

December 1, 2021

Via Electronic Mail

Mr. Kenneth Buell  
Emergency Response and Recovery  
Infrastructure Security & Energy Restoration Division  
Cybersecurity, Energy Security, and Emergency Response  
U.S. Department of Energy  
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Ms. Tertia Speiser  
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Infrastructure Security & Energy Restoration Division  
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U.S. Department of Energy  
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Cybersecurity, Energy Security, and Emergency Response [ceser@hq.doe.gov](mailto:ceser@hq.doe.gov)

**Re: September 10, 2021 Emergency Order issued under Federal Power Act Section 202(c)**

**Interim Report of the California Independent System Operator Corporation**

Dear Mr. Buell and Ms. Speiser:

The California Independent System Operator Corporation (CAISO) submits this interim report pursuant to the requirements of ordering paragraphs D and E of the September 10, 2021 Emergency Order issued by the Department of Energy (DOE) under Federal Power Act Section 202(c). DOE's Emergency Order authorized the CAISO to direct operation of specified electric generating facilities (Covered Resources) above permitted limits under certain emergency conditions for the period between September 10, 2021 up and including November 9, 2021.<sup>1</sup> The Emergency Order also

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<sup>1</sup> DOE's Emergency Order applied to units at the following Covered Resources: Midway Sunset Cogeneration Facility in Fellows, California; the Alamitos Energy Center in Long Beach, California; the Huntington Beach Energy Project in Huntington Beach, California; the Walnut Creek Energy Park in the City of Industry, California; Greenleaf Unit 1 in Yuba City, California; and the Roseville Energy Park in Roseville, California.

Mr. Kenneth Buell  
Ms. Tertia Speiser  
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California Independent System Operator Corporation

authorized the CAISO to direct limited testing or synchronization of a subset of the Covered Resources for the period between September 10, 2021 up and including November 9, 2021.

During the period the Emergency Order was in effect, the CAISO did not direct the Covered Resources to operate to meet emergency conditions. The CAISO did direct limited testing and/or commissioning activities by the following Covered Resources: Midway Sunset Generating Facility, new units at the Greenleaf unit 1 site, and new units at the Roseville Energy Center. Consistent with DOE's Emergency Order, this interim report contains information collected by the CAISO from operators of the Covered Resources regarding their hours or operations, permit terms the Covered Resources units exceeded and the manner in which such exceedance occurred (Exhibits A-1 through F-2). This information also includes emission data and other information requested by DOE regarding the Covered Resource units. For the Covered Resources at the Greenleaf unit 1 site and new units at the Roseville Energy Center, emission data reflects derived values during commissioning activities as opposed to hourly data.

The CAISO's interim report also describes (Exhibit G-1) the CAISO's efforts to comply with DOE's directive that the CAISO inform all affected communities where all Covered Resources operate that DOE issued the Emergency Order.

Finally, this interim report includes a description (Exhibit H-1) prepared by the California Air Resources Board of information it has obtained in connection with the development and implementation of the plan to mitigate the effects of additional emissions authorized by the July 30, 2021 proclamation as well as copies of this information (Exhibits H-2 through H-6).

The CAISO includes a key to the exhibits contained in this interim report. The CAISO plans submit a final report on or before January 7, 2022 to supplement this interim report or confirm that the CAISO has no updates.

Please do not hesitate to contact me at 916.673.67797 or [aulmer@casio.com](mailto:aulmer@casio.com) with any questions

Respectfully submitted,

*/s/ Andrew Ulmer*

Assistant General Counsel

cc: Mr. Christopher Lawrence (DOE) [christopher.lawrence@hq.doe.gov](mailto:christopher.lawrence@hq.doe.gov)  
Katherine Konieczny, Esq. (DOE) [katherine.konieczny@hq.doe.gov](mailto:katherine.konieczny@hq.doe.gov)  
James (JB) Tartar, Esq. (DOE) [james.tarter@hq.doe.gov](mailto:james.tarter@hq.doe.gov)

**Key to Exhibits**

<b>Exhibit</b>	<b>Description</b>
Exhibit A-1	Email RE: CAISO/DOE Data Request - Midway Sunset Cogeneration Facility Unit C dated November 17, 2021
Exhibit A-2	DOE 202(c) Emergency Order Midway Sunset Cogeneration Data Unit C Test Run 10_16_2021
Exhibit B-1	Copy of AES AEC CAISO DOE Emergency Order Data Request_11-19-2021
Exhibit C-1	Copy of AES HBEP CAISO DOE Emergency Order Data Request_fnl
Exhibit D-1	Email RE: CAISO/DOE Data Request - Walnut Creek Energy Park
Exhibit D-2	Copy of Walnut Creek Permit Limits_Compliance Demonstration_Sept 10-Nov 9 2021_11232021
Exhibit E-1	2021-11-23_Letter_to_CAISO_re_DOE_Waiver_Data_Request_FINAL.docx
Exhibit E-2	Source Test Report, 2021 Initial Compliance Test, GE Gas Power Systems, Calpine Green Leaf 1 Yuba City, California

<b>Exhibit</b>	<b>Description</b>
Exhibit E-3	Copy of GL1_UnitA - Monthly Emissions Report_October-2021
Exhibit E-4	Copy of GL1_UnitB - Monthly Emissions Report_October-2021
Exhibit E-5	Copy of GL1_UnitA - Monthly Emissions Report_September-2021
Exhibit E-6	Copy of GL1_UnitB - Monthly Emissions Report_September-2021
Exhibit F-1	Email RE CAISODOE Data Request - Roseville Energy Park
Exhibit F-2	Copy of GE TM2500 Initial CT Run Times and Emission Calcs ROSE FINAL
Exhibit G-1	CAISO overview of outreach efforts
Exhibit H-1	CARB description of plan to mitigate the effects of additional emissions

<b>Exhibit</b>	<b>Description</b>
Exhibit H-2	^N13005L Authority to Construct - Final District Review
Exhibit H-3	AC-REPR-21C_R1 [Authority to Construct / Temporary Permit to Operate issued by Placer County Air Pollution Control District for Roseville Combustion Turbine Generator #3]
Exhibit H-4	AC-REPR-21D_R1 [Authority to Construct / Temporary Permit to Operate issued by Placer County Air Pollution Control District for Roseville Combustion Turbine Generator #4]
Exhibit H-5	Greenleaf 1_Monthly On-Time Report
Exhibit H-6	Copy of Placer Initial CT Run Times (all hours)

16-Oct-21 09:00:00  
 16-Oct-21 13:00:00  
 1H

**Exceedences in Red**

	PPT	NOX PPM	NOXLB/HR	CO	COLB/HR	O2	NOXLB/MMBTU	COLB/MMBTU	Exhaust Temp TTXM-C	Mass Exhaust			
										Flow LBS/SEC EQDPPSC.PV	PM 10	VOC	SO2
<b>Startup 09:56</b>	10/16/2021 9:00	0.286390168	0.111975599	3.076126839	0.742528986	17.534	0.002	0.012	110.4	37.50202247	0.462	ND<1.14	0.327
	10/16/2021 10:00	10.8183243	29.72718062	23.84552304	26.63525774	15.157	0.041	0.055	992.0213132	561.9759251	0.462	ND<1.14	0.327
<b>Shutdown 11:06</b>	10/16/2021 11:00	3.76306908	3.49649194	0.784845026	0.423552786	15.786	0.016	0.002	226.5	79.30882594	0.462	ND<1.14	0.327
	2 Hour Avg Startup	5.552357236	14.91957811	13.46082494	13.68889336	16.3455	0.021396646	0.033508381					
	2 Hour Avg Shutdown	7.290696692	16.61183628	12.31518403	13.52940526	15.4715	0.028468859	0.02847872					
Startup/Shutdown Limits			140 LBS/HR		94 LBS/HR								
Normal Limits			5 PPM	17.66 LBS/HR	25 PPM	54.9 LBS/HR	0.018	0.057			9.98 LBS/HR	9 LBS/HR	0.92 LBS/HR

Stack Dimensions	Height	Width	Length	Stack Area	Final Exhaust Exit Area
					Stack area minus silencer panels
	37.7	18.4	9.4	172.96 SQ/FT	132.23 SQ/FT

10/16/2021 9:00  
10/16/2021 11:59  
1m

PPT	Mass Exhaust		Exhaust Temp TTXM_C.PV	
	Flow LBS/SEC EXQDPPSC.PV			
16-Oct-21 09:00:00	33.80682829	300	70	37.50202
16-Oct-21 09:01:00	33.82740163	300	70	561.9759
16-Oct-21 09:02:00	33.81185623	300	70	79.30883
16-Oct-21 09:03:00	33.74693872	300	70	
16-Oct-21 09:04:00	33.56644312	300	70	
16-Oct-21 09:05:00	33.5889266	300	70	
16-Oct-21 09:06:00	33.79212767	300	70	
16-Oct-21 09:07:00	33.57903208	300	70	
16-Oct-21 09:08:00	33.63976487	300	70	
16-Oct-21 09:09:00	34.25083786	300	70	
16-Oct-21 09:10:00	33.64424238	300	70	
16-Oct-21 09:11:00	34.4459454	300	70	
16-Oct-21 09:12:00	36.0367638	300	70	
16-Oct-21 09:13:00	35.005713	300	70	
16-Oct-21 09:14:00	34.24523711	300	70	
16-Oct-21 09:15:00	35.57962262	300	70	
16-Oct-21 09:16:00	35.39447714	300	70	
16-Oct-21 09:17:00	35.28969787	300	70	
16-Oct-21 09:18:00	36.05952711	300	70	
16-Oct-21 09:19:00	34.92224678	300	70	
16-Oct-21 09:20:00	34.34141981	300	70	
16-Oct-21 09:21:00	35.29275112	300	70	
16-Oct-21 09:22:00	35.59605385	300	70	
16-Oct-21 09:23:00	35.21592068	300	70	
16-Oct-21 09:24:00	36.88658042	300	70	
16-Oct-21 09:25:00	37.79075363	300	70	
16-Oct-21 09:26:00	36.85548795	300	70	
16-Oct-21 09:27:00	37.68146019	300	70	
16-Oct-21 09:28:00	38.39443207	300	70	
16-Oct-21 09:29:00	37.78295097	300	70	
16-Oct-21 09:30:00	37.49300756	300	70	
16-Oct-21 09:31:00	37.19201806	300	70	
16-Oct-21 09:32:00	35.70869102	300	70	
16-Oct-21 09:33:00	36.59245806	300	70	
16-Oct-21 09:34:00	35.74086192	300	70	
16-Oct-21 09:35:00	35.84017735	300	70	
16-Oct-21 09:36:00	34.57416598	300	70	
16-Oct-21 09:37:00	34.22396809	300	70	
16-Oct-21 09:38:00	34.61672127	300	70	
16-Oct-21 09:39:00	34.80106158	300	70	
16-Oct-21 09:40:00	34.79021056	300	70	
16-Oct-21 09:41:00	33.52967068	300	70	
16-Oct-21 09:42:00	33.91104344	300	70	
16-Oct-21 09:43:00	33.37210127	300	70	
16-Oct-21 09:44:00	34.29235208	300	70	
16-Oct-21 09:45:00	29.25278009	300	70	
16-Oct-21 09:46:00	38.34205751	300	70	
16-Oct-21 09:47:00	14.76994081	300	70	
16-Oct-21 09:48:00	25.18997707	300	70	
16-Oct-21 09:49:00	17.88893243	300	70	
16-Oct-21 09:50:00	21.59837419	300	70	
16-Oct-21 09:51:00	29.97050686	300	70	
16-Oct-21 09:52:00	32.01999423	300	70	
16-Oct-21 09:53:00	32.60055885	300	100	
16-Oct-21 09:54:00	32.50560463	300	200	
16-Oct-21 09:55:00	30.73358031	300	300	
16-Oct-21 09:56:00	51.25621738	305.5552483	305.5552	
16-Oct-21 09:57:00	73.04872446	516.5155388	516.5155	
16-Oct-21 09:58:00	105.027924	722.8804694	722.8805	
16-Oct-21 09:59:00	135.1662254	772.282884	772.2829	
16-Oct-21 10:00:00	185.5371498	816.2169734	816.217	
16-Oct-21 10:01:00	316.2626788	713.9975052	713.9975	

16-Oct-21 10:02:00	474.057606	567.3918881	567.3919
16-Oct-21 10:03:00	487.3081503	544.4798267	544.4798
16-Oct-21 10:04:00	488.3176024	606.2340169	606.234
16-Oct-21 10:05:00	489.991089	741.7629776	741.763
16-Oct-21 10:06:00	491.8401657	882.4778809	882.4779
16-Oct-21 10:07:00	492.1992127	966.7997055	966.7997
16-Oct-21 10:08:00	493.4996218	1042.114059	1042.114
16-Oct-21 10:09:00	513.3573062	1088.090442	1088.09
16-Oct-21 10:10:00	559.2529126	1066.964316	1066.964
16-Oct-21 10:11:00	594.7728302	1042.32132	1042.321
16-Oct-21 10:12:00	596.8933465	1035.783861	1035.784
16-Oct-21 10:13:00	597.8525713	1034.646843	1034.647
16-Oct-21 10:14:00	601.3970139	1032.268812	1032.269
16-Oct-21 10:15:00	605.1264833	1030.354971	1030.355
16-Oct-21 10:16:00	607.2813244	1029.383022	1029.383
16-Oct-21 10:17:00	608.8901293	1028.906369	1028.906
16-Oct-21 10:18:00	609.8339481	1028.322218	1028.322
16-Oct-21 10:19:00	610.7147035	1026.206296	1026.206
16-Oct-21 10:20:00	598.2614932	1031.800683	1031.801
16-Oct-21 10:21:00	598.2259741	1032.62126	1032.621
16-Oct-21 10:22:00	595.2432497	1032.683684	1032.684
16-Oct-21 10:23:00	594.2532235	1033.121516	1033.122
16-Oct-21 10:24:00	593.7178721	1033.351499	1033.351
16-Oct-21 10:25:00	594.7711671	1033.015962	1033.016
16-Oct-21 10:26:00	595.4947903	1032.578213	1032.578
16-Oct-21 10:27:00	593.0135925	1032.689436	1032.689
16-Oct-21 10:28:00	591.9474776	1032.99623	1032.996
16-Oct-21 10:29:00	591.6284098	1033.897439	1033.897
16-Oct-21 10:30:00	592.5650686	1033.290464	1033.29
16-Oct-21 10:31:00	590.2419539	1033.635311	1033.635
16-Oct-21 10:32:00	591.8541578	1033.487111	1033.487
16-Oct-21 10:33:00	591.4292142	1033.446235	1033.446
16-Oct-21 10:34:00	592.1619777	1032.276682	1032.277
16-Oct-21 10:35:00	590.9976589	1034.310516	1034.311
16-Oct-21 10:36:00	591.4151454	1033.385605	1033.386
16-Oct-21 10:37:00	590.6348989	1033.368286	1033.368
16-Oct-21 10:38:00	590.2398331	1034.361413	1034.361
16-Oct-21 10:39:00	592.0761009	1033.466743	1033.467
16-Oct-21 10:40:00	591.0027651	1033.899795	1033.9
16-Oct-21 10:41:00	591.5557678	1033.464267	1033.464
16-Oct-21 10:42:00	591.8232235	1033.106833	1033.107
16-Oct-21 10:43:00	590.6828678	1033.935366	1033.935
16-Oct-21 10:44:00	589.5540466	1034.658189	1034.658
16-Oct-21 10:45:00	591.5312397	1033.07278	1033.073
16-Oct-21 10:46:00	591.0875041	1033.68848	1033.688
16-Oct-21 10:47:00	590.5020524	1033.517775	1033.518
16-Oct-21 10:48:00	590.6165726	1034.228376	1034.228
16-Oct-21 10:49:00	591.2042247	1033.05808	1033.058
16-Oct-21 10:50:00	591.9715902	1033.546061	1033.546
16-Oct-21 10:51:00	590.2904105	1032.949683	1032.95
16-Oct-21 10:52:00	590.2554661	1033.181337	1033.181
16-Oct-21 10:53:00	590.6135386	1033.412577	1033.413
16-Oct-21 10:54:00	590.3549016	1031.700427	1031.7
16-Oct-21 10:55:00	552.2372635	1047.650826	1047.651
16-Oct-21 10:56:00	513.5240278	1073.806057	1073.806
16-Oct-21 10:57:00	502.878892	1037.988249	1037.988
16-Oct-21 10:58:00	501.841697	966.9547908	966.9548
16-Oct-21 10:59:00	500.468352	901.035849	901.0358
16-Oct-21 11:00:00	499.4736037	834.2880793	834.2881
16-Oct-21 11:01:00	498.4405588	759.9698252	759.9698
16-Oct-21 11:02:00	497.2490246	696.7180074	696.718
16-Oct-21 11:03:00	496.0099001	632.016743	632.0167
16-Oct-21 11:04:00	494.8679271	559.8213165	559.8213
16-Oct-21 11:05:00	439.6818676	515.7842649	515.7843
16-Oct-21 11:06:00	120.7750292	404.6179876	404.618
16-Oct-21 11:07:00	49.75108498	388.6310067	388.631
16-Oct-21 11:08:00	18.1998411	379.3209601	379.321
16-Oct-21 11:09:00	20.15726417	375.5807856	375.5808
16-Oct-21 11:10:00	28.47876247	375.133286	375.1333
16-Oct-21 11:11:00	30.67140597	375.7313797	375.7314



16-Oct-21 11:12:00	34.512206	377.7830088	377.783
16-Oct-21 11:13:00	35.67566161	380.6515713	380.6516
16-Oct-21 11:14:00	35.66189607	384.4118774	384.4119
16-Oct-21 11:15:00	35.47868098	387.3872823	387.3873
16-Oct-21 11:16:00	35.50304452	390.9169025	390.9169
16-Oct-21 11:17:00	36.14675843	394.7953224	394.7953
16-Oct-21 11:18:00	37.12436829	395.9245552	395.9246
16-Oct-21 11:19:00	33.70972883	392.6236389	392.6236
16-Oct-21 11:20:00	33.41395332	351.8431931	351.8432
16-Oct-21 11:21:00	26.06369771	315.1847957	315.1848
16-Oct-21 11:22:00	19.10143964	306.6140253	306.614
16-Oct-21 11:23:00	28.10362502	304.5308661	304.5309
16-Oct-21 11:24:00	21.9955297	301.9503058	301.9503
16-Oct-21 11:25:00	15.05579834	300	200
16-Oct-21 11:26:00	25.06866589	300	100
16-Oct-21 11:27:00	30.98938464	300	70
16-Oct-21 11:28:00	32.92222376	300	70
16-Oct-21 11:29:00	32.44638975	300	70
16-Oct-21 11:30:00	32.70299997	300	70
16-Oct-21 11:31:00	31.04991353	300	70
16-Oct-21 11:32:00	32.7431824	300	70
16-Oct-21 11:33:00	32.34522014	300	70
16-Oct-21 11:34:00	32.67916897	300	70
16-Oct-21 11:35:00	32.58321393	300	70
16-Oct-21 11:36:00	32.78425505	300	70
16-Oct-21 11:37:00	31.55512185	300	70
16-Oct-21 11:38:00	31.84415641	300	70
16-Oct-21 11:39:00	31.84657397	300	70
16-Oct-21 11:40:00	28.39442104	300	70
16-Oct-21 11:41:00	30.60421463	300	70
16-Oct-21 11:42:00	31.76818497	300	70
16-Oct-21 11:43:00	31.95433418	300	70
16-Oct-21 11:44:00	29.28352776	300	70
16-Oct-21 11:45:00	13.26715994	300	70
16-Oct-21 11:46:00	25.09943966	300	70
16-Oct-21 11:47:00	28.34393771	300	70
16-Oct-21 11:48:00	32.54697331	300	70
16-Oct-21 11:49:00	35.10137164	300	70
16-Oct-21 11:50:00	35.361923	300	70
16-Oct-21 11:51:00	35.62062261	300	70
16-Oct-21 11:52:00	36.88153461	300	70
16-Oct-21 11:53:00	36.55192489	300	70
16-Oct-21 11:54:00	37.22825912	300	70
16-Oct-21 11:55:00	36.0562192	300	70
16-Oct-21 11:56:00	36.28587147	300	70
16-Oct-21 11:57:00	37.11355978	300	70
16-Oct-21 11:58:00	36.89412211	300	70

**From:** [Jans \(Midway Sunset Cogeneration Company\), Greg](#)  
**To:** [Bradley, Joanne](#); [Midway Sunset Management Issues](#)  
**Cc:** [Kott, Bob](#); [Ulmer, Andrew](#)  
**Subject:** [EXTERNAL] RE: CAISO/DOE Data Request - Midway Sunset Cogeneration Facility Unit C  
**Date:** Wednesday, November 17, 2021 4:00:11 PM  
**Attachments:** [image001.jpg](#)  
[DOE 202\(c\) Emergency Order Midway Sunset Cogeneration Data Unit C Test Run 10\\_16\\_2021.xlsx](#)

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Joanne,

Per the Department of Energy Emergency Order 202-21-2 Section A Romanette iii Midway Sunset conducted the following synchronization test of the Emergency Order specified Unit C.

(1) Flame established 0956 hours, Synchronized on-line 1004 hours, Off-line 1105 hours, Flame out 1106 hours October 16, 2021.

(2) SJVAPCD Permit S-1135-0-4 condition 5 - must comply with all permit conditions, PTO S-1135-226-26 (27) condition 21 - NOx 0.018 lb/MMBtu, condition 22 - NOx 5 ppmv, condition 38 - NOx 17.66 lb/hr. Each of these permit conditions were exceeded during the October 16, 2021, 1000 hour synchronized operation. The Unit exceeded these permit limits due to the current combustion system design being unable to meet the NOx permit limits.

- Actual emissions data in pounds per hour for each Covered Resource unit, for each hour of operations, for CO, NOx, PM2.5, PM10, volatile organic compounds (VOC), and SO2;

Please see attached spreadsheet.

- For each category of emissions, please provide permitted operating/emission limits.

Please see attached spreadsheet.

- For each category of emissions, any actual incremental emissions above the permit limits, (if units are not equipped with continuous emission monitoring systems, please calculate actual emissions using source test data);

Please see attached spreadsheet.

- Stack parameters for each Covered Resource unit: stack height, exit diameter, exit gas temperature, and exit velocity (or volumetric flow rate). Temperature and velocity should reflect

values applicable to operations above permit limits;  
Please see attached spreadsheet.

➤ The hours that each Covered Resource unit operated in excess of permit limits or operated without otherwise-required permits.

Please see attached spreadsheet.

Please let us know should you have any further questions.

Thank you.

Greg

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**From:** Bradley, Joanne [mailto:jbradley@caiso.com]  
**Sent:** Tuesday, November 16, 2021 8:51 AM  
**To:** Greg Jans; management  
**Cc:** Kott, Bob; Ulmer, Andrew; Sandra Henriksen  
**Subject:** RE: CAISO/DOE Data Request - Midway Sunset Cogeneration Facility Unit C

Hello Greg,

I wanted to follow up on this request to make sure that you will be able to provide the requested data by next Tuesday, November 23<sup>rd</sup> as requested. Please confirm that you will be submitting the data on or before November 23.

Thank you,

JB

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**From:** Greg Jans  
**Sent:** Tuesday, November 9, 2021 11:56 AM  
**To:** Bradley, Joanne ; Midway Sunset Management Issues  
**Cc:** Kott, Bob ; Ulmer, Andrew ; Sandra Henriksen  
**Subject:** [EXTERNAL] RE: CAISO/DOE Data Request - Midway Sunset Cogeneration Facility Unit C

Good morning Joanne,

We are collecting the data and will have it to you soon. We don't have any questions at this time.

Thank you.

Greg

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**From:** Bradley, Joanne [mailto:jbradley@caiso.com]  
**Sent:** Tuesday, November 09, 2021 10:47 AM  
**To:** management  
**Cc:** Kott, Bob; Ulmer, Andrew; Sandra Henriksen  
**Subject:** RE: CAISO/DOE Data Request - Midway Sunset Cogeneration Facility Unit C

Hello Greg,

I wanted to follow up with you on this request. Do you have any questions? Do you have any concerns about being able to provide the data by November 23<sup>rd</sup>? Please let me know.

Thank you,

JB

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**From:** Bradley, Joanne  
**Sent:** Wednesday, November 3, 2021 11:37 AM

**To:** Midway Sunset Management Issues <[management@midwaysunset.com](mailto:management@midwaysunset.com)>  
**Cc:** Kott, Bob <[RKott@caiso.com](mailto:RKott@caiso.com)>; Ulmer, Andrew <[aulmer@caiso.com](mailto:aulmer@caiso.com)>;  
'shenriksen@midwaysunset.com' <[shenriksen@midwaysunset.com](mailto:shenriksen@midwaysunset.com)>  
**Subject:** CAISO/DOE Data Request - Midway Sunset Cogeneration Facility Unit C  
**Importance:** High

Dear Greg:

The U.S. Department of Energy has directed the CAISO to report specific information in connection with DOE's [September 10, 2021 emergency order](#) under Federal Power Act Section 202(c), which applied to the units at the Midway Sunset Cogeneration Facility Unit C (hereinafter the Covered Resource). The CAISO is working to submit a report with responsive information no later than December 1, 2021. We are coordinating this reporting effort with the California Energy Commission and California Air Resource Board. We request that you provide the following information no later than November 23, 2021.

For each date from September 10, 2021 up to and including November 9, 2021, on which the Covered Resource operated, please provide for each Covered Resource unit,

- (1) The hours of operation, as well as the hours in which any permit limit was exceeded; and
- (2) A description of each permit term that was exceeded and the manner in which such exceedance occurred. If none, please so state.

Please also include the following information in an Excel spreadsheet for each date from September 10, 2021 up to and including November 9, 2021 for each Covered Resource unit:

- Actual emissions data in pounds per hour for each Covered Resource unit, for each hour of operations, for CO, NOx, PM2.5, PM10, volatile organic compounds (VOC), and SO2;
- For each category of emissions, please provide permitted operating/emission limits.
- For each category of emissions, any actual incremental emissions above the permit limits, (if units are not equipped with continuous emission monitoring systems, please calculate actual emissions using source test data);
- Stack parameters for each Covered Resource unit: stack height, exit diameter, exit gas temperature, and exit velocity (or volumetric flow rate). Temperature and velocity should reflect values applicable to operations above permit limits;
- The hours that each Covered Resource unit operated in excess of permit limits or operated without otherwise-required permits.

Please let me know if you have any immediate questions. I will follow-up on November 9 to ensure you do not have any outstanding questions and again on November 16 to ensure you can provide the requested data on or before November 23.

Thank you in advance for your attention and response to this request.

**Joanne Bradley (JB)**

Account Manager



[jbradley@caiso.com](mailto:jbradley@caiso.com)

916-847-9386

250 Outcropping Way, Folsom, CA 95630

## CAISO/DOE Data Request - Alamos Energy Center

For each date from September 10, 2021 up to and including November 9, 2021, on which the Covered Resource operated, please provide for each Covered Resource unit,

**(1) The hours of operation, as well as the hours in which any permit limit was exceeded; and**

Please see the "Hours of Operation" tab for hours of operation for each covered resource unit. No permit limit was exceeded during the period between 9/10/21 and 11/9/21.

**(2) A description of each permit term that was exceeded and the manner in which such exceedance occurred. If none, please so state.**

No permit exceedance occurred during the period between 9/10/21 and 11/9/21.

Please also include the following information in an Excel spreadsheet for each date from September 10, 2021 up to and including November 9, 2021 for each Covered Resource unit:

- **Actual emissions data in pounds per hour for each Covered Resource unit, for each hour of operations, for CO, NOx, PM2.5, PM10, volatile organic compounds (VOC), and SO2;** See U1A and U1B "Emissions Data" tabs. Please note that NOx data provided are emissions calculated under 40 CFR 75 and will vary slightly from emissions under SCAQMD RECLAIM based on data requirements. Additionally, there is not a CEMS for PM10/2.5, VOC, or SO2. PM10/2.5, VOC, and SO2 emissions were calculated using fuel flow and the emission factors listed in the facility's Title V Permit.

- **For each category of emissions, please provide permitted operating/emission limits.**

See "Permit Limits" tab

- **For each category of emissions, any actual incremental emissions above the permit limits, (if units are not equipped with continuous emission monitoring systems, please calculate actual emissions using source test data);**

No permit limit was exceeded during the time period so there were no incremental emissions above permit limits.

- **Stack parameters for each Covered Resource unit: stack height, exit diameter, exit gas temperature, and exit velocity (or volumetric flow rate). Temperature and velocity should reflect values applicable to operations above permit limits;**

See "Stack Parameters" tab for stack information. There is no applicable permit limit for exit gas temperature or exit velocity/volumetric flow rate, and thus no operations occurred during the time period above permit limits.

- **The hours that each Covered Resource unit operated in excess of permit limits or operated without otherwise-required permits.**

All required permits for operation were in place throughout the period. No permit limit exceedances occurred during the period.

Daily Hours of Operation		
Date	Unit 1A	Unit 1B
10-Sep	20.58	20.85
11-Sep	10.72	17.4
12-Sep	17.99	18.89
13-Sep	10.63	17.89
14-Sep	16.39	16.84
15-Sep	15.99	16.3
16-Sep	15.87	16.29
17-Sep	14.89	21.66
18-Sep	15.95	16.15
19-Sep	7.08	7.08
20-Sep	9.65	9.85
21-Sep	18.65	18.89
22-Sep	18.69	18.89
23-Sep	24	24
24-Sep	24	24
25-Sep	16.67	16.9
26-Sep	18.1	18.39
27-Sep	8.95	16.48
28-Sep	7.08	8.9
29-Sep	0	15.93
30-Sep	10.65	17.9
1-Oct	24	24
2-Oct	23.98	23.98
3-Oct	17.93	18.15
4-Oct	24	24
5-Oct	24	24
6-Oct	23.98	24
7-Oct	24	24
8-Oct	18.98	19.69
9-Oct	8.65	15.72
10-Oct	15.77	16.39
11-Oct	15.92	16.22
12-Oct	16.4	16.74
13-Oct	16.99	17.45
14-Oct	15.98	16.47
15-Oct	16.95	17.14
16-Oct	15.93	16.14
17-Oct	16.62	16.67
18-Oct	15.95	16.26
19-Oct	16.49	16.72
20-Oct	17.68	17.85
21-Oct	17.7	17.89
22-Oct	17.02	17.5
23-Oct	16.96	17.15
24-Oct	17.2	17.39

25-Oct	24	24
26-Oct	16.2	16.49
27-Oct	17.68	17.89
28-Oct	24	24
29-Oct	24	24
30-Oct	17.45	17.66
31-Oct	17.17	17.39
1-Nov	24	24
2-Nov	24	24
3-Nov	22.54	22.9
4-Nov	17.87	18.14
5-Nov	17.87	18.16
6-Nov	17.97	18.15
7-Nov	15.95	16.11
8-Nov	18.17	18.45
9-Nov	16.21	16.5
<b>Grand Total</b>	<b>1056.69</b>	<b>1128.84</b>



Unit 1A Hourly Emissions								
Date/Time	Operating Time (hours)	Gas Flow (scfh)	Calculated Stack Flow (scfh)	CO (lbs./hr)	NOx (lbs./hr)	SO2 (lbs./hr) <sup>1</sup>	VOC (lbs./hr) <sup>1</sup>	PM10/PM2.5 (lbs./hr) <sup>1</sup>
9/10/2021 0:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/10/2021 1:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/10/2021 2:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/10/2021 3:00	1	756,797	25,856,519	10.6	24.3	0.6	3.6	3.0
9/10/2021 4:00	1	2,037,589	50,159,335	2.9	8.5	1.3	9.6	8.0
9/10/2021 5:00	1	2,218,057	54,354,041	2.0	9.2	1.4	10.4	8.7
9/10/2021 6:00	1	1,759,056	42,527,714	1.5	7.3	1.1	8.3	6.9
9/10/2021 7:00	1	1,252,893	34,093,188	1.5	5.2	0.8	5.9	4.9
9/10/2021 8:00	1	1,138,093	31,642,960	1.6	4.7	0.7	5.3	4.5
9/10/2021 9:00	1	1,267,292	34,320,134	2.5	5.3	0.8	6.0	5.0
9/10/2021 10:00	1	1,539,623	38,798,513	2.3	6.4	1.0	7.2	6.0
9/10/2021 11:00	1	2,013,263	48,873,804	1.8	8.4	1.3	9.5	7.9
9/10/2021 12:00	1	1,989,973	48,602,105	1.8	8.3	1.2	9.4	7.8
9/10/2021 13:00	1	1,657,881	41,154,397	1.5	6.9	1.0	7.8	6.5
9/10/2021 14:00	1	1,758,460	43,733,070	1.6	7.3	1.1	8.3	6.9
9/10/2021 15:00	1	2,150,228	52,536,016	1.9	8.9	1.3	10.1	8.4
9/10/2021 16:00	1	2,207,458	54,094,310	2.0	9.2	1.4	10.4	8.7
9/10/2021 17:00	1	2,211,904	54,203,264	2.0	9.2	1.4	10.4	8.7
9/10/2021 18:00	1	1,974,715	48,250,035	1.8	8.2	1.2	9.3	7.7
9/10/2021 19:00	1	1,827,340	44,342,801	1.6	7.6	1.1	8.6	7.2
9/10/2021 20:00	1	1,809,403	44,331,168	1.6	7.5	1.1	8.5	7.1
9/10/2021 21:00	1	1,816,276	44,368,128	1.6	7.5	1.1	8.5	7.1
9/10/2021 22:00	1	1,951,645	46,784,256	1.7	8.1	1.2	9.2	7.7
9/10/2021 23:00	1	1,489,630	37,559,593	2.2	4.6	0.9	7.0	5.8
9/11/2021 0:00	0	273,032	5,018,038	11.4	31.9	0.4	1.3	1.1
9/11/2021 1:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 2:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 3:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 4:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 5:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 6:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 7:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/11/2021 13:00	1	816,601	26,993,034	12.3	22.7	0.6	3.8	3.2
9/11/2021 14:00	1	1,829,899	44,265,210	1.6	7.6	1.1	8.6	7.2
9/11/2021 15:00	1	1,924,011	45,676,198	1.7	8.0	1.2	9.0	7.5
9/11/2021 16:00	1	2,025,734	49,486,325	1.8	8.4	1.3	9.5	7.9
9/11/2021 17:00	1	2,215,264	54,285,588	2.0	9.2	1.4	10.4	8.7
9/11/2021 18:00	1	2,140,524	52,304,371	1.9	8.9	1.3	10.1	8.4
9/11/2021 19:00	1	1,944,037	46,895,041	1.7	8.1	1.2	9.1	7.6
9/11/2021 20:00	1	2,155,545	52,668,065	1.9	9.0	1.3	10.1	8.4
9/11/2021 21:00	1	2,137,336	52,231,402	1.9	8.9	1.3	10.0	8.4
9/11/2021 22:00	1	1,879,850	45,483,070	1.7	7.8	1.2	8.8	7.4
9/11/2021 23:00	1	1,958,204	47,378,865	1.7	8.1	1.2	9.2	7.7
9/12/2021 0:00	1	1,862,431	45,194,787	1.6	7.7	1.2	8.8	7.3
9/12/2021 1:00	1	1,710,134	41,712,662	1.5	7.1	1.1	8.0	6.7
9/12/2021 2:00	1	1,754,677	42,721,353	1.5	7.3	1.1	8.2	6.9
9/12/2021 3:00	1	1,897,395	45,613,173	1.6	7.9	1.2	8.9	7.4
9/12/2021 4:00	1	1,670,746	40,932,748	1.5	6.9	1.0	7.9	6.5
9/12/2021 5:00	1	1,768,567	42,823,066	1.6	7.4	1.1	8.3	6.9
9/12/2021 6:00	1	1,350,535	35,267,844	1.5	5.6	0.8	6.3	5.3
9/12/2021 7:00	0	151,126	4,011,998	9.5	38.9	0.4	0.7	0.6
9/12/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/12/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/12/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/12/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/12/2021 12:00	1	738,023	29,815,800	10.9	25.4	0.6	3.5	2.9
9/12/2021 13:00	1	2,019,641	49,289,388	2.5	8.4	1.3	9.5	7.9
9/12/2021 14:00	1	1,966,040	47,568,447	1.7	8.2	1.2	9.2	7.7
9/12/2021 15:00	1	1,930,033	47,273,357	1.7	8.0	1.2	9.1	7.6
9/12/2021 16:00	1	2,053,374	50,318,438	1.8	8.5	1.3	9.7	8.0
9/12/2021 17:00	1	2,209,467	54,143,535	2.0	9.2	1.4	10.4	8.7
9/12/2021 18:00	1	2,206,237	54,064,388	2.0	9.2	1.4	10.4	8.6
9/12/2021 19:00	1	2,182,792	53,489,854	1.9	9.1	1.4	10.3	8.6
9/12/2021 20:00	1	2,103,239	51,396,906	1.9	8.7	1.3	9.9	8.2
9/12/2021 21:00	1	1,990,200	48,153,006	1.7	8.3	1.2	9.4	7.8
9/12/2021 22:00	1	1,990,673	48,164,434	1.8	8.3	1.2	9.4	7.8
9/12/2021 23:00	0	780,479	13,388,630	9.0	16.2	0.7	3.7	3.1
9/13/2021 0:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 1:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 2:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 3:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 4:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 5:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 6:00	0	0	0	0.0	0.0	0.0	0.0	0.0

9/13/2021 7:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/13/2021 13:00	1	847,867	26,231,296	12.2	23.0	0.6	4.0	3.3
9/13/2021 14:00	1	2,068,825	50,851,323	1.8	8.6	1.3	9.7	8.1
9/13/2021 15:00	1	2,072,496	50,630,545	1.8	8.6	1.3	9.7	8.1
9/13/2021 16:00	1	1,869,805	46,055,770	1.7	7.8	1.2	8.8	7.3
9/13/2021 17:00	1	2,213,206	54,235,153	2.0	9.2	1.4	10.4	8.7
9/13/2021 18:00	1	2,219,128	54,380,274	2.0	9.2	1.4	10.4	8.7
9/13/2021 19:00	1	1,945,105	47,655,879	1.7	6.1	1.2	9.1	7.6
9/13/2021 20:00	1	1,692,889	41,742,128	1.5	7.0	1.1	8.0	6.6
9/13/2021 21:00	1	1,971,150	47,692,077	1.7	8.2	1.2	9.3	7.7
9/13/2021 22:00	1	1,227,921	32,981,027	1.9	5.1	0.8	5.8	4.8
9/13/2021 23:00	1	1,482,381	37,655,738	2.5	4.6	0.9	7.0	5.8
9/14/2021 0:00	1	1,444,770	36,574,931	2.1	6.0	0.9	6.8	5.7
9/14/2021 1:00	1	1,188,614	32,809,302	1.4	4.9	0.7	5.6	4.7
9/14/2021 2:00	1	1,185,550	32,841,612	1.2	4.9	0.7	5.6	4.6
9/14/2021 3:00	1	1,300,532	34,542,390	1.8	5.4	0.8	6.1	5.1
9/14/2021 4:00	1	1,570,456	39,219,323	1.4	6.5	1.0	7.4	6.2
9/14/2021 5:00	1	1,765,539	43,692,767	1.6	7.3	1.1	8.3	6.9
9/14/2021 6:00	1	1,521,761	38,936,218	1.7	6.3	0.9	7.2	6.0
9/14/2021 7:00	0	129,817	3,877,088	8.9	43.0	0.3	0.6	0.5
9/14/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/14/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/14/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/14/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/14/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/14/2021 13:00	1	741,723	28,826,054	11.7	25.5	0.6	3.5	2.9
9/14/2021 14:00	1	2,002,621	48,735,184	1.8	8.3	1.2	9.4	7.9
9/14/2021 15:00	1	1,751,422	43,277,891	1.6	7.3	1.1	8.2	6.9
9/14/2021 16:00	1	1,925,758	46,787,039	1.7	10.0	1.2	9.1	7.5
9/14/2021 17:00	1	2,210,853	54,177,516	2.0	9.2	1.4	10.4	8.7
9/14/2021 18:00	1	2,078,341	47,554,292	1.8	8.6	1.3	9.8	8.1
9/14/2021 19:00	1	1,996,605	48,008,022	1.8	8.3	1.2	9.4	7.8
9/14/2021 20:00	1	1,882,712	45,552,329	1.7	7.8	1.2	8.8	7.4
9/14/2021 21:00	1	1,878,438	46,152,029	1.7	7.8	1.2	8.8	7.4
9/14/2021 22:00	0	265,099	4,872,231	12.6	37.2	0.4	1.2	1.0
9/14/2021 23:00	1	864,741	24,693,086	10.2	21.8	0.6	4.1	3.4
9/15/2021 0:00	1	1,189,889	32,832,643	3.1	3.7	0.7	5.6	4.7
9/15/2021 1:00	1	1,178,366	32,642,609	2.6	4.9	0.7	5.5	4.6
9/15/2021 2:00	1	1,155,201	32,000,913	1.2	4.8	0.7	5.4	4.5
9/15/2021 3:00	1	1,145,593	31,851,494	1.2	4.8	0.7	5.4	4.5
9/15/2021 4:00	1	1,236,793	33,490,661	2.0	5.1	0.8	5.8	4.8
9/15/2021 5:00	1	1,533,578	40,032,182	1.4	4.8	1.0	7.2	6.0
9/15/2021 6:00	1	1,381,617	35,897,073	1.8	5.7	0.9	6.5	5.4
9/15/2021 7:00	0	125,862	5,011,939	9.2	38.3	0.3	0.6	0.5
9/15/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/15/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/15/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/15/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/15/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/15/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/15/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/15/2021 15:00	1	1,002,814	34,020,035	10.0	18.2	0.7	4.7	3.9
9/15/2021 16:00	1	1,555,797	38,864,698	1.4	6.5	1.0	7.3	6.1
9/15/2021 17:00	1	1,909,326	46,496,850	1.7	7.9	1.2	9.0	7.5
9/15/2021 18:00	1	1,802,078	43,999,924	1.6	7.5	1.1	8.5	7.1
9/15/2021 19:00	1	2,043,247	49,599,674	1.8	8.5	1.3	9.6	8.0
9/15/2021 20:00	1	1,849,063	45,300,297	1.6	7.7	1.2	8.7	7.2
9/15/2021 21:00	1	1,823,984	44,131,397	1.6	7.6	1.1	8.6	7.2
9/15/2021 22:00	1	1,334,734	35,072,157	2.3	5.5	0.8	6.3	5.2
9/15/2021 23:00	1	1,202,728	32,825,729	2.4	5.0	0.7	5.7	4.7
9/16/2021 0:00	1	1,144,582	31,706,742	1.6	4.8	0.7	5.4	4.5
9/16/2021 1:00	1	1,145,461	31,847,576	1.6	4.8	0.7	5.4	4.5
9/16/2021 2:00	1	1,144,869	32,064,391	1.4	4.8	0.7	5.4	4.5
9/16/2021 3:00	1	1,146,360	31,872,251	1.4	4.8	0.7	5.4	4.5
9/16/2021 4:00	1	1,159,002	32,340,005	1.4	4.8	0.7	5.4	4.5
9/16/2021 5:00	1	1,244,042	34,337,520	2.2	5.2	0.8	5.8	4.9
9/16/2021 6:00	1	1,301,687	34,553,240	1.5	5.4	0.8	6.1	5.1
9/16/2021 7:00	0	133,077	3,740,657	9.5	39.9	0.3	0.6	0.5
9/16/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/16/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/16/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/16/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/16/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/16/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/16/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/16/2021 15:00	1	853,956	0	9.1	20.0	0.7	4.0	3.3
9/16/2021 16:00	1	1,683,665	43,100,104	2.2	7.0	1.0	7.9	6.6
9/16/2021 17:00	1	1,930,673	47,440,404	1.7	8.0	1.2	9.1	7.6

9/16/2021 18:00	1	2,003,515	48,949,240	1.8	8.3	1.2	9.4	7.9
9/16/2021 19:00	1	1,782,721	43,524,691	1.6	7.4	1.1	8.4	7.0
9/16/2021 20:00	1	1,674,388	41,273,460	1.5	7.0	1.0	7.9	6.6
9/16/2021 21:00	1	1,640,696	40,727,806	1.5	6.8	1.0	7.7	6.4
9/16/2021 22:00	1	1,452,670	37,052,877	1.9	4.5	0.9	6.8	5.7
9/16/2021 23:00	1	1,465,465	37,568,185	2.2	4.6	0.9	6.9	5.7
9/17/2021 0:00	1	1,330,018	35,120,787	3.3	5.5	0.8	6.3	5.2
9/17/2021 1:00	1	1,154,544	32,215,176	1.7	4.8	0.7	5.4	4.5
9/17/2021 2:00	1	1,249,488	34,219,123	2.0	5.2	0.8	5.9	4.9
9/17/2021 3:00	1	1,466,157	36,838,242	1.9	4.6	0.9	6.9	5.7
9/17/2021 4:00	1	1,489,569	37,882,454	2.2	6.2	0.9	7.0	5.8
9/17/2021 5:00	1	1,607,775	40,675,623	1.5	6.7	1.0	7.6	6.3
9/17/2021 6:00	1	1,424,812	36,746,342	1.6	5.9	0.9	6.7	5.6
9/17/2021 7:00	0	537,157	8,359,533	7.8	18.8	0.6	2.5	2.1
9/17/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/17/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/17/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/17/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/17/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/17/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/17/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/17/2021 15:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/17/2021 16:00	1	818,837	25,893,298	11.4	25.9	0.6	3.8	3.2
9/17/2021 17:00	1	1,996,250	49,172,117	1.8	8.3	1.2	9.4	7.8
9/17/2021 18:00	1	1,964,984	48,005,722	1.7	8.2	1.2	9.2	7.7
9/17/2021 19:00	1	1,751,433	43,168,483	1.6	5.5	1.1	8.2	6.9
9/17/2021 20:00	1	1,685,457	41,257,758	1.5	7.0	1.1	7.9	6.6
9/17/2021 21:00	1	1,650,151	40,544,881	1.5	6.9	1.0	7.8	6.5
9/17/2021 22:00	1	1,745,589	42,910,251	1.6	7.3	1.1	8.2	6.8
9/17/2021 23:00	1	2,223,905	54,497,335	2.0	9.2	1.4	10.5	8.7
9/18/2021 0:00	1	2,229,037	54,623,101	2.0	9.3	1.4	10.5	8.7
9/18/2021 1:00	1	2,225,468	54,535,658	2.0	9.2	1.4	10.5	8.7
9/18/2021 2:00	1	2,221,402	54,436,002	2.0	9.2	1.4	10.4	8.7
9/18/2021 3:00	1	2,218,814	54,372,599	2.0	9.2	1.4	10.4	8.7
9/18/2021 4:00	1	2,230,137	54,650,060	2.0	9.3	1.4	10.5	8.7
9/18/2021 5:00	1	2,229,249	54,601,735	2.0	9.3	1.4	10.5	8.7
9/18/2021 6:00	1	2,098,712	51,429,468	1.9	8.7	1.3	9.9	8.2
9/18/2021 7:00	0	924,375	14,459,039	11.8	19.7	0.9	4.3	3.6
9/18/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/18/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/18/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/18/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/18/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/18/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/18/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/18/2021 15:00	1	839,201	25,414,608	11.8	23.7	0.6	3.9	3.3
9/18/2021 16:00	1	1,499,133	38,998,636	2.6	6.2	0.9	7.0	5.9
9/18/2021 17:00	1	1,756,349	43,159,105	1.6	7.3	1.1	8.3	6.9
9/18/2021 18:00	1	1,851,457	45,216,474	1.6	7.7	1.2	8.7	7.3
9/18/2021 19:00	1	1,610,758	39,984,642	1.5	6.7	1.0	7.6	6.3
9/18/2021 20:00	1	1,917,444	46,392,661	1.7	8.0	1.2	9.0	7.5
9/18/2021 21:00	1	1,965,932	48,308,910	1.8	8.2	1.2	9.2	7.7
9/18/2021 22:00	1	1,894,498	46,397,407	1.7	7.9	1.2	8.9	7.4
9/18/2021 23:00	1	2,209,358	53,968,988	2.0	9.2	1.4	10.4	8.7
9/19/2021 0:00	1	2,219,838	54,397,681	2.0	9.2	1.4	10.4	8.7
9/19/2021 1:00	1	2,217,088	54,330,292	2.0	9.2	1.4	10.4	8.7
9/19/2021 2:00	1	2,214,119	54,257,543	2.0	9.2	1.4	10.4	8.7
9/19/2021 3:00	1	2,157,844	52,878,516	1.9	9.0	1.3	10.1	8.5
9/19/2021 4:00	1	2,218,653	54,368,636	2.0	9.2	1.4	10.4	8.7
9/19/2021 5:00	1	2,221,798	54,391,818	2.0	9.2	1.4	10.4	8.7
9/19/2021 6:00	1	1,672,341	42,291,081	2.5	5.2	1.0	7.9	6.6
9/19/2021 7:00	0	224,361	4,661,369	11.7	38.5	0.4	1.1	0.9
9/19/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 15:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 16:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 17:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 18:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 19:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 20:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 21:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 22:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/19/2021 23:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 0:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 1:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 2:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 3:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 4:00	0	0	0	0.0	0.0	0.0	0.0	0.0

9/20/2021 5:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 6:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 7:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/20/2021 14:00	1	878,867	25,339,346	70.2	26.3	0.6	4.1	3.4
9/20/2021 15:00	1	1,237,457	33,625,563	1.7	5.1	0.8	5.8	4.9
9/20/2021 16:00	1	1,702,123	43,683,441	3.2	7.1	1.1	8.0	6.7
9/20/2021 17:00	1	2,211,930	54,203,901	2.0	9.2	1.4	10.4	8.7
9/20/2021 18:00	1	2,143,734	52,381,358	1.9	8.9	1.3	10.1	8.4
9/20/2021 19:00	1	2,085,625	50,461,822	1.8	8.7	1.3	9.8	8.2
9/20/2021 20:00	1	1,896,545	46,186,421	1.7	7.9	1.2	8.9	7.4
9/20/2021 21:00	1	1,798,638	43,783,313	1.6	7.5	1.1	8.5	7.1
9/20/2021 22:00	1	1,307,155	34,460,005	1.5	5.4	0.8	6.1	5.1
9/20/2021 23:00	1	1,465,839	37,169,727	2.2	6.1	0.9	6.9	5.7
9/21/2021 0:00	1	1,291,328	34,284,885	2.7	5.4	0.8	6.1	5.1
9/21/2021 1:00	1	1,396,069	36,239,760	2.1	5.8	0.9	6.6	5.5
9/21/2021 2:00	1	1,256,374	34,423,446	1.2	5.2	0.8	5.9	4.9
9/21/2021 3:00	1	1,394,393	36,596,424	1.9	5.8	0.9	6.6	5.5
9/21/2021 4:00	1	1,538,940	38,406,319	1.4	6.4	1.0	7.2	6.0
9/21/2021 5:00	1	1,731,519	43,530,860	1.5	7.2	1.1	8.1	6.8
9/21/2021 6:00	1	1,603,346	40,416,151	1.8	5.0	1.0	7.5	6.3
9/21/2021 7:00	0	134,136	3,770,416	8.8	38.7	0.3	0.6	0.5
9/21/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/21/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/21/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/21/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/21/2021 12:00	1	768,954	26,386,746	11.0	23.6	0.6	3.6	3.0
9/21/2021 13:00	1	2,152,884	52,915,602	1.9	8.9	1.3	10.1	8.4
9/21/2021 14:00	1	2,133,856	52,140,725	1.9	8.9	1.3	10.0	8.4
9/21/2021 15:00	1	2,197,954	53,861,420	2.0	9.1	1.4	10.3	8.6
9/21/2021 16:00	1	2,208,569	54,121,546	2.0	9.2	1.4	10.4	8.7
9/21/2021 17:00	1	2,216,228	54,309,232	2.0	9.2	1.4	10.4	8.7
9/21/2021 18:00	1	2,212,555	54,219,221	2.0	9.2	1.4	10.4	8.7
9/21/2021 19:00	1	2,210,690	54,173,511	2.0	9.2	1.4	10.4	8.7
9/21/2021 20:00	1	2,206,689	54,075,462	2.0	9.2	1.4	10.4	8.7
9/21/2021 21:00	1	1,877,265	45,131,660	1.7	7.8	1.2	8.8	7.4
9/21/2021 22:00	1	2,151,152	52,564,133	1.9	8.9	1.3	10.1	8.4
9/21/2021 23:00	1	2,221,663	54,442,413	2.0	9.2	1.4	10.4	8.7
9/22/2021 0:00	1	2,223,436	54,485,846	2.0	9.2	1.4	10.5	8.7
9/22/2021 1:00	1	2,227,541	54,586,453	2.0	9.3	1.4	10.5	8.7
9/22/2021 2:00	1	2,224,166	54,503,749	2.0	9.2	1.4	10.5	8.7
9/22/2021 3:00	1	2,234,463	54,756,061	2.0	9.3	1.4	10.5	8.8
9/22/2021 4:00	1	2,230,578	54,660,872	2.0	9.3	1.4	10.5	8.7
9/22/2021 5:00	1	2,229,006	54,648,735	2.0	9.3	1.4	10.5	8.7
9/22/2021 6:00	1	2,226,030	54,549,421	2.0	9.3	1.4	10.5	8.7
9/22/2021 7:00	1	1,854,893	46,010,233	2.0	5.8	1.2	8.7	7.3
9/22/2021 8:00	0	132,506	3,724,598	8.5	36.1	0.3	0.6	0.5
9/22/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/22/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/22/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/22/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/22/2021 13:00	1	827,769	26,400,986	10.5	23.0	0.6	3.9	3.2
9/22/2021 14:00	1	1,858,286	45,102,877	1.6	7.7	1.2	8.7	7.3
9/22/2021 15:00	1	2,067,957	50,359,955	1.8	8.6	1.3	9.7	8.1
9/22/2021 16:00	1	1,933,001	48,288,225	2.8	8.0	1.2	9.1	7.6
9/22/2021 17:00	1	2,212,588	54,396,399	2.0	9.2	1.4	10.4	8.7
9/22/2021 18:00	1	2,211,143	54,184,622	2.0	9.2	1.4	10.4	8.7
9/22/2021 19:00	1	2,214,375	54,263,819	2.0	9.2	1.4	10.4	8.7
9/22/2021 20:00	1	2,203,293	53,992,256	2.0	9.2	1.4	10.4	8.6
9/22/2021 21:00	1	1,900,228	46,107,503	1.7	7.9	1.2	8.9	7.4
9/22/2021 22:00	1	1,743,313	42,571,773	1.6	7.2	1.1	8.2	6.8
9/22/2021 23:00	1	1,936,059	47,147,006	1.7	8.0	1.2	9.1	7.6
9/23/2021 0:00	1	1,722,142	42,055,491	1.5	7.2	1.1	8.1	6.8
9/23/2021 1:00	1	1,668,014	40,866,889	1.5	6.9	1.0	7.8	6.5
9/23/2021 2:00	1	1,658,109	40,891,219	1.5	6.9	1.0	7.8	6.5
9/23/2021 3:00	1	1,672,154	41,372,921	1.5	6.9	1.0	7.9	6.6
9/23/2021 4:00	1	1,833,331	44,472,949	1.6	7.6	1.1	8.6	7.2
9/23/2021 5:00	1	1,852,339	45,954,541	1.6	7.7	1.2	8.7	7.3
9/23/2021 6:00	1	2,006,856	49,029,270	1.8	8.3	1.3	9.4	7.9
9/23/2021 7:00	1	1,596,557	39,373,044	1.4	6.6	1.0	7.5	6.3
9/23/2021 8:00	1	1,224,514	33,682,033	1.5	5.1	0.8	5.8	4.8
9/23/2021 9:00	1	1,342,322	34,913,253	1.8	5.6	0.8	6.3	5.3
9/23/2021 10:00	1	1,432,386	36,260,232	1.3	6.0	0.9	6.7	5.6
9/23/2021 11:00	1	1,648,685	40,911,096	1.5	6.9	1.0	7.7	6.5
9/23/2021 12:00	1	1,837,010	44,713,040	1.6	7.6	1.1	8.6	7.2
9/23/2021 13:00	1	2,021,863	49,081,852	1.8	8.4	1.3	9.5	7.9
9/23/2021 14:00	1	2,180,147	53,425,040	1.9	9.1	1.4	10.2	8.5
9/23/2021 15:00	1	2,215,389	54,288,672	2.0	9.2	1.4	10.4	8.7

9/23/2021 16:00	1	2,214,776	54,273,635	2.0	9.2	1.4	10.4	8.7
9/23/2021 17:00	1	2,213,714	54,247,625	2.0	9.2	1.4	10.4	8.7
9/23/2021 18:00	1	2,149,907	52,530,619	1.9	8.9	1.3	10.1	8.4
9/23/2021 19:00	1	1,972,875	47,905,380	1.7	8.2	1.2	9.3	7.7
9/23/2021 20:00	1	2,120,224	51,811,917	1.9	8.8	1.3	10.0	8.3
9/23/2021 21:00	1	1,893,821	45,957,808	1.7	7.9	1.2	8.9	7.4
9/23/2021 22:00	1	2,042,944	49,429,154	1.8	8.5	1.3	9.6	8.0
9/23/2021 23:00	1	2,012,864	48,701,364	1.8	8.4	1.3	9.5	7.9
9/24/2021 0:00	1	1,703,866	41,869,675	1.5	7.1	1.1	8.0	6.7
9/24/2021 1:00	1	1,808,328	43,883,875	1.6	7.5	1.1	8.5	7.1
9/24/2021 2:00	1	1,709,273	42,004,008	1.5	7.1	1.1	8.0	6.7
9/24/2021 3:00	1	1,841,528	44,555,879	1.6	7.7	1.1	8.7	7.2
9/24/2021 4:00	1	2,107,441	51,335,365	1.9	8.8	1.3	9.9	8.3
9/24/2021 5:00	1	2,088,036	50,522,376	1.8	8.7	1.3	9.8	8.2
9/24/2021 6:00	1	2,090,775	50,586,429	1.8	8.7	1.3	9.8	8.2
9/24/2021 7:00	1	1,947,620	47,122,777	1.7	8.1	1.2	9.2	7.6
9/24/2021 8:00	1	1,564,158	38,696,723	1.4	6.5	1.0	7.4	6.1
9/24/2021 9:00	1	1,320,900	35,818,457	1.6	5.5	0.8	6.2	5.2
9/24/2021 10:00	1	1,343,037	34,809,218	1.8	5.6	0.8	6.3	5.3
9/24/2021 11:00	1	1,466,188	36,751,223	1.3	6.1	0.9	6.9	5.7
9/24/2021 12:00	1	1,593,311	39,671,461	1.4	6.6	1.0	7.5	6.2
9/24/2021 13:00	1	1,764,140	43,081,214	1.6	7.3	1.1	8.3	6.9
9/24/2021 14:00	1	2,090,601	51,896,045	1.9	8.7	1.3	9.8	8.2
9/24/2021 15:00	1	2,181,584	54,154,549	2.0	9.1	1.4	10.3	8.6
9/24/2021 16:00	1	2,116,234	52,375,853	1.9	8.8	1.3	9.9	8.3
9/24/2021 17:00	1	2,186,851	54,285,286	2.0	9.1	1.4	10.3	8.6
9/24/2021 18:00	1	2,202,871	54,682,974	2.0	9.2	1.4	10.4	8.6
9/24/2021 19:00	1	2,207,925	54,808,435	2.0	9.2	1.4	10.4	8.7
9/24/2021 20:00	1	2,202,380	54,670,778	2.0	9.2	1.4	10.4	8.6
9/24/2021 21:00	1	2,179,488	53,937,003	2.0	9.1	1.4	10.2	8.5
9/24/2021 22:00	1	2,018,519	49,161,356	1.8	8.4	1.3	9.5	7.9
9/24/2021 23:00	1	2,021,324	49,226,918	1.8	8.4	1.3	9.5	7.9
9/25/2021 0:00	1	1,975,090	47,945,492	1.7	8.2	1.2	9.3	7.7
9/25/2021 1:00	1	2,006,808	48,873,990	1.8	8.3	1.3	9.4	7.9
9/25/2021 2:00	1	1,919,795	46,449,543	1.7	8.0	1.2	9.0	7.5
9/25/2021 3:00	1	2,035,612	49,413,404	1.8	8.5	1.3	9.6	8.0
9/25/2021 4:00	1	2,224,357	54,508,423	2.0	9.2	1.4	10.5	8.7
9/25/2021 5:00	1	1,803,678	44,536,970	1.6	7.5	1.1	8.5	7.1
9/25/2021 6:00	1	2,101,666	51,639,995	1.9	8.7	1.3	9.9	8.2
9/25/2021 7:00	0	170,679	4,077,956	11.6	39.9	0.4	0.8	0.7
9/25/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/25/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/25/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/25/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/25/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/25/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/25/2021 14:00	1	801,414	25,040,347	10.9	25.0	0.6	3.8	3.1
9/25/2021 15:00	1	1,915,910	46,349,254	1.7	8.0	1.2	9.0	7.5
9/25/2021 16:00	1	2,213,238	54,235,946	2.0	9.2	1.4	10.4	8.7
9/25/2021 17:00	1	2,208,986	54,131,753	2.0	9.2	1.4	10.4	8.7
9/25/2021 18:00	1	1,938,685	46,906,592	1.7	8.1	1.2	9.1	7.6
9/25/2021 19:00	1	2,093,518	50,652,789	1.8	8.7	1.3	9.8	8.2
9/25/2021 20:00	1	2,202,745	53,978,804	2.0	9.2	1.4	10.4	8.6
9/25/2021 21:00	1	2,017,251	48,807,492	1.8	8.4	1.3	9.5	7.9
9/25/2021 22:00	1	2,046,603	49,517,677	1.8	8.5	1.3	9.6	8.0
9/25/2021 23:00	1	2,095,670	50,704,862	1.8	8.7	1.3	9.8	8.2
9/26/2021 0:00	1	2,002,529	48,451,307	1.8	8.3	1.2	9.4	7.8
9/26/2021 1:00	1	2,039,788	49,352,782	1.8	8.5	1.3	9.6	8.0
9/26/2021 2:00	1	2,024,439	48,981,427	1.8	8.4	1.3	9.5	7.9
9/26/2021 3:00	1	2,019,135	48,853,094	1.8	8.4	1.3	9.5	7.9
9/26/2021 4:00	1	2,003,355	48,471,283	1.8	8.3	1.2	9.4	7.9
9/26/2021 5:00	1	2,001,631	48,517,024	1.8	8.3	1.2	9.4	7.8
9/26/2021 6:00	1	2,063,320	49,922,135	1.8	8.6	1.3	9.7	8.1
9/26/2021 7:00	1	2,091,139	51,243,885	1.9	8.7	1.3	9.8	8.2
9/26/2021 8:00	1	1,220,355	25,417,082	8.3	15.1	1.0	5.7	4.8
9/26/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/26/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/26/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/26/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/26/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/26/2021 14:00	1	802,092	26,703,014	10.4	25.0	0.6	3.8	3.1
9/26/2021 15:00	1	1,577,044	39,212,752	1.7	6.6	1.0	7.4	6.2
9/26/2021 16:00	1	2,053,819	49,692,259	1.8	8.5	1.3	9.7	8.1
9/26/2021 17:00	1	2,215,877	54,300,628	2.0	9.2	1.4	10.4	8.7
9/26/2021 18:00	1	2,202,255	53,966,817	2.0	9.2	1.4	10.4	8.6
9/26/2021 19:00	1	2,203,246	53,819,890	2.0	9.2	1.4	10.4	8.6
9/26/2021 20:00	1	2,191,741	53,709,172	2.0	9.1	1.4	10.3	8.6
9/26/2021 21:00	1	2,032,636	49,179,749	1.8	8.4	1.3	9.6	8.0
9/26/2021 22:00	1	1,898,075	45,924,024	1.7	7.9	1.2	8.9	7.4
9/26/2021 23:00	1	1,371,521	36,188,230	6.0	10.7	0.9	6.4	5.4
9/27/2021 0:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 1:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 2:00	0	0	0	0.0	0.0	0.0	0.0	0.0

9/27/2021 3:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 4:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 5:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 6:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 7:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/27/2021 15:00	1	1,053,056	34,952,264	72.8	20.7	0.7	4.9	4.1
9/27/2021 16:00	1	2,075,337	50,525,381	1.8	8.6	1.3	9.8	8.1
9/27/2021 17:00	1	2,185,956	53,567,405	1.9	9.1	1.4	10.3	8.6
9/27/2021 18:00	1	2,164,715	53,046,869	1.9	9.0	1.3	10.2	8.5
9/27/2021 19:00	1	2,053,247	49,678,432	1.8	8.5	1.3	9.7	8.0
9/27/2021 20:00	1	2,094,242	50,994,871	1.8	8.7	1.3	9.8	8.2
9/27/2021 21:00	1	1,955,368	47,472,722	1.7	8.1	1.2	9.2	7.7
9/27/2021 22:00	1	1,971,016	47,859,803	1.7	8.2	1.2	9.3	7.7
9/27/2021 23:00	1	2,211,773	54,200,038	2.0	9.2	1.4	10.4	8.7
9/28/2021 0:00	1	2,224,354	54,508,356	2.0	9.2	1.4	10.5	8.7
9/28/2021 1:00	1	2,182,819	53,329,699	1.9	9.1	1.4	10.3	8.6
9/28/2021 2:00	1	2,226,164	54,552,715	2.0	9.3	1.4	10.5	8.7
9/28/2021 3:00	1	2,223,160	54,479,084	2.0	9.2	1.4	10.4	8.7
9/28/2021 4:00	1	2,187,964	53,455,081	1.9	9.1	1.4	10.3	8.6
9/28/2021 5:00	1	2,228,766	54,634,134	2.0	9.3	1.4	10.5	8.7
9/28/2021 6:00	1	2,108,724	51,813,300	1.9	8.8	1.3	9.9	8.3
9/28/2021 7:00	0	198,190	4,509,784	10.1	39.5	0.4	0.9	0.8
9/28/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 15:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 16:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 17:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 18:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 19:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 20:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 21:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 22:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/28/2021 23:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 0:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 1:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 2:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 3:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 4:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 5:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 6:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 7:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 15:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 16:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 17:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 18:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 19:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 20:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 21:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 22:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/29/2021 23:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 0:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 1:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 2:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 3:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 4:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 5:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 6:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 7:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
9/30/2021 13:00	1	875,738	25,781,894	68.7	27.3	0.6	4.1	3.4

9/30/2021 14:00	1	1,976,157	48,824,285	1.8	8.2	1.2	9.3	7.7
9/30/2021 15:00	1	2,130,530	52,209,161	1.9	8.9	1.3	10.0	8.4
9/30/2021 16:00	1	2,073,222	50,858,089	1.8	8.6	1.3	9.7	8.1
9/30/2021 17:00	1	2,218,249	55,064,711	2.0	9.2	1.4	10.4	8.7
9/30/2021 18:00	1	2,050,327	50,243,773	1.8	6.4	1.3	9.6	8.0
9/30/2021 19:00	1	1,903,661	46,920,679	1.7	7.9	1.2	8.9	7.5
9/30/2021 20:00	1	1,998,316	49,106,203	1.8	8.3	1.2	9.4	7.8
9/30/2021 21:00	1	1,994,513	48,581,623	1.8	8.3	1.2	9.4	7.8
9/30/2021 22:00	1	1,605,554	40,298,189	2.3	6.7	1.0	7.5	6.3
9/30/2021 23:00	1	1,584,273	40,161,252	2.1	6.6	1.0	7.4	6.2
10/1/2021 0:00	1	1,896,811	46,031,950	1.7	7.9	1.2	8.9	7.4
10/1/2021 1:00	1	1,809,539	43,912,219	1.6	7.5	1.1	8.5	7.1
10/1/2021 2:00	1	1,854,682	44,874,137	1.6	7.7	1.2	8.7	7.3
10/1/2021 3:00	1	1,900,611	45,985,396	1.7	7.9	1.2	8.9	7.5
10/1/2021 4:00	1	1,972,950	47,735,638	1.7	8.2	1.2	9.3	7.7
10/1/2021 5:00	1	2,050,072	49,491,819	1.8	8.5	1.3	9.6	8.0
10/1/2021 6:00	1	1,994,409	48,254,840	1.8	8.3	1.2	9.4	7.8
10/1/2021 7:00	1	2,010,962	48,809,929	1.8	8.4	1.3	9.5	7.9
10/1/2021 8:00	1	1,947,369	47,116,698	1.7	8.1	1.2	9.2	7.6
10/1/2021 9:00	1	1,655,484	41,365,923	1.5	6.9	1.0	7.8	6.5
10/1/2021 10:00	1	1,889,577	45,718,413	1.7	7.9	1.2	8.9	7.4
10/1/2021 11:00	1	1,964,285	47,679,003	1.7	8.2	1.2	9.2	7.7
10/1/2021 12:00	1	1,651,619	41,231,966	2.7	6.9	1.0	7.8	6.5
10/1/2021 13:00	1	1,747,242	43,270,445	2.5	7.3	1.1	8.2	6.8
10/1/2021 14:00	1	1,519,891	39,012,306	2.0	6.3	0.9	7.1	6.0
10/1/2021 15:00	1	2,101,082	51,487,526	1.9	8.7	1.3	9.9	8.2
10/1/2021 16:00	1	2,156,118	52,682,461	1.9	9.0	1.3	10.1	8.5
10/1/2021 17:00	1	2,209,186	54,136,655	2.0	9.2	1.4	10.4	8.7
10/1/2021 18:00	1	2,214,591	54,269,095	2.0	9.2	1.4	10.4	8.7
10/1/2021 19:00	1	2,217,511	54,340,655	2.0	9.2	1.4	10.4	8.7
10/1/2021 20:00	1	2,133,232	52,127,619	1.9	8.9	1.3	10.0	8.4
10/1/2021 21:00	1	2,216,071	54,305,383	2.0	9.2	1.4	10.4	8.7
10/1/2021 22:00	1	1,943,702	47,189,646	1.7	6.1	1.2	9.1	7.6
10/1/2021 23:00	1	2,035,897	49,601,081	1.8	8.5	1.3	9.6	8.0
10/2/2021 0:00	1	1,908,727	46,181,746	1.7	7.9	1.2	9.0	7.5
10/2/2021 1:00	1	1,849,412	44,746,635	1.6	7.7	1.2	8.7	7.2
10/2/2021 2:00	1	1,855,799	44,901,150	1.6	7.7	1.2	8.7	7.3
10/2/2021 3:00	1	1,869,040	45,221,520	1.6	7.8	1.2	8.8	7.3
10/2/2021 4:00	1	1,992,267	48,374,281	1.8	8.3	1.2	9.4	7.8
10/2/2021 5:00	1	2,021,485	50,523,005	1.8	8.4	1.3	9.5	7.9
10/2/2021 6:00	1	1,976,522	47,822,064	1.7	8.2	1.2	9.3	7.7
10/2/2021 7:00	1	1,726,160	42,267,884	1.5	7.2	1.1	8.1	6.8
10/2/2021 8:00	1	1,556,704	39,268,506	2.3	6.5	1.0	7.3	6.1
10/2/2021 9:00	1	1,445,771	36,715,994	1.3	4.5	0.9	6.8	5.7
10/2/2021 10:00	1	1,552,549	39,176,413	1.4	6.5	1.0	7.3	6.1
10/2/2021 11:00	1	1,656,487	41,386,771	1.5	6.9	1.0	7.8	6.5
10/2/2021 12:00	1	1,838,516	44,622,676	1.6	7.6	1.1	8.6	7.2
10/2/2021 13:00	1	1,904,628	46,082,582	1.7	7.9	1.2	9.0	7.5
10/2/2021 14:00	1	1,961,441	49,231,755	1.8	8.2	1.2	9.2	7.7
10/2/2021 15:00	1	2,052,175	51,455,362	1.9	8.5	1.3	9.6	8.0
10/2/2021 16:00	1	2,217,922	55,056,581	2.0	9.2	1.4	10.4	8.7
10/2/2021 17:00	1	2,219,373	55,092,592	2.0	9.2	1.4	10.4	8.7
10/2/2021 18:00	1	2,217,704	54,698,458	2.0	9.2	1.4	10.4	8.7
10/2/2021 19:00	1	2,209,670	54,324,144	2.0	9.2	1.4	10.4	8.7
10/2/2021 20:00	1	2,207,840	54,103,677	2.0	9.2	1.4	10.4	8.7
10/2/2021 21:00	1	2,220,591	54,416,136	2.0	9.2	1.4	10.4	8.7
10/2/2021 22:00	1	2,217,086	54,330,246	2.0	9.2	1.4	10.4	8.7
10/2/2021 23:00	1	2,224,511	54,512,201	2.0	9.2	1.4	10.5	8.7
10/3/2021 0:00	1	2,183,959	53,518,450	1.9	9.1	1.4	10.3	8.6
10/3/2021 1:00	1	1,891,769	45,931,611	1.7	7.9	1.2	8.9	7.4
10/3/2021 2:00	1	1,889,334	45,712,542	1.7	7.9	1.2	8.9	7.4
10/3/2021 3:00	1	1,865,142	45,127,212	1.6	7.8	1.2	8.8	7.3
10/3/2021 4:00	1	1,914,131	46,312,512	1.7	8.0	1.2	9.0	7.5
10/3/2021 5:00	1	2,057,026	49,634,470	1.8	8.5	1.3	9.7	8.1
10/3/2021 6:00	1	1,960,820	47,574,651	1.7	8.1	1.2	9.2	7.7
10/3/2021 7:00	0	823,762	13,632,262	9.5	18.0	0.8	3.9	3.2
10/3/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/3/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/3/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/3/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/3/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/3/2021 13:00	1	796,551	26,108,672	10.1	23.8	0.6	3.7	3.1
10/3/2021 14:00	1	2,143,525	52,681,059	1.9	8.9	1.3	10.1	8.4
10/3/2021 15:00	1	2,214,245	54,260,631	2.0	9.2	1.4	10.4	8.7
10/3/2021 16:00	1	2,220,598	54,592,601	2.0	9.2	1.4	10.4	8.7
10/3/2021 17:00	1	2,218,351	54,361,237	2.0	9.2	1.4	10.4	8.7
10/3/2021 18:00	1	2,214,213	54,259,837	2.0	9.2	1.4	10.4	8.7
10/3/2021 19:00	1	2,217,867	54,349,385	2.0	9.2	1.4	10.4	8.7
10/3/2021 20:00	1	2,200,978	53,935,513	2.0	9.1	1.4	10.3	8.6
10/3/2021 21:00	1	2,217,140	54,331,568	2.0	9.2	1.4	10.4	8.7
10/3/2021 22:00	1	2,210,684	54,173,356	2.0	9.2	1.4	10.4	8.7
10/3/2021 23:00	1	1,800,018	43,679,491	1.6	5.6	1.1	8.5	7.1
10/4/2021 0:00	1	1,630,149	40,197,308	1.5	6.8	1.0	7.7	6.4

10/4/2021 1:00	1	1,525,704	37,873,320	1.4	6.3	0.9	7.2	6.0
10/4/2021 2:00	1	1,612,773	39,773,252	1.5	6.7	1.0	7.6	6.3
10/4/2021 3:00	1	1,675,224	41,183,521	1.5	6.9	1.0	7.9	6.6
10/4/2021 4:00	1	2,059,480	50,174,144	1.8	8.5	1.3	9.7	8.1
10/4/2021 5:00	1	2,227,240	54,587,521	2.0	9.2	1.4	10.5	8.7
10/4/2021 6:00	1	2,193,650	53,755,933	2.0	9.1	1.4	10.3	8.6
10/4/2021 7:00	1	2,054,487	50,345,708	1.8	8.5	1.3	9.7	8.1
10/4/2021 8:00	1	1,585,592	39,721,434	2.3	4.9	1.0	7.5	6.2
10/4/2021 9:00	1	1,436,057	36,962,176	1.9	5.9	0.9	6.7	5.6
10/4/2021 10:00	1	1,571,673	39,662,265	1.4	4.9	1.0	7.4	6.2
10/4/2021 11:00	1	1,798,424	44,345,606	2.6	7.4	1.1	8.5	7.0
10/4/2021 12:00	1	2,154,167	52,631,778	1.9	8.9	1.3	10.1	8.4
10/4/2021 13:00	1	2,126,799	52,325,970	1.9	8.8	1.3	10.0	8.3
10/4/2021 14:00	1	2,218,481	55,070,473	2.0	9.2	1.4	10.4	8.7
10/4/2021 15:00	1	2,215,555	54,997,827	2.0	9.2	1.4	10.4	8.7
10/4/2021 16:00	1	2,213,902	54,252,230	2.0	9.1	1.4	10.4	8.7
10/4/2021 17:00	1	2,213,483	54,769,921	2.0	9.1	1.4	10.4	8.7
10/4/2021 18:00	1	2,205,603	54,048,848	2.0	9.1	1.4	10.4	8.6
10/4/2021 19:00	1	2,136,367	52,201,255	1.9	8.8	1.3	10.0	8.4
10/4/2021 20:00	1	2,012,444	49,315,442	1.8	8.3	1.2	9.5	7.9
10/4/2021 21:00	1	2,053,485	50,453,425	1.8	8.5	1.3	9.7	8.0
10/4/2021 22:00	1	1,852,331	45,245,348	1.6	7.7	1.1	8.7	7.3
10/4/2021 23:00	1	1,731,437	42,253,845	1.5	7.2	1.1	8.1	6.8
10/5/2021 0:00	1	1,609,440	39,934,784	1.5	6.7	1.0	7.6	6.3
10/5/2021 1:00	1	1,642,885	40,644,656	1.5	6.8	1.0	7.7	6.4
10/5/2021 2:00	1	1,841,640	44,558,572	1.6	7.6	1.1	8.7	7.2
10/5/2021 3:00	1	1,771,560	43,272,802	1.6	7.3	1.1	8.3	6.9
10/5/2021 4:00	1	1,843,454	45,174,298	1.6	7.6	1.1	8.7	7.2
10/5/2021 5:00	1	2,218,918	54,459,289	2.0	9.2	1.4	10.4	8.7
10/5/2021 6:00	1	2,084,214	50,772,239	1.9	8.6	1.3	9.8	8.2
10/5/2021 7:00	1	1,950,384	47,645,653	1.7	8.1	1.2	9.2	7.6
10/5/2021 8:00	1	1,689,471	41,512,751	1.5	7.0	1.0	7.9	6.6
10/5/2021 9:00	1	1,703,284	41,723,694	1.5	7.0	1.1	8.0	6.7
10/5/2021 10:00	1	1,643,634	40,785,649	1.5	6.8	1.0	7.7	6.4
10/5/2021 11:00	1	1,569,240	39,201,058	1.4	6.5	1.0	7.4	6.2
10/5/2021 12:00	1	1,701,142	41,954,102	1.5	7.0	1.1	8.0	6.7
10/5/2021 13:00	1	1,657,749	41,005,688	1.5	6.9	1.0	7.8	6.5
10/5/2021 14:00	1	1,847,134	44,825,927	1.6	7.6	1.1	8.7	7.2
10/5/2021 15:00	1	1,970,308	47,671,711	1.7	8.1	1.2	9.3	7.7
10/5/2021 16:00	1	2,103,299	51,398,522	1.9	8.7	1.3	9.9	8.2
10/5/2021 17:00	1	2,228,217	54,603,025	2.0	9.2	1.4	10.5	8.7
10/5/2021 18:00	1	2,228,428	54,608,185	2.0	9.2	1.4	10.5	8.7
10/5/2021 19:00	1	2,231,081	54,673,207	2.0	9.2	1.4	10.5	8.7
10/5/2021 20:00	1	2,151,095	52,562,090	1.9	8.9	1.3	10.1	8.4
10/5/2021 21:00	1	1,669,947	41,166,504	1.5	5.2	1.0	7.8	6.5
10/5/2021 22:00	1	1,957,481	47,361,372	1.7	8.1	1.2	9.2	7.7
10/5/2021 23:00	1	1,692,955	41,316,461	1.5	7.0	1.0	8.0	6.6
10/6/2021 0:00	1	1,681,615	41,469,478	1.5	6.9	1.0	7.9	6.6
10/6/2021 1:00	1	1,553,022	38,551,434	1.4	6.4	1.0	7.3	6.1
10/6/2021 2:00	1	1,605,634	39,857,448	1.4	6.6	1.0	7.5	6.3
10/6/2021 3:00	1	1,630,214	40,196,376	1.5	6.7	1.0	7.7	6.4
10/6/2021 4:00	1	1,711,026	41,897,749	1.5	7.1	1.1	8.0	6.7
10/6/2021 5:00	1	1,827,317	46,512,026	1.6	7.6	1.1	8.6	7.2
10/6/2021 6:00	1	1,876,353	45,398,470	1.6	7.8	1.2	8.8	7.4
10/6/2021 7:00	1	1,413,784	36,301,573	2.7	5.8	0.9	6.6	5.5
10/6/2021 8:00	1	1,371,822	35,897,328	3.9	5.7	0.9	6.4	5.4
10/6/2021 9:00	1	1,482,536	37,920,258	1.4	6.1	0.9	7.0	5.8
10/6/2021 10:00	1	1,453,464	36,917,908	1.3	6.0	0.9	6.8	5.7
10/6/2021 11:00	1	1,437,886	37,434,558	3.0	5.9	0.9	6.8	5.6
10/6/2021 12:00	1	1,478,700	37,927,704	2.5	6.1	0.9	6.9	5.8
10/6/2021 13:00	1	1,556,010	39,455,267	2.0	6.4	1.0	7.3	6.1
10/6/2021 14:00	1	1,385,314	36,712,126	2.1	5.7	0.9	6.5	5.4
10/6/2021 15:00	1	1,816,422	44,907,910	1.6	7.5	1.1	8.5	7.1
10/6/2021 16:00	1	2,081,736	51,531,229	1.9	8.6	1.3	9.8	8.2
10/6/2021 17:00	1	2,203,070	54,687,919	2.0	9.1	1.4	10.4	8.6
10/6/2021 18:00	1	2,063,196	50,907,622	1.9	6.4	1.3	9.7	8.1
10/6/2021 19:00	1	2,023,186	49,753,390	1.8	8.4	1.3	9.5	7.9
10/6/2021 20:00	1	2,209,266	54,841,702	2.0	9.1	1.4	10.4	8.7
10/6/2021 21:00	1	2,117,241	52,410,285	1.9	6.6	1.3	10.0	8.3
10/6/2021 22:00	1	1,841,896	44,837,067	1.6	7.6	1.1	8.7	7.2
10/6/2021 23:00	1	1,924,314	46,725,251	1.7	8.0	1.2	9.0	7.5
10/7/2021 0:00	1	1,812,312	44,121,090	1.6	7.5	1.1	8.5	7.1
10/7/2021 1:00	1	1,843,847	44,611,977	1.6	7.6	1.1	8.7	7.2
10/7/2021 2:00	1	1,848,267	44,718,919	1.6	7.6	1.1	8.7	7.2
10/7/2021 3:00	1	1,841,231	44,548,693	1.6	7.6	1.1	8.7	7.2
10/7/2021 4:00	1	2,157,630	53,253,927	1.9	8.9	1.3	10.1	8.5
10/7/2021 5:00	1	2,223,703	54,519,909	2.0	9.2	1.4	10.5	8.7
10/7/2021 6:00	1	2,225,758	54,542,747	2.0	9.2	1.4	10.5	8.7
10/7/2021 7:00	1	1,945,530	47,369,977	1.7	8.0	1.2	9.1	7.6
10/7/2021 8:00	1	1,940,291	47,080,264	1.7	8.0	1.2	9.1	7.6
10/7/2021 9:00	1	1,381,369	35,927,924	3.2	5.7	0.9	6.5	5.4
10/7/2021 10:00	1	1,432,463	36,966,318	4.3	5.9	0.9	6.7	5.6
10/7/2021 11:00	1	1,443,110	36,631,216	1.6	4.5	0.9	6.8	5.7



10/7/2021 12:00	1	1,405,123	35,689,209	1.3	5.8	0.9	6.6	5.5
10/7/2021 13:00	1	1,412,072	36,096,894	1.6	5.8	0.9	6.6	5.5
10/7/2021 14:00	1	1,924,064	46,699,847	1.7	8.0	1.2	9.0	7.5
10/7/2021 15:00	1	1,880,708	45,638,998	1.7	7.8	1.2	8.8	7.4
10/7/2021 16:00	1	2,030,147	49,730,364	1.8	8.4	1.3	9.5	8.0
10/7/2021 17:00	1	2,218,618	54,367,790	2.0	9.2	1.4	10.4	8.7
10/7/2021 18:00	1	2,202,324	53,968,491	2.0	9.1	1.4	10.4	8.6
10/7/2021 19:00	1	2,158,689	52,899,201	1.9	8.9	1.3	10.1	8.5
10/7/2021 20:00	1	2,073,509	50,668,448	1.8	8.6	1.3	9.7	8.1
10/7/2021 21:00	1	2,003,721	48,815,855	1.8	8.3	1.2	9.4	7.9
10/7/2021 22:00	1	1,885,753	45,625,894	1.7	7.8	1.2	8.9	7.4
10/7/2021 23:00	1	1,805,381	43,950,591	1.6	7.5	1.1	8.5	7.1
10/8/2021 0:00	1	1,852,462	44,820,432	1.6	7.7	1.1	8.7	7.3
10/8/2021 1:00	1	1,718,819	42,120,098	1.5	7.1	1.1	8.1	6.7
10/8/2021 2:00	1	1,795,908	43,869,022	1.6	7.4	1.1	8.4	7.0
10/8/2021 3:00	1	1,908,076	46,166,006	1.7	7.9	1.2	9.0	7.5
10/8/2021 4:00	1	2,095,769	51,030,105	1.8	8.7	1.3	9.9	8.2
10/8/2021 5:00	1	2,252,316	55,193,563	2.0	9.3	1.4	10.6	8.8
10/8/2021 6:00	1	2,249,102	55,114,795	2.0	9.3	1.4	10.6	8.8
10/8/2021 7:00	1	1,764,404	43,681,198	2.5	5.5	1.1	8.3	6.9
10/8/2021 8:00	1	2,089,256	51,658,617	3.0	8.6	1.3	9.8	8.2
10/8/2021 9:00	1	1,302,960	34,888,691	2.3	5.4	0.8	6.1	5.1
10/8/2021 10:00	1	1,149,492	32,311,036	1.6	4.7	0.7	5.4	4.5
10/8/2021 11:00	0	51,805	2,250,455	2.3	15.7	0.2	0.2	0.2
10/8/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/8/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/8/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/8/2021 15:00	1	854,135	25,670,932	10.4	21.9	0.6	4.0	3.3
10/8/2021 16:00	1	1,815,454	44,064,442	1.6	7.5	1.1	8.5	7.1
10/8/2021 17:00	1	2,234,632	54,760,216	2.0	9.2	1.4	10.5	8.8
10/8/2021 18:00	1	2,223,030	54,475,910	2.0	9.2	1.4	10.4	8.7
10/8/2021 19:00	1	2,008,822	48,603,563	1.8	8.3	1.2	9.4	7.9
10/8/2021 20:00	1	2,217,906	54,350,335	2.0	9.2	1.4	10.4	8.7
10/8/2021 21:00	1	2,071,398	50,117,595	1.8	8.6	1.3	9.7	8.1
10/8/2021 22:00	1	2,228,369	54,606,734	2.0	9.2	1.4	10.5	8.7
10/8/2021 23:00	0	882,547	13,862,366	10.9	21.6	0.9	4.1	3.5
10/9/2021 0:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 1:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 2:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 3:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 4:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 5:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 6:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 7:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/9/2021 15:00	1	880,844	26,729,218	12.6	23.1	0.6	4.1	3.5
10/9/2021 16:00	1	1,943,465	48,764,010	2.8	8.0	1.2	9.1	7.6
10/9/2021 17:00	1	2,237,735	54,836,265	2.0	9.2	1.4	10.5	8.8
10/9/2021 18:00	1	2,232,301	54,703,095	2.0	9.2	1.4	10.5	8.8
10/9/2021 19:00	1	2,197,719	53,855,643	2.0	9.1	1.4	10.3	8.6
10/9/2021 20:00	1	2,243,404	54,975,177	2.0	9.3	1.4	10.5	8.8
10/9/2021 21:00	1	2,230,919	54,669,223	2.0	9.2	1.4	10.5	8.7
10/9/2021 22:00	1	2,226,358	54,557,457	2.0	9.2	1.4	10.5	8.7
10/9/2021 23:00	1	2,227,476	54,584,849	2.0	9.2	1.4	10.5	8.7
10/10/2021 0:00	1	2,229,362	54,631,074	2.0	9.2	1.4	10.5	8.7
10/10/2021 1:00	1	2,223,838	54,495,715	2.0	9.2	1.4	10.5	8.7
10/10/2021 2:00	1	2,192,258	53,559,690	2.0	9.1	1.4	10.3	8.6
10/10/2021 3:00	1	2,234,363	54,753,631	2.0	9.2	1.4	10.5	8.8
10/10/2021 4:00	1	2,235,352	54,777,846	2.0	9.2	1.4	10.5	8.8
10/10/2021 5:00	1	2,230,766	54,610,468	2.0	9.2	1.4	10.5	8.7
10/10/2021 6:00	1	2,012,810	48,700,053	1.8	8.3	1.2	9.5	7.9
10/10/2021 7:00	1	838,854	19,637,316	7.7	10.6	0.7	3.9	3.3
10/10/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/10/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/10/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/10/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/10/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/10/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/10/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/10/2021 15:00	0	462,027	9,599,161	35.3	64.4	0.3	2.2	1.8
10/10/2021 16:00	1	1,712,218	43,309,556	3.2	7.1	1.1	8.0	6.7
10/10/2021 17:00	1	2,234,317	54,752,491	2.0	9.2	1.4	10.5	8.8
10/10/2021 18:00	1	2,234,185	54,749,269	2.0	9.2	1.4	10.5	8.8
10/10/2021 19:00	1	2,231,485	54,683,088	2.0	9.2	1.4	10.5	8.7
10/10/2021 20:00	1	2,237,709	54,835,626	2.0	9.2	1.4	10.5	8.8
10/10/2021 21:00	1	2,232,494	54,707,820	2.0	9.2	1.4	10.5	8.8
10/10/2021 22:00	1	2,158,786	52,751,068	1.9	8.9	1.3	10.1	8.5

10/10/2021 23:00	1	1,546,133	38,380,443	1.4	6.4	1.0	7.3	6.1
10/11/2021 0:00	1	1,604,318	39,689,095	1.4	6.6	1.0	7.5	6.3
10/11/2021 1:00	1	1,565,047	38,965,506	1.4	6.5	1.0	7.4	6.1
10/11/2021 2:00	1	1,643,973	40,809,171	1.5	6.8	1.0	7.7	6.4
10/11/2021 3:00	1	1,834,812	44,530,919	1.6	7.6	1.1	8.6	7.2
10/11/2021 4:00	1	2,248,027	55,088,474	2.0	9.3	1.4	10.6	8.8
10/11/2021 5:00	1	2,245,900	55,035,496	2.0	9.3	1.4	10.6	8.8
10/11/2021 6:00	1	1,855,619	46,376,898	2.0	7.7	1.2	8.7	7.3
10/11/2021 7:00	0	134,147	3,770,736	8.6	40.0	0.3	0.6	0.5
10/11/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/11/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/11/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/11/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/11/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/11/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/11/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/11/2021 15:00	1	917,347	34,994,758	8.6	19.0	0.7	4.3	3.6
10/11/2021 16:00	1	1,955,493	47,917,358	1.7	8.1	1.2	9.2	7.7
10/11/2021 17:00	1	2,215,264	54,285,603	2.0	9.2	1.4	10.4	8.7
10/11/2021 18:00	1	2,167,027	53,103,545	1.9	9.0	1.3	10.2	8.5
10/11/2021 19:00	1	2,239,430	54,877,797	2.0	9.3	1.4	10.5	8.8
10/11/2021 20:00	1	2,249,343	55,120,708	2.0	9.3	1.4	10.6	8.8
10/11/2021 21:00	1	1,954,366	48,214,537	1.7	8.1	1.2	9.2	7.7
10/11/2021 22:00	1	1,965,925	48,314,225	1.8	8.1	1.2	9.2	7.7
10/11/2021 23:00	1	1,820,370	44,322,495	1.6	7.5	1.1	8.6	7.1
10/12/2021 0:00	1	1,583,777	39,694,710	1.4	6.5	1.0	7.4	6.2
10/12/2021 1:00	1	1,595,687	39,859,148	1.5	6.6	1.0	7.5	6.3
10/12/2021 2:00	1	1,580,780	39,756,801	1.4	6.5	1.0	7.4	6.2
10/12/2021 3:00	1	1,642,245	41,248,322	1.5	6.8	1.0	7.7	6.4
10/12/2021 4:00	1	1,879,781	46,996,089	3.1	7.8	1.2	8.8	7.4
10/12/2021 5:00	1	2,173,517	55,069,117	1.9	9.0	1.3	10.2	8.5
10/12/2021 6:00	1	2,002,344	49,526,953	2.2	8.3	1.2	9.4	7.8
10/12/2021 7:00	1	878,324	20,588,397	6.5	11.1	0.7	4.1	3.4
10/12/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/12/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/12/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/12/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/12/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/12/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/12/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/12/2021 15:00	1	904,140	38,052,677	7.9	20.9	0.7	4.2	3.5
10/12/2021 16:00	1	1,630,220	42,233,932	2.2	6.7	1.0	7.7	6.4
10/12/2021 17:00	1	2,219,555	54,390,744	2.0	9.2	1.4	10.4	8.7
10/12/2021 18:00	1	2,037,438	49,927,915	1.8	8.4	1.3	9.6	8.0
10/12/2021 19:00	1	2,206,703	54,075,802	2.0	9.1	1.4	10.4	8.7
10/12/2021 20:00	1	2,217,355	54,336,827	2.0	9.2	1.4	10.4	8.7
10/12/2021 21:00	1	2,013,970	49,209,166	1.8	8.3	1.2	9.5	7.9
10/12/2021 22:00	1	1,774,714	43,618,340	1.6	7.3	1.1	8.3	7.0
10/12/2021 23:00	1	1,758,917	43,378,732	1.6	7.3	1.1	8.3	6.9
10/13/2021 0:00	1	1,796,324	44,139,371	1.6	7.4	1.1	8.4	7.0
10/13/2021 1:00	1	1,834,257	44,948,914	1.6	7.6	1.1	8.6	7.2
10/13/2021 2:00	1	1,836,004	45,131,460	1.6	7.6	1.1	8.6	7.2
10/13/2021 3:00	1	1,868,645	45,642,454	1.7	7.7	1.2	8.8	7.3
10/13/2021 4:00	1	2,241,450	55,462,902	2.0	9.3	1.4	10.5	8.8
10/13/2021 5:00	1	2,241,398	55,367,099	2.0	9.3	1.4	10.5	8.8
10/13/2021 6:00	1	2,228,304	55,314,302	2.0	9.2	1.4	10.5	8.7
10/13/2021 7:00	1	1,450,614	37,950,385	2.5	6.0	0.9	6.8	5.7
10/13/2021 8:00	0	617,984	11,454,301	7.9	19.2	0.6	2.9	2.4
10/13/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/13/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/13/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/13/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/13/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/13/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/13/2021 15:00	1	896,401	26,427,447	10.5	25.0	0.6	4.2	3.5
10/13/2021 16:00	1	2,111,032	52,326,364	1.9	8.7	1.3	9.9	8.3
10/13/2021 17:00	1	2,233,687	54,737,058	2.0	9.2	1.4	10.5	8.8
10/13/2021 18:00	1	2,213,748	54,248,454	2.0	9.1	1.4	10.4	8.7
10/13/2021 19:00	1	2,223,627	54,490,542	2.0	9.2	1.4	10.5	8.7
10/13/2021 20:00	1	2,231,104	54,673,757	2.0	9.2	1.4	10.5	8.7
10/13/2021 21:00	1	2,227,743	54,591,404	2.0	9.2	1.4	10.5	8.7
10/13/2021 22:00	1	1,834,815	44,530,609	1.6	7.6	1.1	8.6	7.2
10/13/2021 23:00	1	1,582,970	39,164,163	1.4	6.5	1.0	7.4	6.2
10/14/2021 0:00	1	1,551,666	38,517,768	1.4	6.4	1.0	7.3	6.1
10/14/2021 1:00	1	1,613,268	39,889,928	1.5	6.7	1.0	7.6	6.3
10/14/2021 2:00	1	1,661,186	41,081,117	1.5	6.9	1.0	7.8	6.5
10/14/2021 3:00	1	1,532,239	38,400,565	1.4	6.3	0.9	7.2	6.0
10/14/2021 4:00	1	1,903,793	46,786,998	1.7	7.9	1.2	8.9	7.5
10/14/2021 5:00	1	2,238,912	54,886,869	2.0	9.3	1.4	10.5	8.8
10/14/2021 6:00	1	1,732,210	43,894,556	2.6	7.2	1.1	8.1	6.8
10/14/2021 7:00	0	674,907	11,798,178	4.2	12.8	0.7	3.2	2.6
10/14/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/14/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0

10/14/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/14/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/14/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/14/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/14/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/14/2021 15:00	1	942,485	26,353,642	11.1	25.6	0.6	4.4	3.7
10/14/2021 16:00	1	1,942,912	48,683,950	2.5	8.0	1.2	9.1	7.6
10/14/2021 17:00	1	2,247,812	55,083,198	2.0	9.3	1.4	10.6	8.8
10/14/2021 18:00	1	2,229,915	54,644,613	2.0	9.2	1.4	10.5	8.7
10/14/2021 19:00	1	2,226,622	54,563,925	2.0	9.2	1.4	10.5	8.7
10/14/2021 20:00	1	2,231,262	54,677,620	2.0	9.2	1.4	10.5	8.7
10/14/2021 21:00	1	2,230,904	54,668,862	2.0	9.2	1.4	10.5	8.7
10/14/2021 22:00	1	1,750,035	42,721,550	1.6	7.2	1.1	8.2	6.9
10/14/2021 23:00	1	1,791,175	43,595,771	1.6	7.4	1.1	8.4	7.0
10/15/2021 0:00	1	1,684,126	41,372,542	1.5	7.0	1.0	7.9	6.6
10/15/2021 1:00	1	1,564,689	38,961,206	1.4	6.5	1.0	7.4	6.1
10/15/2021 2:00	1	1,544,364	38,336,522	1.4	6.4	1.0	7.3	6.1
10/15/2021 3:00	1	1,608,002	39,916,239	1.5	6.6	1.0	7.6	6.3
10/15/2021 4:00	1	1,781,200	43,630,020	1.6	7.4	1.1	8.4	7.0
10/15/2021 5:00	1	2,119,410	53,933,865	1.9	8.8	1.3	10.0	8.3
10/15/2021 6:00	1	1,866,478	45,987,744	1.7	7.7	1.2	8.8	7.3
10/15/2021 7:00	0	831,266	13,552,168	10.1	23.0	0.8	3.9	3.3
10/15/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/15/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/15/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/15/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/15/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/15/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/15/2021 14:00	1	841,682	26,491,982	9.8	26.8	0.6	4.0	3.3
10/15/2021 15:00	1	2,026,956	49,958,524	1.8	8.4	1.3	9.5	7.9
10/15/2021 16:00	1	2,062,683	51,203,001	1.9	8.5	1.3	9.7	8.1
10/15/2021 17:00	1	2,229,188	55,158,306	2.0	9.2	1.4	10.5	8.7
10/15/2021 18:00	1	2,244,771	55,008,671	2.0	9.3	1.4	10.6	8.8
10/15/2021 19:00	1	2,243,807	54,985,039	2.0	9.3	1.4	10.5	8.8
10/15/2021 20:00	1	2,239,343	54,875,661	2.0	9.3	1.4	10.5	8.8
10/15/2021 21:00	1	2,238,860	54,863,829	2.0	9.3	1.4	10.5	8.8
10/15/2021 22:00	1	2,232,617	54,710,824	2.0	9.2	1.4	10.5	8.8
10/15/2021 23:00	1	1,902,888	46,467,843	1.7	7.9	1.2	8.9	7.5
10/16/2021 0:00	1	1,963,265	47,501,315	1.7	8.1	1.2	9.2	7.7
10/16/2021 1:00	1	1,611,523	39,960,155	1.5	6.7	1.0	7.6	6.3
10/16/2021 2:00	1	1,592,640	39,914,513	1.5	6.6	1.0	7.5	6.2
10/16/2021 3:00	1	1,830,873	45,152,259	1.6	7.6	1.1	8.6	7.2
10/16/2021 4:00	1	2,012,186	49,638,218	1.8	8.3	1.2	9.5	7.9
10/16/2021 5:00	1	2,231,878	56,106,217	2.0	9.2	1.4	10.5	8.7
10/16/2021 6:00	1	1,912,051	48,221,325	2.1	7.9	1.2	9.0	7.5
10/16/2021 7:00	0	757,678	12,594,152	11.1	18.3	0.8	3.6	3.0
10/16/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/16/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/16/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/16/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/16/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/16/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/16/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/16/2021 15:00	1	852,384	26,845,142	10.0	28.2	0.6	4.0	3.3
10/16/2021 16:00	1	2,109,406	52,506,369	1.9	8.7	1.3	9.9	8.3
10/16/2021 17:00	1	2,239,040	55,046,331	2.0	9.3	1.4	10.5	8.8
10/16/2021 18:00	1	2,233,543	54,733,521	2.0	9.2	1.4	10.5	8.8
10/16/2021 19:00	1	2,224,068	54,501,339	2.0	9.2	1.4	10.5	8.7
10/16/2021 20:00	1	2,231,450	54,682,248	2.0	9.2	1.4	10.5	8.7
10/16/2021 21:00	1	1,888,998	45,979,509	1.7	7.8	1.2	8.9	7.4
10/16/2021 22:00	1	2,230,382	54,656,079	2.0	9.2	1.4	10.5	8.7
10/16/2021 23:00	1	1,773,462	43,167,504	1.6	7.3	1.1	8.3	7.0
10/17/2021 0:00	1	1,731,594	42,553,530	1.5	7.2	1.1	8.1	6.8
10/17/2021 1:00	1	1,697,856	41,858,197	1.5	7.0	1.1	8.0	6.7
10/17/2021 2:00	1	1,649,950	40,957,524	1.5	6.8	1.0	7.8	6.5
10/17/2021 3:00	1	1,658,401	41,167,309	1.5	6.9	1.0	7.8	6.5
10/17/2021 4:00	1	1,911,828	46,256,790	1.7	7.9	1.2	9.0	7.5
10/17/2021 5:00	1	1,833,819	45,402,974	1.6	7.6	1.1	8.6	7.2
10/17/2021 6:00	1	1,514,995	38,343,619	1.7	6.3	0.9	7.1	5.9
10/17/2021 7:00	1	1,239,398	34,078,424	3.0	5.1	0.8	5.8	4.9
10/17/2021 8:00	0	105,245	3,592,255	9.0	52.7	0.3	0.5	0.4
10/17/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/17/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/17/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/17/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/17/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/17/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/17/2021 15:00	1	745,569	29,858,891	11.2	27.5	0.6	3.5	2.9
10/17/2021 16:00	1	1,852,867	46,704,255	2.7	7.7	1.1	8.7	7.3
10/17/2021 17:00	1	2,153,541	52,773,050	1.9	8.9	1.3	10.1	8.4
10/17/2021 18:00	1	1,768,885	43,321,449	1.6	7.3	1.1	8.3	6.9
10/17/2021 19:00	1	1,719,047	42,243,966	1.5	7.1	1.1	8.1	6.7
10/17/2021 20:00	1	1,657,186	41,001,293	1.5	6.8	1.0	7.8	6.5

10/17/2021 21:00	1	1,423,762	36,218,660	2.4	5.9	0.9	6.7	5.6
10/17/2021 22:00	1	1,158,989	32,338,148	1.6	4.8	0.7	5.4	4.5
10/17/2021 23:00	1	1,212,865	33,472,256	2.9	5.0	0.8	5.7	4.8
10/18/2021 0:00	1	1,205,176	33,385,295	1.2	5.0	0.7	5.7	4.7
10/18/2021 1:00	1	1,184,218	32,804,728	1.2	4.9	0.7	5.6	4.6
10/18/2021 2:00	1	1,186,345	32,863,624	1.2	4.9	0.7	5.6	4.7
10/18/2021 3:00	1	1,210,152	33,481,256	1.9	5.0	0.8	5.7	4.7
10/18/2021 4:00	1	1,714,813	42,286,611	1.5	7.1	1.1	8.1	6.7
10/18/2021 5:00	1	1,964,020	48,257,914	1.7	8.1	1.2	9.2	7.7
10/18/2021 6:00	1	2,017,890	49,569,844	1.8	8.3	1.3	9.5	7.9
10/18/2021 7:00	0	214,792	4,665,401	12.1	42.6	0.4	1.0	0.8
10/18/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/18/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/18/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/18/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/18/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/18/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/18/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/18/2021 15:00	1	933,773	35,070,443	9.3	21.1	0.7	4.4	3.7
10/18/2021 16:00	1	1,306,936	35,229,201	2.0	6.8	0.8	6.1	5.1
10/18/2021 17:00	1	1,743,185	42,983,347	1.6	9.0	1.1	8.2	6.8
10/18/2021 18:00	1	1,445,670	37,124,782	2.4	7.5	0.9	6.8	5.7
10/18/2021 19:00	1	1,689,938	41,950,187	1.5	10.5	1.0	7.9	6.6
10/18/2021 20:00	1	1,782,543	43,653,140	1.6	11.0	1.1	8.4	7.0
10/18/2021 21:00	1	1,298,020	34,526,412	1.5	8.0	0.8	6.1	5.1
10/18/2021 22:00	1	1,183,898	33,149,872	1.9	7.3	0.7	5.6	4.6
10/18/2021 23:00	1	2,011,224	48,818,453	1.8	12.5	1.2	9.5	7.9
10/19/2021 0:00	1	1,904,188	46,071,935	1.7	11.8	1.2	8.9	7.5
10/19/2021 1:00	1	1,999,382	48,375,170	1.8	12.4	1.2	9.4	7.8
10/19/2021 2:00	1	2,081,081	50,351,883	1.8	12.9	1.3	9.8	8.2
10/19/2021 3:00	1	2,224,733	54,517,636	2.0	13.8	1.4	10.5	8.7
10/19/2021 4:00	1	2,227,292	54,580,347	2.0	13.8	1.4	10.5	8.7
10/19/2021 5:00	1	2,222,476	54,462,341	2.0	13.8	1.4	10.4	8.7
10/19/2021 6:00	1	2,217,744	54,346,370	2.0	13.7	1.4	10.4	8.7
10/19/2021 7:00	1	1,169,099	24,559,326	7.8	19.2	1.0	5.5	4.6
10/19/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/19/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/19/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/19/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/19/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/19/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/19/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/19/2021 15:00	1	1,006,224	34,778,205	8.6	19.3	0.7	4.7	3.9
10/19/2021 16:00	1	2,190,409	53,676,527	2.0	13.6	1.4	10.3	8.6
10/19/2021 17:00	1	2,229,130	54,625,377	2.0	13.8	1.4	10.5	8.7
10/19/2021 18:00	1	2,220,107	54,404,281	2.0	13.8	1.4	10.4	8.7
10/19/2021 19:00	1	2,223,636	54,490,759	2.0	13.8	1.4	10.5	8.7
10/19/2021 20:00	1	2,218,204	54,357,630	2.0	13.7	1.4	10.4	8.7
10/19/2021 21:00	1	2,218,436	54,363,337	2.0	13.7	1.4	10.4	8.7
10/19/2021 22:00	1	2,219,677	54,393,743	2.0	13.8	1.4	10.4	8.7
10/19/2021 23:00	1	2,221,916	54,276,438	2.0	13.8	1.4	10.4	8.7
10/20/2021 0:00	1	2,227,031	54,400,855	2.0	13.8	1.4	10.5	8.7
10/20/2021 1:00	1	2,218,173	53,668,826	2.0	13.7	1.4	10.4	8.7
10/20/2021 2:00	1	2,221,488	53,749,017	2.0	13.8	1.4	10.4	8.7
10/20/2021 3:00	1	2,226,110	54,206,434	2.0	13.8	1.4	10.5	8.7
10/20/2021 4:00	1	2,221,653	53,753,019	2.0	13.8	1.4	10.4	8.7
10/20/2021 5:00	1	2,226,973	53,881,738	2.0	13.8	1.4	10.5	8.7
10/20/2021 6:00	1	2,221,490	53,749,087	2.0	13.8	1.4	10.4	8.7
10/20/2021 7:00	1	1,912,641	46,608,912	2.4	9.9	1.2	9.0	7.5
10/20/2021 8:00	0	101,765	3,473,485	9.8	56.2	0.3	0.5	0.4
10/20/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/20/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/20/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/20/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/20/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/20/2021 14:00	1	859,526	25,635,697	11.9	23.1	0.6	4.0	3.4
10/20/2021 15:00	1	1,966,276	47,848,240	1.8	10.2	1.2	9.2	7.7
10/20/2021 16:00	1	2,242,601	54,955,499	2.0	13.9	1.4	10.5	8.8
10/20/2021 17:00	1	2,232,367	54,704,704	2.0	13.8	1.4	10.5	8.8
10/20/2021 18:00	1	2,227,431	54,583,743	2.0	13.8	1.4	10.5	8.7
10/20/2021 19:00	1	2,225,530	54,537,157	2.0	13.8	1.4	10.5	8.7
10/20/2021 20:00	1	2,227,752	54,591,608	2.0	13.8	1.4	10.5	8.7
10/20/2021 21:00	1	2,218,248	54,358,717	2.0	13.7	1.4	10.4	8.7
10/20/2021 22:00	1	2,211,476	54,192,759	2.0	13.7	1.4	10.4	8.7
10/20/2021 23:00	1	1,803,594	43,909,592	1.6	11.2	1.1	8.5	7.1
10/21/2021 0:00	1	1,839,586	44,508,883	1.6	11.4	1.1	8.6	7.2
10/21/2021 1:00	1	1,886,952	45,654,913	1.7	11.7	1.2	8.9	7.4
10/21/2021 2:00	1	1,904,761	46,085,803	1.7	11.8	1.2	9.0	7.5
10/21/2021 3:00	1	2,018,061	48,520,991	1.8	12.5	1.3	9.5	7.9
10/21/2021 4:00	1	2,230,168	53,959,040	2.0	13.8	1.4	10.5	8.7
10/21/2021 5:00	1	2,240,394	54,206,453	2.0	13.9	1.4	10.5	8.8
10/21/2021 6:00	1	2,228,249	53,912,618	2.0	13.8	1.4	10.5	8.7
10/21/2021 7:00	1	2,091,653	50,739,196	2.2	10.8	1.3	9.8	8.2

10/21/2021 8:00	0	154,809	4,109,759	12.0	51.6	0.4	0.7	0.6
10/21/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/21/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/21/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/21/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/21/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/21/2021 14:00	1	847,819	25,960,551	11.5	23.9	0.6	4.0	3.3
10/21/2021 15:00	1	1,993,831	48,504,827	1.8	10.3	1.2	9.4	7.8
10/21/2021 16:00	1	2,232,367	54,704,703	2.0	13.8	1.4	10.5	8.8
10/21/2021 17:00	1	2,214,781	54,273,754	2.0	13.7	1.4	10.4	8.7
10/21/2021 18:00	1	2,213,154	54,233,881	2.0	13.7	1.4	10.4	8.7
10/21/2021 19:00	1	2,217,880	54,177,396	2.0	13.7	1.4	10.4	8.7
10/21/2021 20:00	1	2,212,804	54,225,325	2.0	13.7	1.4	10.4	8.7
10/21/2021 21:00	1	2,211,650	54,197,036	2.0	13.7	1.4	10.4	8.7
10/21/2021 22:00	1	1,981,865	47,509,329	1.7	10.2	1.2	9.3	7.8
10/21/2021 23:00	1	2,219,095	54,379,485	2.0	13.8	1.4	10.4	8.7
10/22/2021 0:00	1	2,224,572	54,513,685	2.0	13.8	1.4	10.5	8.7
10/22/2021 1:00	1	2,228,244	54,603,664	2.0	13.8	1.4	10.5	8.7
10/22/2021 2:00	1	2,226,207	54,553,770	2.0	13.8	1.4	10.5	8.7
10/22/2021 3:00	1	2,229,275	54,628,951	2.0	13.8	1.4	10.5	8.7
10/22/2021 4:00	1	2,234,759	54,763,323	2.0	13.9	1.4	10.5	8.8
10/22/2021 5:00	1	2,240,491	54,903,803	2.0	13.9	1.4	10.5	8.8
10/22/2021 6:00	1	2,228,147	54,601,299	2.0	13.8	1.4	10.5	8.7
10/22/2021 7:00	1	1,609,972	39,828,254	1.5	8.3	1.0	7.6	6.3
10/22/2021 8:00	0	813,190	13,022,086	11.1	25.2	0.8	3.8	3.2
10/22/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/22/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/22/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/22/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/22/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/22/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/22/2021 15:00	1	959,989	25,984,302	12.3	22.3	0.6	4.5	3.8
10/22/2021 16:00	1	2,185,372	53,553,082	1.9	11.3	1.4	10.3	8.6
10/22/2021 17:00	1	2,223,255	54,481,414	2.0	9.2	1.4	10.4	8.7
10/22/2021 18:00	1	2,232,825	54,715,929	2.0	9.2	1.4	10.5	8.8
10/22/2021 19:00	1	2,227,743	54,591,400	2.0	9.2	1.4	10.5	8.7
10/22/2021 20:00	1	2,237,369	54,827,275	2.0	9.2	1.4	10.5	8.8
10/22/2021 21:00	1	2,230,045	54,647,805	2.0	9.2	1.4	10.5	8.7
10/22/2021 22:00	1	1,992,600	48,211,077	1.8	8.2	1.2	9.4	7.8
10/22/2021 23:00	1	2,022,540	48,935,463	1.8	8.4	1.3	9.5	7.9
10/23/2021 0:00	1	1,978,399	47,867,466	1.7	8.2	1.2	9.3	7.8
10/23/2021 1:00	1	1,813,571	43,879,449	1.6	7.5	1.1	8.5	7.1
10/23/2021 2:00	1	1,744,212	42,864,576	2.2	7.2	1.1	8.2	6.8
10/23/2021 3:00	1	1,963,532	47,507,756	1.7	8.1	1.2	9.2	7.7
10/23/2021 4:00	1	1,920,501	46,466,627	1.7	7.9	1.2	9.0	7.5
10/23/2021 5:00	1	2,233,546	54,733,590	2.0	13.8	1.4	10.5	8.8
10/23/2021 6:00	1	2,180,923	53,285,876	1.9	13.5	1.4	10.3	8.5
10/23/2021 7:00	1	1,648,025	40,749,066	1.5	8.5	1.0	7.7	6.5
10/23/2021 8:00	0	817,573	13,515,724	10.9	17.7	0.8	3.8	3.2
10/23/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/23/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/23/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/23/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/23/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/23/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/23/2021 15:00	1	840,067	25,442,420	11.8	23.6	0.6	3.9	3.3
10/23/2021 16:00	1	2,169,040	53,152,857	1.9	11.2	1.3	10.2	8.5
10/23/2021 17:00	1	1,818,381	44,265,518	1.6	7.5	1.1	8.5	7.1
10/23/2021 18:00	1	2,205,594	53,881,490	2.0	9.1	1.4	10.4	8.6
10/23/2021 19:00	1	2,182,884	53,329,741	1.9	9.0	1.4	10.3	8.6
10/23/2021 20:00	1	2,216,467	54,315,080	2.0	9.2	1.4	10.4	8.7
10/23/2021 21:00	1	2,227,350	54,581,778	2.0	9.2	1.4	10.5	8.7
10/23/2021 22:00	1	2,049,342	49,583,949	1.8	8.5	1.3	9.6	8.0
10/23/2021 23:00	1	1,804,872	43,802,169	1.6	7.5	1.1	8.5	7.1
10/24/2021 0:00	1	1,918,947	46,703,784	1.7	7.9	1.2	9.0	7.5
10/24/2021 1:00	1	2,012,961	48,844,307	1.8	8.3	1.2	9.5	7.9
10/24/2021 2:00	1	2,022,543	48,935,532	1.8	8.4	1.3	9.5	7.9
10/24/2021 3:00	1	1,890,809	46,033,397	1.7	7.8	1.2	8.9	7.4
10/24/2021 4:00	1	1,906,610	46,281,561	1.7	7.9	1.2	9.0	7.5
10/24/2021 5:00	1	2,233,365	54,729,156	2.0	9.2	1.4	10.5	8.8
10/24/2021 6:00	1	2,071,883	50,129,327	1.8	10.7	1.3	9.7	8.1
10/24/2021 7:00	1	1,374,666	28,528,272	10.0	20.7	1.1	6.5	5.4
10/24/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/24/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/24/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/24/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/24/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/24/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/24/2021 14:00	1	842,526	25,485,395	11.6	23.7	0.6	4.0	3.3
10/24/2021 15:00	1	2,003,069	48,756,983	1.8	8.3	1.2	9.4	7.9
10/24/2021 16:00	1	2,237,037	54,819,151	2.0	11.6	1.4	10.5	8.8
10/24/2021 17:00	1	2,221,189	54,430,794	2.0	13.8	1.4	10.4	8.7
10/24/2021 18:00	1	2,226,642	54,564,409	2.0	13.8	1.4	10.5	8.7

10/24/2021 19:00	1	2,222,771	54,469,551	2.0	13.8	1.4	10.4	8.7
10/24/2021 20:00	1	2,237,591	54,832,727	2.0	13.9	1.4	10.5	8.8
10/24/2021 21:00	1	2,231,892	54,693,058	2.0	13.8	1.4	10.5	8.7
10/24/2021 22:00	1	2,042,473	49,417,743	1.8	12.7	1.3	9.6	8.0
10/24/2021 23:00	1	1,844,636	44,631,066	1.6	9.5	1.1	8.7	7.2
10/25/2021 0:00	1	1,670,311	40,931,399	1.5	6.9	1.0	7.9	6.5
10/25/2021 1:00	1	1,604,782	39,574,262	1.4	8.3	1.0	7.5	6.3
10/25/2021 2:00	1	1,657,308	40,876,178	1.5	8.6	1.0	7.8	6.5
10/25/2021 3:00	1	1,683,538	41,387,446	1.5	7.0	1.0	7.9	6.6
10/25/2021 4:00	1	1,691,799	41,288,250	1.5	7.0	1.0	8.0	6.6
10/25/2021 5:00	1	2,237,325	54,826,212	2.0	11.6	1.4	10.5	8.8
10/25/2021 6:00	1	1,841,674	44,945,188	1.6	9.5	1.1	8.7	7.2
10/25/2021 7:00	1	1,874,872	45,641,105	1.6	9.7	1.2	8.8	7.3
10/25/2021 8:00	1	1,431,947	36,124,944	1.3	7.4	0.9	6.7	5.6
10/25/2021 9:00	1	1,994,280	48,251,718	1.8	10.3	1.2	9.4	7.8
10/25/2021 10:00	1	1,637,301	40,374,736	1.5	8.5	1.0	7.7	6.4
10/25/2021 11:00	1	1,598,213	39,920,602	2.6	6.6	1.0	7.5	6.3
10/25/2021 12:00	1	1,611,945	40,009,252	2.6	8.4	1.0	7.6	6.3
10/25/2021 13:00	1	1,538,372	38,933,824	3.7	6.4	1.0	7.2	6.0
10/25/2021 14:00	1	1,551,468	38,764,925	2.6	6.4	1.0	7.3	6.1
10/25/2021 15:00	1	1,887,692	45,947,038	1.7	7.8	1.2	8.9	7.4
10/25/2021 16:00	1	1,844,597	46,438,433	3.1	9.6	1.1	8.7	7.2
10/25/2021 17:00	1	1,906,575	46,853,203	1.7	7.9	1.2	9.0	7.5
10/25/2021 18:00	1	1,804,045	44,469,556	1.6	7.5	1.1	8.5	7.1
10/25/2021 19:00	1	1,952,887	47,384,145	1.7	8.1	1.2	9.2	7.7
10/25/2021 20:00	1	2,085,102	50,930,224	1.9	8.7	1.3	9.8	8.2
10/25/2021 21:00	1	1,373,908	35,656,055	2.1	5.7	0.9	6.5	5.4
10/25/2021 22:00	1	1,232,286	34,136,286	2.5	6.4	0.8	5.8	4.8
10/25/2021 23:00	1	1,776,159	43,371,241	1.6	7.4	1.1	8.3	7.0
10/26/2021 0:00	1	1,659,597	41,197,006	1.5	8.6	1.0	7.8	6.5
10/26/2021 1:00	1	1,659,145	41,053,136	1.5	8.6	1.0	7.8	6.5
10/26/2021 2:00	1	1,657,658	41,148,874	1.5	8.6	1.0	7.8	6.5
10/26/2021 3:00	1	1,739,265	42,735,376	1.5	7.2	1.1	8.2	6.8
10/26/2021 4:00	1	1,868,845	43,886,255	1.6	7.8	1.2	8.8	7.3
10/26/2021 5:00	1	2,161,246	52,811,225	1.9	9.0	1.3	10.2	8.5
10/26/2021 6:00	1	2,103,495	51,546,664	1.9	10.9	1.3	9.9	8.2
10/26/2021 7:00	0	776,147	12,595,659	9.8	24.2	0.8	3.6	3.0
10/26/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/26/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/26/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/26/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/26/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/26/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/26/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/26/2021 15:00	1	959,361	33,847,288	8.7	19.2	0.7	4.5	3.8
10/26/2021 16:00	1	1,801,886	45,392,675	2.7	9.4	1.1	8.5	7.1
10/26/2021 17:00	1	2,229,659	54,465,307	2.0	9.3	1.4	10.5	8.7
10/26/2021 18:00	1	2,048,525	49,907,455	1.8	10.6	1.3	9.6	8.0
10/26/2021 19:00	1	2,138,500	52,259,837	1.9	11.1	1.3	10.1	8.4
10/26/2021 20:00	1	2,141,884	52,342,318	1.9	13.4	1.3	10.1	8.4
10/26/2021 21:00	1	2,065,203	50,315,121	1.8	10.7	1.3	9.7	8.1
10/26/2021 22:00	1	1,827,921	44,365,829	1.6	7.6	1.1	8.6	7.2
10/26/2021 23:00	1	2,234,258	54,577,544	2.0	9.3	1.4	10.5	8.8
10/27/2021 0:00	1	1,833,054	44,350,833	1.6	7.6	1.1	8.6	7.2
10/27/2021 1:00	1	1,764,549	43,226,975	1.6	7.3	1.1	8.3	6.9
10/27/2021 2:00	1	1,829,707	44,407,840	1.6	7.6	1.1	8.6	7.2
10/27/2021 3:00	1	1,747,150	42,814,358	1.6	7.3	1.1	8.2	6.8
10/27/2021 4:00	1	2,241,212	54,692,362	2.0	11.6	1.4	10.5	8.8
10/27/2021 5:00	1	2,244,287	54,300,642	2.0	14.0	1.4	10.5	8.8
10/27/2021 6:00	1	2,221,144	53,740,707	2.0	13.8	1.4	10.4	8.7
10/27/2021 7:00	1	1,528,040	38,685,516	3.1	7.9	1.0	7.2	6.0
10/27/2021 8:00	0	121,501	3,628,715	11.5	51.0	0.4	0.6	0.5
10/27/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/27/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/27/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/27/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/27/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/27/2021 14:00	1	854,280	25,927,989	10.6	25.2	0.6	4.0	3.3
10/27/2021 15:00	1	1,634,248	42,224,133	3.1	8.5	1.0	7.7	6.4
10/27/2021 16:00	1	2,233,350	54,728,793	2.0	11.6	1.4	10.5	8.8
10/27/2021 17:00	1	2,229,043	54,623,259	2.0	13.9	1.4	10.5	8.7
10/27/2021 18:00	1	2,224,466	54,511,086	2.0	13.9	1.4	10.5	8.7
10/27/2021 19:00	1	2,220,478	54,413,369	2.0	13.8	1.4	10.4	8.7
10/27/2021 20:00	1	2,223,641	54,490,865	2.0	13.9	1.4	10.5	8.7
10/27/2021 21:00	1	2,216,497	54,315,819	2.0	13.8	1.4	10.4	8.7
10/27/2021 22:00	1	2,040,038	49,358,824	1.8	10.6	1.3	9.6	8.0
10/27/2021 23:00	1	1,790,984	43,714,882	1.6	7.4	1.1	8.4	7.0
10/28/2021 0:00	1	1,641,506	40,747,917	1.5	8.5	1.0	7.7	6.4
10/28/2021 1:00	1	1,514,485	37,713,706	1.4	6.3	0.9	7.1	5.9
10/28/2021 2:00	1	1,646,240	40,727,376	1.5	8.6	1.0	7.7	6.5
10/28/2021 3:00	1	1,632,130	40,380,079	1.5	8.5	1.0	7.7	6.4
10/28/2021 4:00	1	1,999,339	46,737,232	1.8	8.3	1.2	9.4	7.8
10/28/2021 5:00	1	2,246,593	54,999,784	2.0	11.7	1.4	10.6	8.8

10/28/2021 6:00	1	2,131,753	51,923,109	1.9	8.9	1.3	10.0	8.4
10/28/2021 7:00	1	1,841,063	44,677,226	1.6	7.7	1.1	8.7	7.2
10/28/2021 8:00	1	1,693,366	41,621,285	1.5	7.0	1.1	8.0	6.6
10/28/2021 9:00	1	1,604,964	40,214,895	1.5	6.7	1.0	7.5	6.3
10/28/2021 10:00	1	1,590,386	40,123,497	1.5	6.6	1.0	7.5	6.2
10/28/2021 11:00	1	1,425,173	36,681,941	1.6	5.9	0.9	6.7	5.6
10/28/2021 12:00	1	1,551,721	39,275,561	1.4	6.4	1.0	7.3	6.1
10/28/2021 13:00	1	1,498,642	38,552,910	2.3	6.2	0.9	7.0	5.9
10/28/2021 14:00	1	1,291,219	34,406,510	1.5	6.7	0.8	6.1	5.1
10/28/2021 15:00	1	1,689,263	43,533,140	2.2	8.8	1.1	7.9	6.6
10/28/2021 16:00	1	2,176,853	53,521,007	1.9	11.3	1.4	10.2	8.5
10/28/2021 17:00	1	2,223,990	54,499,435	2.0	11.6	1.4	10.5	8.7
10/28/2021 18:00	1	2,224,296	54,506,935	2.0	13.9	1.4	10.5	8.7
10/28/2021 19:00	1	2,215,536	54,292,259	2.0	13.8	1.4	10.4	8.7
10/28/2021 20:00	1	2,222,174	54,454,939	2.0	13.9	1.4	10.4	8.7
10/28/2021 21:00	1	2,121,302	51,839,726	1.9	13.2	1.3	10.0	8.3
10/28/2021 22:00	1	1,748,479	42,836,037	1.6	10.9	1.1	8.2	6.9
10/28/2021 23:00	1	1,690,979	41,689,625	1.5	10.5	1.1	7.9	6.6
10/29/2021 0:00	1	1,749,467	42,865,519	1.6	9.1	1.1	8.2	6.9
10/29/2021 1:00	1	1,618,768	40,183,486	1.5	8.4	1.0	7.6	6.3
10/29/2021 2:00	1	1,636,234	40,617,059	1.5	8.5	1.0	7.7	6.4
10/29/2021 3:00	1	1,661,186	41,236,460	1.5	8.6	1.0	7.8	6.5
10/29/2021 4:00	1	1,801,811	43,838,434	1.6	9.4	1.1	8.5	7.1
10/29/2021 5:00	1	2,126,417	53,778,676	1.9	11.0	1.3	10.0	8.3
10/29/2021 6:00	1	2,084,975	50,955,522	1.9	13.0	1.3	9.8	8.2
10/29/2021 7:00	1	1,908,607	46,178,864	1.7	9.9	1.2	9.0	7.5
10/29/2021 8:00	1	1,978,733	47,875,566	1.7	10.3	1.2	9.3	7.8
10/29/2021 9:00	1	1,629,463	40,582,053	1.5	8.5	1.0	7.7	6.4
10/29/2021 10:00	1	1,607,600	40,682,250	1.5	8.4	1.0	7.6	6.3
10/29/2021 11:00	1	1,637,897	41,193,318	1.5	8.5	1.0	7.7	6.4
10/29/2021 12:00	1	1,782,199	43,525,565	1.6	9.3	1.1	8.4	7.0
10/29/2021 13:00	1	1,730,754	42,106,105	1.5	9.0	1.1	8.1	6.8
10/29/2021 14:00	1	1,932,184	47,030,659	1.7	10.0	1.2	9.1	7.6
10/29/2021 15:00	1	1,943,769	47,752,301	1.7	10.1	1.2	9.1	7.6
10/29/2021 16:00	1	2,221,447	54,437,121	2.0	13.8	1.4	10.4	8.7
10/29/2021 17:00	1	2,221,012	54,426,442	2.0	13.8	1.4	10.4	8.7
10/29/2021 18:00	1	2,226,361	54,557,524	2.0	13.9	1.4	10.5	8.7
10/29/2021 19:00	1	2,228,030	54,598,436	2.0	13.9	1.4	10.5	8.7
10/29/2021 20:00	1	2,223,840	54,495,764	2.0	13.9	1.4	10.5	8.7
10/29/2021 21:00	1	2,221,819	54,446,227	2.0	13.9	1.4	10.4	8.7
10/29/2021 22:00	1	1,927,311	46,631,399	1.7	12.0	1.2	9.1	7.6
10/29/2021 23:00	1	2,218,309	54,360,217	2.0	13.8	1.4	10.4	8.7
10/30/2021 0:00	1	2,241,422	54,926,609	2.0	14.0	1.4	10.5	8.8
10/30/2021 1:00	1	2,236,231	54,799,391	2.0	13.9	1.4	10.5	8.8
10/30/2021 2:00	1	2,235,943	54,792,334	2.0	13.9	1.4	10.5	8.8
10/30/2021 3:00	1	2,231,440	54,681,986	2.0	13.9	1.4	10.5	8.7
10/30/2021 4:00	1	2,239,781	54,886,400	2.0	14.0	1.4	10.5	8.8
10/30/2021 5:00	1	2,239,893	54,873,484	2.0	14.0	1.4	10.5	8.8
10/30/2021 6:00	1	2,226,611	54,563,669	2.0	13.9	1.4	10.5	8.7
10/30/2021 7:00	1	1,537,574	41,047,691	8.3	19.6	1.2	7.2	6.0
10/30/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/30/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/30/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/30/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/30/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/30/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/30/2021 14:00	1	848,613	26,144,876	10.7	24.0	0.6	4.0	3.3
10/30/2021 15:00	1	1,859,029	45,720,545	2.0	9.7	1.2	8.7	7.3
10/30/2021 16:00	1	2,028,429	49,946,871	2.9	10.5	1.3	9.5	8.0
10/30/2021 17:00	1	2,219,597	54,391,782	2.0	9.2	1.4	10.4	8.7
10/30/2021 18:00	1	2,165,730	52,917,139	1.9	9.0	1.4	10.2	8.5
10/30/2021 19:00	1	2,061,278	50,216,886	1.8	8.6	1.3	9.7	8.1
10/30/2021 20:00	1	2,235,077	54,771,122	2.0	11.6	1.4	10.5	8.8
10/30/2021 21:00	1	1,837,752	45,146,804	1.6	9.5	1.1	8.6	7.2
10/30/2021 22:00	1	1,727,566	42,321,143	1.5	7.2	1.1	8.1	6.8
10/30/2021 23:00	1	2,028,353	49,076,126	1.8	12.6	1.3	9.5	8.0
10/31/2021 0:00	1	2,024,387	48,980,151	1.8	12.6	1.3	9.5	7.9
10/31/2021 1:00	1	1,911,665	46,252,854	1.7	9.9	1.2	9.0	7.5
10/31/2021 2:00	1	2,223,682	54,491,882	2.0	9.2	1.4	10.5	8.7
10/31/2021 3:00	1	1,884,965	45,746,713	1.7	7.8	1.2	8.9	7.4
10/31/2021 4:00	1	2,078,152	50,280,993	1.8	10.8	1.3	9.8	8.1
10/31/2021 5:00	1	2,242,017	54,928,083	2.0	14.0	1.4	10.5	8.8
10/31/2021 6:00	1	2,099,223	50,790,810	1.8	10.9	1.3	9.9	8.2
10/31/2021 7:00	1	1,382,867	28,768,854	10.0	20.9	1.1	6.5	5.4
10/31/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/31/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/31/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/31/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/31/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/31/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
10/31/2021 14:00	1	806,397	25,080,151	11.8	25.1	0.6	3.8	3.2
10/31/2021 15:00	1	1,779,361	43,319,685	1.6	9.2	1.1	8.4	7.0
10/31/2021 16:00	1	1,908,085	46,598,698	1.7	9.9	1.2	9.0	7.5

10/31/2021 17:00	1	1,754,040	42,835,571	1.6	7.3	1.1	8.2	6.9
10/31/2021 18:00	1	1,673,756	41,412,083	1.5	8.7	1.0	7.9	6.6
10/31/2021 19:00	1	1,844,770	44,634,316	1.6	7.7	1.2	8.7	7.2
10/31/2021 20:00	1	1,853,370	44,842,380	1.6	7.7	1.2	8.7	7.3
10/31/2021 21:00	1	1,824,012	44,261,847	1.6	7.6	1.1	8.6	7.2
10/31/2021 22:00	1	1,982,120	47,957,509	1.7	8.2	1.2	9.3	7.8
10/31/2021 23:00	1	1,605,668	39,858,288	1.4	6.7	1.0	7.5	6.3
11/1/2021 0:00	1	1,660,146	41,210,634	1.5	8.6	1.0	7.8	6.5
11/1/2021 1:00	1	1,662,493	41,268,882	1.5	8.6	1.0	7.8	6.5
11/1/2021 2:00	1	1,661,391	41,241,536	1.5	8.6	1.0	7.8	6.5
11/1/2021 3:00	1	1,667,296	41,253,314	1.5	8.7	1.0	7.8	6.5
11/1/2021 4:00	1	2,022,405	49,691,793	1.8	10.5	1.3	9.5	7.9
11/1/2021 5:00	1	2,056,072	51,810,966	1.8	10.7	1.3	9.7	8.1
11/1/2021 6:00	1	2,236,399	54,803,513	2.0	11.6	1.4	10.5	8.8
11/1/2021 7:00	1	1,925,005	47,156,877	1.7	10.0	1.2	9.0	7.5
11/1/2021 8:00	1	1,649,945	40,689,911	1.8	6.9	1.0	7.8	6.5
11/1/2021 9:00	1	1,812,366	44,119,681	1.6	9.4	1.1	8.5	7.1
11/1/2021 10:00	1	1,734,245	42,487,636	1.5	9.0	1.1	8.2	6.8
11/1/2021 11:00	1	1,487,481	37,288,032	1.4	7.7	0.9	7.0	5.8
11/1/2021 12:00	1	1,681,970	41,335,004	1.5	8.7	1.0	7.9	6.6
11/1/2021 13:00	1	1,904,975	46,374,172	1.7	9.9	1.2	9.0	7.5
11/1/2021 14:00	1	1,995,648	48,761,224	1.8	10.4	1.2	9.4	7.8
11/1/2021 15:00	1	2,028,363	49,248,273	1.8	10.5	1.3	9.5	8.0
11/1/2021 16:00	1	2,037,902	49,939,300	1.8	10.6	1.3	9.6	8.0
11/1/2021 17:00	1	2,232,538	54,708,893	2.0	11.6	1.4	10.5	8.8
11/1/2021 18:00	1	2,231,600	54,685,914	2.0	11.6	1.4	10.5	8.7
11/1/2021 19:00	1	2,228,911	54,620,020	2.0	11.6	1.4	10.5	8.7
11/1/2021 20:00	1	2,222,712	54,468,114	2.0	11.5	1.4	10.4	8.7
11/1/2021 21:00	1	2,217,170	54,332,306	2.0	11.5	1.4	10.4	8.7
11/1/2021 22:00	1	2,070,846	50,449,410	1.8	10.8	1.3	9.7	8.1
11/1/2021 23:00	1	1,847,653	44,704,068	1.6	9.6	1.2	8.7	7.2
11/2/2021 0:00	1	1,688,200	41,496,264	1.5	8.8	1.1	7.9	6.6
11/2/2021 1:00	1	1,845,788	44,800,445	1.6	9.6	1.2	8.7	7.2
11/2/2021 2:00	1	1,622,293	40,135,084	1.5	8.4	1.0	7.6	6.4
11/2/2021 3:00	1	1,633,277	40,411,416	1.5	8.5	1.0	7.7	6.4
11/2/2021 4:00	1	2,008,574	48,597,570	1.8	10.4	1.3	9.4	7.9
11/2/2021 5:00	1	2,225,444	55,118,881	2.0	13.9	1.4	10.5	8.7
11/2/2021 6:00	1	2,233,684	54,736,984	2.0	13.9	1.4	10.5	8.8
11/2/2021 7:00	1	1,722,070	42,041,736	1.5	8.9	1.1	8.1	6.8
11/2/2021 8:00	1	1,719,689	42,390,314	1.5	8.9	1.1	8.1	6.7
11/2/2021 9:00	1	1,896,721	46,157,253	1.7	9.9	1.2	8.9	7.4
11/2/2021 10:00	1	1,579,644	39,322,093	2.8	8.2	1.0	7.4	6.2
11/2/2021 11:00	1	1,248,539	33,708,237	3.4	6.5	0.8	5.9	4.9
11/2/2021 12:00	1	1,198,848	33,081,550	1.9	6.2	0.7	5.6	4.7
11/2/2021 13:00	1	1,493,955	37,933,015	3.6	7.8	0.9	7.0	5.9
11/2/2021 14:00	1	1,366,298	36,129,772	2.6	7.1	0.9	6.4	5.4
11/2/2021 15:00	1	1,789,300	43,788,561	1.6	9.3	1.1	8.4	7.0
11/2/2021 16:00	1	2,242,183	54,945,253	2.0	14.0	1.4	10.5	8.8
11/2/2021 17:00	1	2,234,775	54,763,722	2.0	13.9	1.4	10.5	8.8
11/2/2021 18:00	1	2,229,624	54,637,502	2.0	13.9	1.4	10.5	8.7
11/2/2021 19:00	1	2,224,898	54,521,689	2.0	13.9	1.4	10.5	8.7
11/2/2021 20:00	1	2,232,111	54,698,439	2.0	13.9	1.4	10.5	8.7
11/2/2021 21:00	1	2,217,775	54,347,141	2.0	13.8	1.4	10.4	8.7
11/2/2021 22:00	1	2,049,655	49,591,511	1.8	12.8	1.3	9.6	8.0
11/2/2021 23:00	1	2,234,148	54,748,356	2.0	13.9	1.4	10.5	8.8
11/3/2021 0:00	1	2,235,880	54,790,799	2.0	13.9	1.4	10.5	8.8
11/3/2021 1:00	1	2,242,993	54,965,106	2.0	14.0	1.4	10.5	8.8
11/3/2021 2:00	1	2,234,986	54,768,877	2.0	13.9	1.4	10.5	8.8
11/3/2021 3:00	1	2,238,600	54,857,458	2.0	14.0	1.4	10.5	8.8
11/3/2021 4:00	1	2,242,621	54,955,981	2.0	14.0	1.4	10.5	8.8
11/3/2021 5:00	1	2,246,179	55,041,547	2.0	14.0	1.4	10.6	8.8
11/3/2021 6:00	1	2,230,024	54,647,295	2.0	13.9	1.4	10.5	8.7
11/3/2021 7:00	1	2,042,427	49,265,489	1.8	12.7	1.3	9.6	8.0
11/3/2021 8:00	1	2,115,397	51,838,321	1.9	13.2	1.3	9.9	8.3
11/3/2021 9:00	1	1,654,759	40,671,323	1.5	10.3	1.0	7.8	6.5
11/3/2021 10:00	1	1,749,512	42,589,264	1.6	10.9	1.1	8.2	6.9
11/3/2021 11:00	1	1,768,917	43,060,058	1.6	11.0	1.1	8.3	6.9
11/3/2021 12:00	1	1,657,009	40,709,831	1.5	8.6	1.0	7.8	6.5
11/3/2021 13:00	0	182,689	4,364,912	12.6	40.5	0.4	0.9	0.7
11/3/2021 14:00	0	884,609	17,690,000	14.7	30.5	0.6	4.2	3.5
11/3/2021 15:00	1	1,963,458	48,239,914	1.7	10.2	1.2	9.2	7.7
11/3/2021 16:00	1	2,216,172	54,143,518	2.0	13.8	1.4	10.4	8.7
11/3/2021 17:00	1	2,226,299	54,383,806	2.0	13.9	1.4	10.5	8.7
11/3/2021 18:00	1	2,223,863	54,496,315	2.0	13.9	1.4	10.5	8.7
11/3/2021 19:00	1	2,224,099	54,502,095	2.0	13.9	1.4	10.5	8.7
11/3/2021 20:00	1	2,216,924	54,326,269	2.0	13.8	1.4	10.4	8.7
11/3/2021 21:00	1	2,225,072	54,525,945	2.0	13.9	1.4	10.5	8.7
11/3/2021 22:00	1	2,224,589	54,514,116	2.0	13.9	1.4	10.5	8.7
11/3/2021 23:00	1	2,034,443	49,223,463	1.8	10.6	1.3	9.6	8.0
11/4/2021 0:00	1	1,714,869	42,015,251	1.5	8.9	1.1	8.1	6.7
11/4/2021 1:00	1	1,756,865	42,776,885	1.6	9.1	1.1	8.3	6.9
11/4/2021 2:00	1	1,847,481	44,699,899	1.6	9.6	1.2	8.7	7.2
11/4/2021 3:00	1	1,879,035	45,463,353	1.7	9.8	1.2	8.8	7.4



11/4/2021 4:00	1	2,092,685	50,632,623	1.8	10.9	1.3	9.8	8.2
11/4/2021 5:00	1	2,235,993	54,793,573	2.0	13.9	1.4	10.5	8.8
11/4/2021 6:00	1	2,224,633	54,515,183	2.0	13.9	1.4	10.5	8.7
11/4/2021 7:00	1	1,658,650	40,897,618	1.5	8.6	1.0	7.8	6.5
11/4/2021 8:00	0	825,957	13,322,453	11.7	25.7	0.8	3.9	3.2
11/4/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/4/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/4/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/4/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/4/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/4/2021 14:00	1	714,004	0	11.6	26.3	0.6	3.4	2.8
11/4/2021 15:00	1	1,764,496	43,081,614	1.6	9.2	1.1	8.3	6.9
11/4/2021 16:00	1	2,137,579	52,064,719	1.9	11.1	1.3	10.0	8.4
11/4/2021 17:00	1	2,152,281	52,581,643	1.9	11.2	1.3	10.1	8.4
11/4/2021 18:00	1	2,228,193	54,602,424	2.0	11.6	1.4	10.5	8.7
11/4/2021 19:00	1	2,173,779	53,110,185	1.9	11.3	1.4	10.2	8.5
11/4/2021 20:00	1	1,987,095	48,550,907	1.8	10.3	1.2	9.3	7.8
11/4/2021 21:00	1	1,647,406	40,370,096	1.5	8.6	1.0	7.7	6.5
11/4/2021 22:00	1	1,923,199	46,237,538	1.7	10.0	1.2	9.0	7.5
11/4/2021 23:00	1	1,784,835	43,313,880	1.6	9.3	1.1	8.4	7.0
11/5/2021 0:00	1	1,524,442	37,841,988	1.4	7.9	1.0	7.2	6.0
11/5/2021 1:00	1	1,525,346	37,864,424	1.4	7.9	1.0	7.2	6.0
11/5/2021 2:00	1	1,655,106	40,688,241	1.5	8.6	1.0	7.8	6.5
11/5/2021 3:00	1	1,721,253	42,179,740	1.5	8.9	1.1	8.1	6.7
11/5/2021 4:00	1	2,038,215	49,314,736	1.8	12.7	1.3	9.6	8.0
11/5/2021 5:00	1	2,222,135	54,453,976	2.0	13.9	1.4	10.4	8.7
11/5/2021 6:00	1	2,198,179	53,705,561	2.0	13.7	1.4	10.3	8.6
11/5/2021 7:00	1	1,928,407	46,510,859	1.7	10.0	1.2	9.1	7.6
11/5/2021 8:00	0	783,842	12,907,984	11.0	23.1	0.8	3.7	3.1
11/5/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/5/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/5/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/5/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/5/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/5/2021 14:00	1	725,408	0	11.2	27.8	0.6	3.4	2.8
11/5/2021 15:00	1	1,926,419	47,030,645	2.7	10.0	1.2	9.1	7.6
11/5/2021 16:00	1	2,159,832	52,927,227	1.9	11.2	1.3	10.2	8.5
11/5/2021 17:00	1	2,222,711	54,468,098	2.0	13.9	1.4	10.4	8.7
11/5/2021 18:00	1	2,223,960	54,498,695	2.0	13.9	1.4	10.5	8.7
11/5/2021 19:00	1	2,221,017	54,254,822	2.0	13.8	1.4	10.4	8.7
11/5/2021 20:00	1	2,219,785	54,396,384	2.0	13.8	1.4	10.4	8.7
11/5/2021 21:00	1	2,146,082	52,268,478	1.9	13.4	1.3	10.1	8.4
11/5/2021 22:00	1	1,969,158	47,643,885	1.7	10.2	1.2	9.3	7.7
11/5/2021 23:00	1	2,065,330	49,970,771	1.8	10.7	1.3	9.7	8.1
11/6/2021 0:00	1	2,082,119	50,376,983	1.8	10.8	1.3	9.8	8.2
11/6/2021 1:00	1	1,790,162	43,444,704	1.6	9.3	1.1	8.4	7.0
11/6/2021 2:00	1	1,659,203	40,784,144	1.5	8.6	1.0	7.8	6.5
11/6/2021 3:00	1	1,815,718	44,066,321	1.6	9.4	1.1	8.5	7.1
11/6/2021 4:00	1	2,075,242	50,210,589	1.8	10.8	1.3	9.8	8.1
11/6/2021 5:00	1	2,243,666	54,981,593	2.0	11.7	1.4	10.5	8.8
11/6/2021 6:00	1	2,158,615	52,747,840	1.9	11.2	1.3	10.1	8.5
11/6/2021 7:00	1	2,090,479	50,579,258	1.8	10.9	1.3	9.8	8.2
11/6/2021 8:00	0	748,491	12,918,428	9.4	19.6	0.7	3.5	2.9
11/6/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/6/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/6/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/6/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/6/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/6/2021 14:00	1	880,231	25,589,315	11.6	23.2	0.6	4.1	3.5
11/6/2021 15:00	1	1,690,761	41,543,790	1.8	8.8	1.1	7.9	6.6
11/6/2021 16:00	1	1,894,422	47,311,927	3.5	9.8	1.2	8.9	7.4
11/6/2021 17:00	1	2,216,069	54,305,319	2.0	13.8	1.4	10.4	8.7
11/6/2021 18:00	1	1,961,452	47,628,472	1.7	10.2	1.2	9.2	7.7
11/6/2021 19:00	1	2,223,731	54,493,073	2.0	9.2	1.4	10.5	8.7
11/6/2021 20:00	1	1,962,633	47,486,023	1.7	8.2	1.2	9.2	7.7
11/6/2021 21:00	1	1,714,178	41,868,071	1.5	7.1	1.1	8.1	6.7
11/6/2021 22:00	1	1,564,774	38,843,158	1.4	6.5	1.0	7.4	6.1
11/6/2021 23:00	1	1,580,805	39,241,110	1.4	8.2	1.0	7.4	6.2
11/7/2021 0:00	1	1,556,704	38,765,322	1.4	8.1	1.0	7.3	6.1
11/7/2021 1:00	1	1,403,256	36,109,276	2.6	5.8	0.9	6.6	5.5
11/7/2021 2:00	1	1,781,050	43,774,027	2.9	7.4	1.1	8.4	7.0
11/7/2021 3:00	1	1,859,441	44,989,273	1.6	7.7	1.2	8.7	7.3
11/7/2021 4:00	1	1,993,658	48,236,671	1.8	8.3	1.2	9.4	7.8
11/7/2021 5:00	1	1,848,115	44,715,239	1.6	9.6	1.2	8.7	7.2
11/7/2021 6:00	1	2,042,472	49,417,727	1.8	10.6	1.3	9.6	8.0
11/7/2021 7:00	0	952,292	14,861,471	12.7	26.6	0.9	4.5	3.7
11/7/2021 8:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/7/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/7/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/7/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/7/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/7/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/7/2021 14:00	0	0	0	0.0	0.0	0.0	0.0	0.0

11/7/2021 15:00	1	858,301	25,948,929	12.1	25.3	0.6	4.0	3.4
11/7/2021 16:00	1	2,122,238	51,837,312	1.9	11.0	1.3	10.0	8.3
11/7/2021 17:00	1	2,228,296	54,604,942	2.0	13.9	1.4	10.5	8.7
11/7/2021 18:00	1	2,223,858	54,324,104	2.0	13.9	1.4	10.5	8.7
11/7/2021 19:00	1	2,222,635	54,466,220	2.0	13.9	1.4	10.4	8.7
11/7/2021 20:00	1	2,017,551	49,155,507	1.8	12.6	1.3	9.5	7.9
11/7/2021 21:00	1	1,869,641	45,236,060	1.6	11.7	1.2	8.8	7.3
11/7/2021 22:00	1	1,989,830	48,144,052	1.7	12.4	1.2	9.4	7.8
11/7/2021 23:00	1	1,653,951	40,767,649	1.5	8.6	1.0	7.8	6.5
11/8/2021 0:00	1	1,366,607	35,625,683	3.4	5.7	0.9	6.4	5.4
11/8/2021 1:00	1	1,390,057	35,434,099	2.1	5.8	0.9	6.5	5.4
11/8/2021 2:00	1	2,029,542	49,702,356	1.8	8.4	1.3	9.5	8.0
11/8/2021 3:00	1	2,216,657	54,319,737	2.0	9.2	1.4	10.4	8.7
11/8/2021 4:00	1	2,233,427	54,730,692	2.0	11.6	1.4	10.5	8.8
11/8/2021 5:00	1	2,188,440	53,295,395	1.9	13.6	1.4	10.3	8.6
11/8/2021 6:00	1	2,241,123	54,919,276	2.0	14.0	1.4	10.5	8.8
11/8/2021 7:00	1	2,004,825	48,506,856	1.8	10.4	1.2	9.4	7.9
11/8/2021 8:00	1	930,098	28,257,096	6.7	9.7	0.7	4.4	3.6
11/8/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/8/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/8/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/8/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/8/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/8/2021 14:00	0	600,126	18,299,111	16.4	37.4	0.5	2.8	2.4
11/8/2021 15:00	1	1,809,233	44,008,465	1.6	9.4	1.1	8.5	7.1
11/8/2021 16:00	1	2,223,745	54,493,418	2.0	11.6	1.4	10.5	8.7
11/8/2021 17:00	1	2,227,545	54,586,556	2.0	13.9	1.4	10.5	8.7
11/8/2021 18:00	1	2,230,055	54,648,063	2.0	13.9	1.4	10.5	8.7
11/8/2021 19:00	1	2,228,235	54,603,459	2.0	13.9	1.4	10.5	8.7
11/8/2021 20:00	1	2,222,454	54,461,787	2.0	13.9	1.4	10.4	8.7
11/8/2021 21:00	1	1,881,560	45,660,984	1.7	9.8	1.2	8.8	7.4
11/8/2021 22:00	1	1,749,372	42,728,731	1.6	7.3	1.1	8.2	6.9
11/8/2021 23:00	1	1,718,367	42,097,578	1.5	7.1	1.1	8.1	6.7
11/9/2021 0:00	1	1,581,231	39,251,679	1.4	8.2	1.0	7.4	6.2
11/9/2021 1:00	1	1,388,076	35,575,561	3.6	5.8	0.9	6.5	5.4
11/9/2021 2:00	1	1,386,735	35,461,590	2.3	5.8	0.9	6.5	5.4
11/9/2021 3:00	1	1,388,296	35,363,341	1.8	5.8	0.9	6.5	5.4
11/9/2021 4:00	1	1,545,604	38,367,288	1.4	8.0	1.0	7.3	6.1
11/9/2021 5:00	1	2,005,742	48,529,045	1.8	10.4	1.3	9.4	7.9
11/9/2021 6:00	1	1,717,719	41,949,702	1.5	8.9	1.1	8.1	6.7
11/9/2021 7:00	1	1,579,686	39,430,312	2.6	8.2	1.0	7.4	6.2
11/9/2021 8:00	0	774,254	13,059,836	12.0	22.9	0.7	3.6	3.0
11/9/2021 9:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/9/2021 10:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/9/2021 11:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/9/2021 12:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/9/2021 13:00	0	0	0	0.0	0.0	0.0	0.0	0.0
11/9/2021 14:00	1	717,239	0	11.4	28.5	0.6	3.4	2.8
11/9/2021 15:00	1	1,768,208	43,396,129	2.8	9.2	1.1	8.3	6.9
11/9/2021 16:00	1	2,090,512	51,361,549	1.9	10.9	1.3	9.8	8.2
11/9/2021 17:00	1	2,222,958	54,474,136	2.0	13.9	1.4	10.4	8.7
11/9/2021 18:00	1	2,220,979	54,425,656	2.0	13.8	1.4	10.4	8.7
11/9/2021 19:00	1	2,221,932	54,276,810	2.0	13.9	1.4	10.4	8.7
11/9/2021 20:00	1	2,063,044	49,915,473	1.8	12.9	1.3	9.7	8.1
11/9/2021 21:00	1	1,888,235	45,368,868	1.7	11.8	1.2	8.9	7.4
11/9/2021 22:00	0	940,007	14,763,367	12.7	24.9	0.9	4.4	3.7
11/9/2021 23:00	0	0	0	0.0	0.0	0.0	0.0	0.0

**Notes:**

1. PM10/2.5, VOC, and SO2 emissions were calculated using fuel flow and the emission factors listed in the facility's Title V Permit.

**Unit 1B Hourly Emissions**

Date/Time	Operating Time (hours)	Gas Flow (scfh)	Calculated Stack Flow (scfh)	CO (lbs./hr)	NOx (lbs./hr)	SO2 (lbs./hr) <sup>1</sup>	VOC (lbs./hr) <sup>1</sup>	PM10/PM2.5 (lbs./hr) <sup>1</sup>
9/10/2021 0:00	0	0	0	0	0	0	0	0
9/10/2021 1:00	0	0	0	0	0	0	0	0
9/10/2021 2:00	0	0	0	0	0	0	0	0
9/10/2021 3:00	1	860,339	33,886,545	10	21	1	4	3
9/10/2021 4:00	1	2,014,405	50,235,298	3	8	1	9	8
9/10/2021 5:00	1	2,193,068	54,439,630	2	9	1	10	9
9/10/2021 6:00	1	1,744,547	42,717,550	2	7	1	8	7
9/10/2021 7:00	1	1,244,899	34,242,525	2	5	1	6	5
9/10/2021 8:00	1	1,131,142	31,795,226	2	5	1	5	4
9/10/2021 9:00	1	1,257,888	34,192,576	3	5	1	6	5
9/10/2021 10:00	1	1,528,607	38,930,866	3	6	1	7	6
9/10/2021 11:00	1	1,997,572	48,801,666	2	8	1	9	8
9/10/2021 12:00	1	1,971,109	48,764,446	2	8	1	9	8
9/10/2021 13:00	1	1,644,888	41,235,837	2	7	1	8	6
9/10/2021 14:00	1	1,742,809	43,514,747	2	7	1	8	7
9/10/2021 15:00	1	2,128,142	52,669,515	2	9	1	10	8
9/10/2021 16:00	1	2,183,302	54,197,184	2	9	1	10	9
9/10/2021 17:00	1	2,191,080	54,390,273	2	9	1	10	9
9/10/2021 18:00	1	1,960,260	48,516,936	2	8	1	9	8
9/10/2021 19:00	1	1,812,497	44,405,383	2	8	1	9	7
9/10/2021 20:00	1	1,795,818	44,265,852	2	8	1	8	7
9/10/2021 21:00	1	1,801,243	44,400,871	2	8	1	8	7
9/10/2021 22:00	1	1,936,391	47,008,108	2	8	1	9	8
9/10/2021 23:00	1	1,479,879	37,814,212	2	6	1	7	6
9/11/2021 0:00	1	1,583,446	39,551,750	2	7	1	7	6
9/11/2021 1:00	1	1,433,256	36,046,555	1	6	1	7	6
9/11/2021 2:00	1	1,417,045	35,638,855	1	6	1	7	6
9/11/2021 3:00	1	1,423,597	35,803,636	1	6	1	7	6
9/11/2021 4:00	1	1,790,803	43,884,062	2	7	1	8	7
9/11/2021 5:00	1	2,107,205	51,484,668	2	9	1	10	8
9/11/2021 6:00	1	1,083,834	23,510,348	9	16	1	5	4
9/11/2021 7:00	0	0	0	0	0	0	0	0
9/11/2021 8:00	0	0	0	0	0	0	0	0
9/11/2021 9:00	0	0	0	0	0	0	0	0
9/11/2021 10:00	0	0	0	0	0	0	0	0
9/11/2021 11:00	0	0	0	0	0	0	0	0
9/11/2021 12:00	0	0	0	0	0	0	0	0
9/11/2021 13:00	1	870,267	41,087,077	10	21	1	4	3
9/11/2021 14:00	1	1,811,256	44,235,868	2	8	1	9	7
9/11/2021 15:00	1	1,909,737	46,783,573	2	8	1	9	7
9/11/2021 16:00	1	2,003,077	49,566,213	2	8	1	9	8
9/11/2021 17:00	1	2,193,095	54,440,296	2	9	1	10	9
9/11/2021 18:00	1	2,123,245	52,554,070	2	9	1	10	8
9/11/2021 19:00	1	1,926,751	46,778,832	2	8	1	9	8
9/11/2021 20:00	1	2,137,673	52,732,988	2	9	1	10	8
9/11/2021 21:00	1	2,112,793	52,156,939	2	9	1	10	8
9/11/2021 22:00	1	1,865,056	45,559,805	2	8	1	9	7
9/11/2021 23:00	1	1,943,898	47,635,707	2	8	1	9	8
9/12/2021 0:00	1	1,848,536	45,298,826	2	8	1	9	7
9/12/2021 1:00	1	1,697,076	41,808,040	2	7	1	8	7
9/12/2021 2:00	1	1,740,059	42,775,059	2	7	1	8	7
9/12/2021 3:00	1	1,881,071	45,512,619	2	8	1	9	7
9/12/2021 4:00	1	1,657,678	41,011,736	2	7	1	8	6
9/12/2021 5:00	1	1,753,589	42,960,831	2	7	1	8	7
9/12/2021 6:00	1	1,343,322	35,454,238	2	6	1	6	5
9/12/2021 7:00	0	190,420	4,332,977	11	33	0	1	1
9/12/2021 8:00	0	0	0	0	0	0	0	0
9/12/2021 9:00	0	0	0	0	0	0	0	0
9/12/2021 10:00	0	0	0	0	0	0	0	0
9/12/2021 11:00	0	0	0	0	0	0	0	0
9/12/2021 12:00	1	865,090	39,946,720	9	21	1	4	3
9/12/2021 13:00	1	2,002,980	49,514,216	3	8	1	9	8
9/12/2021 14:00	1	1,950,944	47,656,509	2	8	1	9	8
9/12/2021 15:00	1	1,917,545	47,246,858	2	8	1	9	8
9/12/2021 16:00	1	2,031,024	50,251,147	2	8	1	10	8
9/12/2021 17:00	1	2,193,499	54,450,309	2	9	1	10	9
9/12/2021 18:00	1	2,194,256	54,469,120	2	9	1	10	9
9/12/2021 19:00	1	2,173,046	53,942,598	2	9	1	10	9
9/12/2021 20:00	1	2,093,153	51,813,277	2	9	1	10	8
9/12/2021 21:00	1	1,976,379	48,286,729	2	8	1	9	8
9/12/2021 22:00	1	1,976,337	47,974,919	2	8	1	9	8
9/12/2021 23:00	1	1,720,675	42,955,344	3	7	1	8	7
9/13/2021 0:00	1	1,351,560	35,028,940	2	6	1	6	5
9/13/2021 1:00	1	1,292,596	34,807,890	3	5	1	6	5
9/13/2021 2:00	1	1,362,108	35,304,355	3	6	1	6	5
9/13/2021 3:00	1	1,530,699	38,368,056	1	6	1	7	6





9/19/2021 22:00	0	0	0	0	0	0	0	0
9/19/2021 23:00	0	0	0	0	0	0	0	0
9/20/2021 0:00	0	0	0	0	0	0	0	0
9/20/2021 1:00	0	0	0	0	0	0	0	0
9/20/2021 2:00	0	0	0	0	0	0	0	0
9/20/2021 3:00	0	0	0	0	0	0	0	0
9/20/2021 4:00	0	0	0	0	0	0	0	0
9/20/2021 5:00	0	0	0	0	0	0	0	0
9/20/2021 6:00	0	0	0	0	0	0	0	0
9/20/2021 7:00	0	0	0	0	0	0	0	0
9/20/2021 8:00	0	0	0	0	0	0	0	0
9/20/2021 9:00	0	0	0	0	0	0	0	0
9/20/2021 10:00	0	0	0	0	0	0	0	0
9/20/2021 11:00	0	0	0	0	0	0	0	0
9/20/2021 12:00	0	0	0	0	0	0	0	0
9/20/2021 13:00	0	0	0	0	0	0	0	0
9/20/2021 14:00	1	905,822	39,208,963	80	24	1	4	4
9/20/2021 15:00	1	1,232,063	33,711,781	2	5	1	6	5
9/20/2021 16:00	1	1,691,015	44,329,659	26	5	1	8	7
9/20/2021 17:00	1	2,194,038	0	0	9	1	10	9
9/20/2021 18:00	1	2,129,982	0	0	9	1	10	8
9/20/2021 19:00	1	2,073,208	0	32	9	1	10	8
9/20/2021 20:00	1	1,882,519	0	29	8	1	9	7
9/20/2021 21:00	1	1,785,414	43,461,652	2	6	1	8	7
9/20/2021 22:00	1	1,300,157	34,507,784	2	5	1	6	5
9/20/2021 23:00	1	1,456,775	37,192,984	2	6	1	7	6
9/21/2021 0:00	1	1,284,033	34,334,558	3	5	1	6	5
9/21/2021 1:00	1	1,387,916	36,394,992	2	6	1	7	5
9/21/2021 2:00	1	1,249,976	34,626,305	1	5	1	6	5
9/21/2021 3:00	1	1,384,895	36,854,613	2	6	1	7	5
9/21/2021 4:00	1	1,528,655	38,522,352	2	6	1	7	6
9/21/2021 5:00	1	1,717,678	42,058,340	2	5	1	8	7
9/21/2021 6:00	1	1,596,528	40,486,705	2	7	1	8	6
9/21/2021 7:00	0	186,979	5,956,567	10	36	0	1	1
9/21/2021 8:00	0	0	0	0	0	0	0	0
9/21/2021 9:00	0	0	0	0	0	0	0	0
9/21/2021 10:00	0	0	0	0	0	0	0	0
9/21/2021 11:00	0	0	0	0	0	0	0	0
9/21/2021 12:00	1	872,047	38,785,567	9	20	1	4	3
9/21/2021 13:00	1	2,129,520	52,848,870	2	9	1	10	8
9/21/2021 14:00	1	2,113,899	51,653,000	2	9	1	10	8
9/21/2021 15:00	1	2,179,584	53,585,324	2	9	1	10	9
9/21/2021 16:00	1	2,187,202	53,946,156	2	9	1	10	9
9/21/2021 17:00	1	2,198,891	54,584,174	2	9	1	10	9
9/21/2021 18:00	1	2,200,249	54,617,891	2	9	1	10	9
9/21/2021 19:00	1	2,201,780	54,655,875	2	9	1	10	9
9/21/2021 20:00	1	2,196,725	54,530,393	2	9	1	10	9
9/21/2021 21:00	1	1,864,128	45,241,182	2	8	1	9	7
9/21/2021 22:00	1	2,136,111	52,723,389	2	9	1	10	8
9/21/2021 23:00	1	2,206,940	54,783,973	2	9	1	10	9
9/22/2021 0:00	1	2,209,971	54,859,224	2	9	1	10	9
9/22/2021 1:00	1	2,213,949	54,957,958	2	9	1	10	9
9/22/2021 2:00	1	2,211,845	54,905,734	2	9	1	10	9
9/22/2021 3:00	1	2,214,310	54,966,921	2	9	1	10	9
9/22/2021 4:00	1	2,213,168	54,938,566	2	9	1	10	9
9/22/2021 5:00	1	2,213,364	54,943,438	2	9	1	10	9
9/22/2021 6:00	1	2,211,766	54,903,783	2	9	1	10	9
9/22/2021 7:00	1	1,845,755	46,244,082	2	8	1	9	7
9/22/2021 8:00	0	162,813	4,322,241	10	43	0	1	1
9/22/2021 9:00	0	0	0	0	0	0	0	0
9/22/2021 10:00	0	0	0	0	0	0	0	0
9/22/2021 11:00	0	0	0	0	0	0	0	0
9/22/2021 12:00	0	0	0	0	0	0	0	0
9/22/2021 13:00	1	862,845	38,868,316	9	21	1	4	3
9/22/2021 14:00	1	1,842,243	45,003,322	2	8	1	9	7
9/22/2021 15:00	1	2,057,359	50,259,274	2	9	1	10	8
9/22/2021 16:00	1	1,909,014	48,323,019	3	6	1	9	7
9/22/2021 17:00	1	2,196,224	54,517,956	2	9	1	10	9
9/22/2021 18:00	1	2,195,293	54,494,859	2	9	1	10	9
9/22/2021 19:00	1	2,201,836	54,657,273	2	9	1	10	9
9/22/2021 20:00	1	2,192,162	54,417,127	2	9	1	10	9
9/22/2021 21:00	1	1,888,133	46,403,072	2	8	1	9	7
9/22/2021 22:00	1	1,730,687	42,672,053	2	7	1	8	7
9/22/2021 23:00	1	1,920,669	47,098,216	2	8	1	9	8
9/23/2021 0:00	1	1,709,088	42,132,130	2	7	1	8	7
9/23/2021 1:00	1	1,656,050	40,970,582	2	7	1	8	6
9/23/2021 2:00	1	1,646,498	40,871,845	2	7	1	8	6
9/23/2021 3:00	1	1,659,839	41,203,014	2	7	1	8	7
9/23/2021 4:00	1	1,820,115	44,436,129	2	8	1	9	7
9/23/2021 5:00	1	1,837,039	45,003,182	2	8	1	9	7
9/23/2021 6:00	1	1,989,518	49,086,531	2	8	1	9	8

9/23/2021 7:00	1	1,586,166	39,628,026	1	7	1	7	6
9/23/2021 8:00	1	1,217,945	33,618,342	2	4	1	6	5
9/23/2021 9:00	1	1,332,481	35,135,597	2	6	1	6	5
9/23/2021 10:00	1	1,420,585	36,444,202	1	4	1	7	6
9/23/2021 11:00	1	1,635,544	40,978,559	2	7	1	8	6
9/23/2021 12:00	1	1,820,407	44,309,080	2	8	1	9	7
9/23/2021 13:00	1	2,005,838	49,006,135	2	8	1	9	8
9/23/2021 14:00	1	2,154,877	53,491,593	2	9	1	10	8
9/23/2021 15:00	1	2,189,862	54,360,048	2	9	1	10	9
9/23/2021 16:00	1	2,190,873	54,385,135	2	9	1	10	9
9/23/2021 17:00	1	2,194,363	54,471,759	2	9	1	10	9
9/23/2021 18:00	1	2,135,416	52,852,235	2	9	1	10	8
9/23/2021 19:00	1	1,955,660	47,812,046	2	8	1	9	8
9/23/2021 20:00	1	2,103,148	52,060,447	2	9	1	10	8
9/23/2021 21:00	1	1,879,830	46,065,706	2	8	1	9	7
9/23/2021 22:00	1	2,027,937	49,540,227	2	8	1	10	8
9/23/2021 23:00	1	1,997,498	48,645,876	2	8	1	9	8
9/24/2021 0:00	1	1,691,107	41,556,445	2	7	1	8	7
9/24/2021 1:00	1	1,792,741	43,646,380	2	8	1	8	7
9/24/2021 2:00	1	1,695,898	41,813,413	2	7	1	8	7
9/24/2021 3:00	1	1,825,666	44,596,869	2	8	1	9	7
9/24/2021 4:00	1	2,086,857	51,346,273	2	9	1	10	8
9/24/2021 5:00	1	2,072,379	50,741,974	2	9	1	10	8
9/24/2021 6:00	1	2,076,999	50,897,382	2	9	1	10	8
9/24/2021 7:00	1	1,933,953	47,248,986	2	8	1	9	8
9/24/2021 8:00	1	1,553,226	38,799,255	1	7	1	7	6
9/24/2021 9:00	1	1,312,214	36,095,012	2	6	1	6	5
9/24/2021 10:00	1	1,333,691	35,042,153	2	6	1	6	5
9/24/2021 11:00	1	1,453,449	36,916,013	1	6	1	7	6
9/24/2021 12:00	1	1,580,437	39,736,710	1	7	1	7	6
9/24/2021 13:00	1	1,749,058	42,847,603	2	7	1	8	7
9/24/2021 14:00	1	2,069,707	50,718,684	2	9	1	10	8
9/24/2021 15:00	1	2,178,658	54,081,919	2	9	1	10	9
9/24/2021 16:00	1	2,128,025	52,669,190	2	9	1	10	8
9/24/2021 17:00	1	2,179,325	54,098,463	2	9	1	10	9
9/24/2021 18:00	1	2,189,172	54,168,908	2	9	1	10	9
9/24/2021 19:00	1	2,187,556	54,302,793	2	9	1	10	9
9/24/2021 20:00	1	2,179,451	54,101,607	2	9	1	10	9
9/24/2021 21:00	1	2,160,629	53,634,383	2	9	1	10	8
9/24/2021 22:00	1	2,004,087	48,809,826	2	8	1	9	8
9/24/2021 23:00	1	2,004,591	48,819,404	2	8	1	9	8
9/25/2021 0:00	1	1,959,488	47,566,628	2	8	1	9	8
9/25/2021 1:00	1	1,991,865	48,510,076	2	8	1	9	8
9/25/2021 2:00	1	1,904,974	46,090,959	2	8	1	9	7
9/25/2021 3:00	1	2,017,886	48,983,105	2	8	1	9	8
9/25/2021 4:00	1	2,201,152	54,640,294	2	9	1	10	9
9/25/2021 5:00	1	1,790,196	44,065,898	2	7	1	8	7
9/25/2021 6:00	1	2,083,599	51,547,891	2	9	1	10	8
9/25/2021 7:00	0	191,306	4,570,809	11	42	0	1	1
9/25/2021 8:00	0	0	0	0	0	0	0	0
9/25/2021 9:00	0	0	0	0	0	0	0	0
9/25/2021 10:00	0	0	0	0	0	0	0	0
9/25/2021 11:00	0	0	0	0	0	0	0	0
9/25/2021 12:00	0	0	0	0	0	0	0	0
9/25/2021 13:00	0	0	0	0	0	0	0	0
9/25/2021 14:00	1	876,929	42,150,307	9	21	1	4	3
9/25/2021 15:00	1	1,897,904	46,205,207	2	8	1	9	7
9/25/2021 16:00	1	2,193,742	54,282,709	2	9	1	10	9
9/25/2021 17:00	1	2,195,526	54,500,628	2	9	1	10	9
9/25/2021 18:00	1	1,921,754	46,651,342	2	8	1	9	8
9/25/2021 19:00	1	2,078,226	50,927,444	2	9	1	10	8
9/25/2021 20:00	1	2,189,832	54,359,294	2	9	1	10	9
9/25/2021 21:00	1	2,003,500	48,792,751	2	8	1	9	8
9/25/2021 22:00	1	2,033,090	49,672,980	2	8	1	10	8
9/25/2021 23:00	1	2,081,795	51,014,909	2	9	1	10	8
9/26/2021 0:00	1	1,989,180	48,588,879	2	8	1	9	8
9/26/2021 1:00	1	2,026,786	49,517,970	2	8	1	10	8
9/26/2021 2:00	1	2,010,097	48,949,823	2	8	1	9	8
9/26/2021 3:00	1	2,005,684	48,846,674	2	8	1	9	8
9/26/2021 4:00	1	1,990,594	48,479,385	2	8	1	9	8
9/26/2021 5:00	1	1,989,102	49,578,207	2	8	1	9	8
9/26/2021 6:00	1	2,049,683	50,227,993	2	9	1	10	8
9/26/2021 7:00	1	2,077,236	51,252,040	2	9	1	10	8
9/26/2021 8:00	1	1,218,901	25,614,456	8	17	1	6	5
9/26/2021 9:00	0	0	0	0	0	0	0	0
9/26/2021 10:00	0	0	0	0	0	0	0	0
9/26/2021 11:00	0	0	0	0	0	0	0	0
9/26/2021 12:00	0	0	0	0	0	0	0	0
9/26/2021 13:00	0	0	0	0	0	0	0	0
9/26/2021 14:00	1	871,301	39,665,912	9	21	1	4	3
9/26/2021 15:00	1	1,563,373	39,263,046	2	7	1	7	6

9/26/2021 16:00	1	2,038,551	49,955,206	2	9	1	10	8
9/26/2021 17:00	1	2,203,536	54,699,469	2	9	1	10	9
9/26/2021 18:00	1	2,187,654	54,130,855	2	9	1	10	9
9/26/2021 19:00	1	2,194,336	54,471,101	2	9	1	10	9
9/26/2021 20:00	1	2,182,956	54,188,598	2	9	1	10	9
9/26/2021 21:00	1	2,019,117	49,331,643	2	8	1	9	8
9/26/2021 22:00	1	1,882,381	45,986,489	2	8	1	9	7
9/26/2021 23:00	1	1,571,617	39,787,959	2	7	1	7	6
9/27/2021 0:00	1	1,649,455	40,931,966	2	7	1	8	6
9/27/2021 1:00	1	1,943,322	47,018,777	2	8	1	9	8
9/27/2021 2:00	1	1,709,555	42,025,976	2	7	1	8	7
9/27/2021 3:00	1	1,913,825	46,441,587	2	8	1	9	8
9/27/2021 4:00	1	1,931,259	46,726,916	2	8	1	9	8
9/27/2021 5:00	1	2,129,016	52,018,562	2	9	1	10	8
9/27/2021 6:00	1	2,107,265	51,481,763	2	9	1	10	8
9/27/2021 7:00	0	983,788	15,642,632	12	22	1	5	4
9/27/2021 8:00	0	0	0	0	0	0	0	0
9/27/2021 9:00	0	0	0	0	0	0	0	0
9/27/2021 10:00	0	0	0	0	0	0	0	0
9/27/2021 11:00	0	0	0	0	0	0	0	0
9/27/2021 12:00	0	0	0	0	0	0	0	0
9/27/2021 13:00	0	0	0	0	0	0	0	0
9/27/2021 14:00	0	158,815	8,432,231	20	17	0	1	1
9/27/2021 15:00	1	1,251,004	33,815,250	5	16	1	6	5
9/27/2021 16:00	1	2,058,541	50,601,772	2	9	1	10	8
9/27/2021 17:00	1	2,168,504	53,664,270	2	9	1	10	9
9/27/2021 18:00	1	2,151,535	53,247,225	2	9	1	10	8
9/27/2021 19:00	1	2,040,161	49,994,646	2	9	1	10	8
9/27/2021 20:00	1	2,080,910	50,993,227	2	9	1	10	8
9/27/2021 21:00	1	1,942,472	47,600,768	2	8	1	9	8
9/27/2021 22:00	1	1,955,734	47,925,757	2	8	1	9	8
9/27/2021 23:00	1	2,198,262	54,394,290	2	9	1	10	9
9/28/2021 0:00	1	2,208,063	54,811,844	2	9	1	10	9
9/28/2021 1:00	1	2,168,683	53,670,455	2	9	1	10	9
9/28/2021 2:00	1	2,209,317	54,842,979	2	9	1	10	9
9/28/2021 3:00	1	2,204,951	54,734,603	2	9	1	10	9
9/28/2021 4:00	1	2,170,630	53,717,977	2	9	1	10	9
9/28/2021 5:00	1	2,209,276	54,846,779	2	9	1	10	9
9/28/2021 6:00	1	2,089,644	52,013,774	2	9	1	10	8
9/28/2021 7:00	0	218,764	4,751,684	12	45	0	1	1
9/28/2021 8:00	0	0	0	0	0	0	0	0
9/28/2021 9:00	0	0	0	0	0	0	0	0
9/28/2021 10:00	0	0	0	0	0	0	0	0
9/28/2021 11:00	0	0	0	0	0	0	0	0
9/28/2021 12:00	0	0	0	0	0	0	0	0
9/28/2021 13:00	0	0	0	0	0	0	0	0
9/28/2021 14:00	0	0	0	0	0	0	0	0
9/28/2021 15:00	0	0	0	0	0	0	0	0
9/28/2021 16:00	0	0	0	0	0	0	0	0
9/28/2021 17:00	0	0	0	0	0	0	0	0
9/28/2021 18:00	0	0	0	0	0	0	0	0
9/28/2021 19:00	0	0	0	0	0	0	0	0
9/28/2021 20:00	0	0	0	0	0	0	0	0
9/28/2021 21:00	0	0	0	0	0	0	0	0
9/28/2021 22:00	1	864,788	40,897,740	30	22	1	4	3
9/28/2021 23:00	1	1,469,674	36,949,086	1	6	1	7	6
9/29/2021 0:00	1	1,383,838	35,267,756	1	6	1	7	5
9/29/2021 1:00	1	1,351,430	34,907,235	2	6	1	6	5
9/29/2021 2:00	1	1,373,750	35,244,829	1	6	1	6	5
9/29/2021 3:00	1	1,584,292	39,543,021	1	7	1	7	6
9/29/2021 4:00	1	1,592,740	39,642,492	1	7	1	7	6
9/29/2021 5:00	1	1,669,028	43,065,794	2	5	1	8	7
9/29/2021 6:00	1	1,583,434	39,830,004	2	7	1	7	6
9/29/2021 7:00	1	1,329,016	35,470,107	3	6	1	6	5
9/29/2021 8:00	0	232,157	4,823,334	12	36	0	1	1
9/29/2021 9:00	0	0	0	0	0	0	0	0
9/29/2021 10:00	0	0	0	0	0	0	0	0
9/29/2021 11:00	0	0	0	0	0	0	0	0
9/29/2021 12:00	0	0	0	0	0	0	0	0
9/29/2021 13:00	0	0	0	0	0	0	0	0
9/29/2021 14:00	0	0	0	0	0	0	0	0
9/29/2021 15:00	0	0	0	0	0	0	0	0
9/29/2021 16:00	1	909,233	35,463,398	10	20	1	4	4
9/29/2021 17:00	1	2,093,106	51,614,529	2	9	1	10	8
9/29/2021 18:00	1	2,154,681	52,972,308	2	9	1	10	8
9/29/2021 19:00	1	2,149,637	52,848,437	2	9	1	10	8
9/29/2021 20:00	1	2,154,312	52,963,582	2	9	1	10	8
9/29/2021 21:00	1	2,178,142	54,069,096	2	9	1	10	9
9/29/2021 22:00	1	2,134,035	52,467,884	2	9	1	10	8
9/29/2021 23:00	1	1,937,933	47,024,708	2	8	1	9	8
9/30/2021 0:00	1	1,728,803	42,364,751	2	7	1	8	7





10/3/2021 10:00	0	0	0	0	0	0	0	0
10/3/2021 11:00	0	0	0	0	0	0	0	0
10/3/2021 12:00	0	0	0	0	0	0	0	0
10/3/2021 13:00	1	857,151	0	9	22	1	4	3
10/3/2021 14:00	1	2,118,768	52,420,753	2	9	1	10	8
10/3/2021 15:00	1	2,186,892	54,286,319	2	9	1	10	9
10/3/2021 16:00	1	2,196,266	54,519,002	2	9	1	10	9
10/3/2021 17:00	1	2,201,389	54,470,451	2	9	1	10	9
10/3/2021 18:00	1	2,202,924	54,684,285	2	9	1	10	9
10/3/2021 19:00	1	2,206,609	54,775,749	2	9	1	10	9
10/3/2021 20:00	1	2,192,039	54,414,088	2	9	1	10	9
10/3/2021 21:00	1	2,198,876	54,583,789	2	9	1	10	9
10/3/2021 22:00	1	2,188,114	54,316,646	2	9	1	10	9
10/3/2021 23:00	1	1,787,565	43,643,816	2	7	1	8	7
10/4/2021 0:00	1	1,618,845	40,048,118	2	7	1	8	6
10/4/2021 1:00	1	1,514,915	37,605,493	1	6	1	7	6
10/4/2021 2:00	1	1,600,780	39,863,326	1	7	1	8	6
10/4/2021 3:00	1	1,662,234	41,262,455	2	7	1	8	7
10/4/2021 4:00	1	2,039,906	49,872,400	2	8	1	10	8
10/4/2021 5:00	1	2,200,684	54,628,686	2	9	1	10	9
10/4/2021 6:00	1	2,177,403	53,707,240	2	9	1	10	9
10/4/2021 7:00	1	2,038,678	50,308,163	2	8	1	10	8
10/4/2021 8:00	1	1,574,631	39,712,735	2	7	1	7	6
10/4/2021 9:00	1	1,425,671	36,943,317	2	6	1	7	6
10/4/2021 10:00	1	1,559,568	39,746,308	2	5	1	7	6
10/4/2021 11:00	1	1,785,844	44,317,316	3	7	1	8	7
10/4/2021 12:00	1	2,131,821	52,759,836	2	9	1	10	8
10/4/2021 13:00	1	2,103,482	52,068,762	2	9	1	10	8
10/4/2021 14:00	1	2,193,046	54,439,068	2	9	1	10	9
10/4/2021 15:00	1	2,193,287	54,445,066	2	9	1	10	9
10/4/2021 16:00	1	2,186,994	54,288,832	2	9	1	10	9
10/4/2021 17:00	1	2,189,572	54,352,850	2	9	1	10	9
10/4/2021 18:00	1	2,186,366	54,273,266	2	9	1	10	9
10/4/2021 19:00	1	2,119,965	52,471,289	2	9	1	10	8
10/4/2021 20:00	1	1,993,268	49,318,972	2	8	1	9	8
10/4/2021 21:00	1	2,032,122	50,444,373	2	8	1	10	8
10/4/2021 22:00	1	1,837,305	45,158,861	2	8	1	9	7
10/4/2021 23:00	1	1,715,410	42,113,399	2	7	1	8	7
10/5/2021 0:00	1	1,594,977	39,701,474	1	7	1	7	6
10/5/2021 1:00	1	1,628,538	40,548,638	2	7	1	8	6
10/5/2021 2:00	1	1,823,737	44,691,127	2	8	1	9	7
10/5/2021 3:00	1	1,755,766	43,025,487	2	7	1	8	7
10/5/2021 4:00	1	1,828,298	44,934,341	2	8	1	9	7
10/5/2021 5:00	1	2,190,901	54,212,486	2	7	1	10	9
10/5/2021 6:00	1	2,061,571	50,719,589	2	9	1	10	8
10/5/2021 7:00	1	1,937,870	47,629,774	2	8	1	9	8
10/5/2021 8:00	1	1,676,377	41,191,290	2	7	1	8	7
10/5/2021 9:00	1	1,690,704	41,548,339	2	7	1	8	7
10/5/2021 10:00	1	1,630,867	40,607,386	2	7	1	8	6
10/5/2021 11:00	1	1,556,849	39,276,864	1	6	1	7	6
10/5/2021 12:00	1	1,687,840	41,898,099	2	5	1	8	7
10/5/2021 13:00	1	1,645,058	40,816,251	2	7	1	8	6
10/5/2021 14:00	1	1,829,565	44,536,352	2	8	1	9	7
10/5/2021 15:00	1	1,953,816	47,733,096	2	8	1	9	8
10/5/2021 16:00	1	2,079,274	51,160,439	2	9	1	10	8
10/5/2021 17:00	1	2,203,421	54,520,869	2	9	1	10	9
10/5/2021 18:00	1	2,202,345	54,669,922	2	9	1	10	9
10/5/2021 19:00	1	2,204,129	54,714,196	2	9	1	10	9
10/5/2021 20:00	1	2,127,973	52,669,837	2	9	1	10	8
10/5/2021 21:00	1	1,656,413	40,959,459	2	7	1	8	6
10/5/2021 22:00	1	1,940,032	47,096,612	2	8	1	9	8
10/5/2021 23:00	1	1,680,022	41,388,992	2	7	1	8	7
10/6/2021 0:00	1	1,669,610	41,440,501	2	7	1	8	7
10/6/2021 1:00	1	1,541,433	38,767,222	1	6	1	7	6
10/6/2021 2:00	1	1,594,196	39,961,013	2	7	1	7	6
10/6/2021 3:00	1	1,618,311	40,290,085	2	7	1	8	6
10/6/2021 4:00	1	1,697,702	42,111,580	2	7	1	8	7
10/6/2021 5:00	1	1,813,016	44,162,207	2	6	1	9	7
10/6/2021 6:00	1	1,860,688	45,304,722	2	8	1	9	7
10/6/2021 7:00	1	1,405,291	36,324,059	4	6	1	7	6
10/6/2021 8:00	1	1,362,071	34,782,213	4	6	1	6	5
10/6/2021 9:00	1	1,472,312	37,772,345	2	6	1	7	6
10/6/2021 10:00	1	1,442,742	37,139,062	2	6	1	7	6
10/6/2021 11:00	1	1,427,875	37,688,311	3	6	1	7	6
10/6/2021 12:00	1	1,468,380	38,175,371	3	6	1	7	6
10/6/2021 13:00	1	1,545,933	39,460,123	2	6	1	7	6
10/6/2021 14:00	1	1,375,635	36,711,199	2	6	1	6	5
10/6/2021 15:00	1	1,808,041	44,702,573	2	8	1	8	7
10/6/2021 16:00	1	2,068,003	51,191,334	2	9	1	10	8
10/6/2021 17:00	1	2,183,085	54,191,814	2	9	1	10	9
10/6/2021 18:00	1	2,045,528	50,471,505	2	9	1	10	8

10/6/2021 19:00	1	2,005,483	49,317,914	2	8	1	9	8
10/6/2021 20:00	1	2,188,554	54,327,570	2	9	1	10	9
10/6/2021 21:00	1	2,100,749	52,001,998	2	9	1	10	8
10/6/2021 22:00	1	1,828,834	44,816,034	2	8	1	9	7
10/6/2021 23:00	1	1,907,979	46,755,501	2	8	1	9	7
10/7/2021 0:00	1	1,799,138	44,078,147	2	7	1	8	7
10/7/2021 1:00	1	1,829,050	44,821,314	2	8	1	9	7
10/7/2021 2:00	1	1,833,251	44,781,965	2	8	1	9	7
10/7/2021 3:00	1	1,826,558	44,760,257	2	8	1	9	7
10/7/2021 4:00	1	2,136,879	52,741,104	2	9	1	10	8
10/7/2021 5:00	1	2,208,227	54,815,931	2	9	1	10	9
10/7/2021 6:00	1	2,210,384	54,869,463	2	9	1	10	9
10/7/2021 7:00	1	1,933,382	47,378,010	2	8	1	9	8
10/7/2021 8:00	1	1,927,593	47,373,479	2	8	1	9	8
10/7/2021 9:00	1	1,373,851	35,974,663	3	6	1	6	5
10/7/2021 10:00	1	1,423,236	36,978,089	4	6	1	7	6
10/7/2021 11:00	1	1,433,674	36,637,087	2	6	1	7	6
10/7/2021 12:00	1	1,395,495	35,801,737	1	6	1	7	5
10/7/2021 13:00	1	1,401,764	36,076,924	2	6	1	7	5
10/7/2021 14:00	1	1,909,689	46,463,141	2	6	1	9	7
10/7/2021 15:00	1	1,867,593	45,620,843	2	8	1	9	7
10/7/2021 16:00	1	2,011,555	49,628,506	2	8	1	9	8
10/7/2021 17:00	1	2,204,864	54,556,928	2	9	1	10	9
10/7/2021 18:00	1	2,193,519	54,450,827	2	9	1	10	9
10/7/2021 19:00	1	2,149,022	53,186,607	2	9	1	10	8
10/7/2021 20:00	1	2,063,648	51,080,884	2	9	1	10	8
10/7/2021 21:00	1	1,987,585	48,731,806	2	8	1	9	8
10/7/2021 22:00	1	1,871,820	45,288,784	2	8	1	9	7
10/7/2021 23:00	1	1,792,701	43,778,423	2	7	1	8	7
10/8/2021 0:00	1	1,837,910	44,468,338	2	8	1	9	7
10/8/2021 1:00	1	1,707,972	42,397,837	2	7	1	8	7
10/8/2021 2:00	1	1,782,974	43,692,227	2	7	1	8	7
10/8/2021 3:00	1	1,895,323	45,857,443	2	8	1	9	7
10/8/2021 4:00	1	2,082,311	51,027,552	2	9	1	10	8
10/8/2021 5:00	1	2,224,066	54,473,487	34	14	1	10	9
10/8/2021 6:00	1	2,225,159	55,236,244	2	7	1	10	9
10/8/2021 7:00	1	1,755,482	43,868,542	2	7	1	8	7
10/8/2021 8:00	1	2,070,954	51,560,557	3	9	1	10	8
10/8/2021 9:00	1	1,296,789	34,866,194	2	5	1	6	5
10/8/2021 10:00	1	1,147,104	32,243,904	1	5	1	5	4
10/8/2021 11:00	0	191,701	4,362,123	11	30	0	1	1
10/8/2021 12:00	0	0	0	0	0	0	0	0
10/8/2021 13:00	0	0	0	0	0	0	0	0
10/8/2021 14:00	0	415,984	0	17	49	0	2	2
10/8/2021 15:00	1	1,271,122	34,719,067	3	8	1	6	5
10/8/2021 16:00	1	1,801,490	44,433,634	3	7	1	8	7
10/8/2021 17:00	1	2,214,861	54,805,779	2	14	1	10	9
10/8/2021 18:00	1	2,212,200	54,914,557	2	14	1	10	9
10/8/2021 19:00	1	1,998,004	48,650,491	2	8	1	9	8
10/8/2021 20:00	1	2,209,471	54,846,807	2	14	1	10	9
10/8/2021 21:00	1	2,061,010	50,505,556	2	9	1	10	8
10/8/2021 22:00	1	2,219,244	54,912,628	2	14	1	10	9
10/8/2021 23:00	0	904,802	14,579,716	11	25	1	4	4
10/9/2021 0:00	1	853,806	0	9	22	1	4	3
10/9/2021 1:00	1	2,006,977	49,306,786	3	8	1	9	8
10/9/2021 2:00	1	2,070,022	50,566,262	2	9	1	10	8
10/9/2021 3:00	1	2,103,912	51,556,894	2	9	1	10	8
10/9/2021 4:00	1	2,082,058	50,708,071	2	9	1	10	8
10/9/2021 5:00	1	1,865,929	45,422,734	2	6	1	9	7
10/9/2021 6:00	1	1,915,639	47,140,171	3	8	1	9	8
10/9/2021 7:00	0	322,821	5,319,337	17	39	1	2	1
10/9/2021 8:00	0	0	0	0	0	0	0	0
10/9/2021 9:00	0	0	0	0	0	0	0	0
10/9/2021 10:00	0	0	0	0	0	0	0	0
10/9/2021 11:00	0	0	0	0	0	0	0	0
10/9/2021 12:00	0	0	0	0	0	0	0	0
10/9/2021 13:00	0	0	0	0	0	0	0	0
10/9/2021 14:00	0	0	0	0	0	0	0	0
10/9/2021 15:00	1	878,165	40,004,549	13	22	1	4	3
10/9/2021 16:00	1	1,922,923	48,772,924	3	8	1	9	8
10/9/2021 17:00	1	2,216,982	54,680,240	2	9	1	10	9
10/9/2021 18:00	1	2,216,832	55,029,523	2	9	1	10	9
10/9/2021 19:00	1	2,186,195	54,103,597	2	9	1	10	9
10/9/2021 20:00	1	2,222,728	55,175,877	2	9	1	10	9
10/9/2021 21:00	1	2,214,656	54,975,515	2	9	1	10	9
10/9/2021 22:00	1	2,213,624	54,949,897	2	9	1	10	9
10/9/2021 23:00	1	2,216,343	55,017,396	2	9	1	10	9
10/10/2021 0:00	1	2,218,326	55,066,617	2	9	1	10	9
10/10/2021 1:00	1	2,214,403	54,792,538	2	9	1	10	9
10/10/2021 2:00	1	2,183,934	53,870,753	2	9	1	10	9
10/10/2021 3:00	1	2,223,855	55,027,171	2	9	1	10	9



10/13/2021 13:00	0	0	0	0	0	0	0	0
10/13/2021 14:00	0	110,071	8,766,250	16	9	0	1	0
10/13/2021 15:00	1	1,232,843	34,177,655	6	20	1	6	5
10/13/2021 16:00	1	2,104,120	51,976,746	2	9	1	10	8
10/13/2021 17:00	1	2,233,775	54,739,211	2	9	1	10	9
10/13/2021 18:00	1	2,219,822	54,397,282	2	9	1	10	9
10/13/2021 19:00	1	2,229,646	54,638,037	2	9	1	10	9
10/13/2021 20:00	1	2,233,380	54,729,537	2	9	1	10	9
10/13/2021 21:00	1	2,234,297	54,751,996	2	9	1	11	9
10/13/2021 22:00	1	1,833,926	44,648,466	2	8	1	9	7
10/13/2021 23:00	1	1,581,706	39,132,868	1	7	1	7	6
10/14/2021 0:00	1	1,549,583	38,585,737	1	6	1	7	6
10/14/2021 1:00	1	1,610,907	39,831,513	2	7	1	8	6
10/14/2021 2:00	1	1,659,826	41,047,334	2	7	1	8	7
10/14/2021 3:00	1	1,530,639	38,360,452	1	6	1	7	6
10/14/2021 4:00	1	1,899,233	46,675,165	2	8	1	9	7
10/14/2021 5:00	1	2,238,020	54,842,370	2	9	1	11	9
10/14/2021 6:00	1	1,732,079	44,019,357	3	7	1	8	7
10/14/2021 7:00	0	721,388	13,098,573	10	20	1	3	3
10/14/2021 8:00	0	0	0	0	0	0	0	0
10/14/2021 9:00	0	0	0	0	0	0	0	0
10/14/2021 10:00	0	0	0	0	0	0	0	0
10/14/2021 11:00	0	0	0	0	0	0	0	0
10/14/2021 12:00	0	0	0	0	0	0	0	0
10/14/2021 13:00	0	0	0	0	0	0	0	0
10/14/2021 14:00	0	183,764	8,781,221	23	32	0	1	1
10/14/2021 15:00	1	1,254,831	34,158,143	5	17	1	6	5
10/14/2021 16:00	1	1,937,741	48,375,611	3	8	1	9	8
10/14/2021 17:00	1	2,245,335	55,022,488	2	9	1	11	9
10/14/2021 18:00	1	2,233,902	54,742,337	2	9	1	10	9
10/14/2021 19:00	1	2,230,596	54,661,305	2	9	1	10	9
10/14/2021 20:00	1	2,236,355	54,802,443	2	9	1	11	9
10/14/2021 21:00	1	2,235,485	54,781,108	2	9	1	11	9
10/14/2021 22:00	1	1,747,925	42,670,071	2	7	1	8	7
10/14/2021 23:00	1	1,787,379	43,503,448	2	7	1	8	7
10/15/2021 0:00	1	1,680,343	41,403,223	2	7	1	8	7
10/15/2021 1:00	1	1,561,957	39,147,599	1	7	1	7	6
10/15/2021 2:00	1	1,541,922	38,648,424	1	6	1	7	6
10/15/2021 3:00	1	1,606,922	40,019,271	1	7	1	8	6
10/15/2021 4:00	1	1,780,286	43,608,313	2	7	1	8	7
10/15/2021 5:00	1	2,119,657	51,975,144	2	9	1	10	8
10/15/2021 6:00	1	1,867,061	46,126,620	2	8	1	9	7
10/15/2021 7:00	0	847,934	13,922,607	9	22	1	4	3
10/15/2021 8:00	0	0	0	0	0	0	0	0
10/15/2021 9:00	0	0	0	0	0	0	0	0
10/15/2021 10:00	0	0	0	0	0	0	0	0
10/15/2021 11:00	0	0	0	0	0	0	0	0
10/15/2021 12:00	0	0	0	0	0	0	0	0
10/15/2021 13:00	0	0	0	0	0	0	0	0
10/15/2021 14:00	1	870,165	40,188,613	9	25	1	4	3
10/15/2021 15:00	1	2,024,967	50,057,086	2	8	1	10	8
10/15/2021 16:00	1	2,052,716	50,787,634	2	9	1	10	8
10/15/2021 17:00	1	2,217,319	54,335,950	2	9	1	10	9
10/15/2021 18:00	1	2,229,762	54,640,882	2	9	1	10	9
10/15/2021 19:00	1	2,236,141	54,797,200	2	9	1	11	9
10/15/2021 20:00	1	2,236,098	54,796,145	2	9	1	11	9
10/15/2021 21:00	1	2,237,889	54,840,026	2	9	1	11	9
10/15/2021 22:00	1	2,234,328	54,752,769	2	9	1	11	9
10/15/2021 23:00	1	1,901,965	46,445,316	2	8	1	9	7
10/16/2021 0:00	1	1,959,485	47,571,861	2	8	1	9	8
10/16/2021 1:00	1	1,608,258	40,270,260	2	7	1	8	6
10/16/2021 2:00	1	1,591,788	39,893,211	2	7	1	7	6
10/16/2021 3:00	1	1,826,153	44,894,407	2	8	1	9	7
10/16/2021 4:00	1	2,006,409	48,545,190	2	8	1	9	8
10/16/2021 5:00	1	2,233,593	54,706,114	2	9	1	10	9
10/16/2021 6:00	1	1,912,591	47,431,350	2	8	1	9	7
10/16/2021 7:00	0	793,579	13,358,563	12	23	1	4	3
10/16/2021 8:00	0	0	0	0	0	0	0	0
10/16/2021 9:00	0	0	0	0	0	0	0	0
10/16/2021 10:00	0	0	0	0	0	0	0	0
10/16/2021 11:00	0	0	0	0	0	0	0	0
10/16/2021 12:00	0	0	0	0	0	0	0	0
10/16/2021 13:00	0	0	0	0	0	0	0	0
10/16/2021 14:00	0	0	0	0	0	0	0	0
10/16/2021 15:00	1	864,310	0	9	25	1	4	3
10/16/2021 16:00	1	2,104,327	51,849,464	2	9	1	10	8
10/16/2021 17:00	1	2,227,533	54,586,249	2	9	1	10	9
10/16/2021 18:00	1	2,228,469	54,609,184	2	9	1	10	9
10/16/2021 19:00	1	2,229,356	54,630,935	2	9	1	10	9
10/16/2021 20:00	1	2,232,267	54,702,268	2	9	1	10	9
10/16/2021 21:00	1	1,887,628	45,946,099	2	8	1	9	7

10/16/2021 22:00	1	2,224,793	54,519,097	2	9	1	10	9
10/16/2021 23:00	1	1,770,129	43,086,667	2	7	1	8	7
10/17/2021 0:00	1	1,728,132	42,468,750	2	7	1	8	7
10/17/2021 1:00	1	1,695,442	41,798,802	2	7	1	8	7
10/17/2021 2:00	1	1,647,699	40,901,651	2	7	1	8	6
10/17/2021 3:00	1	1,655,776	41,102,155	2	7	1	8	6
10/17/2021 4:00	1	1,906,980	46,301,625	2	8	1	9	7
10/17/2021 5:00	1	1,833,148	44,591,333	2	8	1	9	7
10/17/2021 6:00	1	1,516,265	38,503,148	2	6	1	7	6
10/17/2021 7:00	1	1,241,369	34,131,169	4	5	1	6	5
10/17/2021 8:00	0	125,197	3,739,108	10	45	0	1	0
10/17/2021 9:00	0	0	0	0	0	0	0	0
10/17/2021 10:00	0	0	0	0	0	0	0	0
10/17/2021 11:00	0	0	0	0	0	0	0	0
10/17/2021 12:00	0	0	0	0	0	0	0	0
10/17/2021 13:00	0	0	0	0	0	0	0	0
10/17/2021 14:00	0	0	0	0	0	0	0	0
10/17/2021 15:00	1	841,792	25,379,325	13	28	1	4	3
10/17/2021 16:00	1	1,849,253	46,615,547	3	8	1	9	7
10/17/2021 17:00	1	2,145,081	52,565,754	2	9	1	10	8
10/17/2021 18:00	1	1,767,139	43,411,795	2	7	1	8	7
10/17/2021 19:00	1	1,716,616	42,184,235	2	7	1	8	7
10/17/2021 20:00	1	1,655,695	40,964,406	2	7	1	8	6
10/17/2021 21:00	1	1,422,345	36,303,030	3	6	1	7	6
10/17/2021 22:00	1	1,159,135	32,342,161	3	5	1	5	5
10/17/2021 23:00	1	1,213,972	33,502,921	4	5	1	6	5
10/18/2021 0:00	1	1,205,742	33,400,954	1	5	1	6	5
10/18/2021 1:00	1	1,184,564	32,814,300	1	5	1	6	5
10/18/2021 2:00	1	1,187,157	32,886,132	1	5	1	6	5
10/18/2021 3:00	1	1,209,251	33,575,068	3	5	1	6	5
10/18/2021 4:00	1	1,711,810	42,212,542	2	7	1	8	7
10/18/2021 5:00	1	1,954,981	49,208,008	2	8	1	9	8
10/18/2021 6:00	1	2,009,947	49,375,197	2	8	1	9	8
10/18/2021 7:00	0	244,167	4,861,491	14	42	0	1	1
10/18/2021 8:00	0	0	0	0	0	0	0	0
10/18/2021 9:00	0	0	0	0	0	0	0	0
10/18/2021 10:00	0	0	0	0	0	0	0	0
10/18/2021 11:00	0	0	0	0	0	0	0	0
10/18/2021 12:00	0	0	0	0	0	0	0	0
10/18/2021 13:00	0	0	0	0	0	0	0	0
10/18/2021 14:00	0	283,289	9,669,299	30	62	0	1	1
10/18/2021 15:00	1	1,266,270	33,617,398	6	12	1	6	5
10/18/2021 16:00	1	1,306,078	35,207,577	2	8	1	6	5
10/18/2021 17:00	1	1,741,613	42,667,137	2	13	1	8	7
10/18/2021 18:00	1	1,443,339	37,065,730	3	10	1	7	6
10/18/2021 19:00	1	1,688,502	41,641,801	2	12	1	8	7
10/18/2021 20:00	1	1,778,960	43,565,620	2	13	1	8	7
10/18/2021 21:00	1	1,298,834	34,548,202	2	9	1	6	5
10/18/2021 22:00	1	1,184,224	33,037,149	3	9	1	6	5
10/18/2021 23:00	1	2,008,235	48,745,921	2	12	1	9	8
10/19/2021 0:00	1	1,901,641	46,010,308	2	14	1	9	7
10/19/2021 1:00	1	1,996,479	48,304,926	2	14	1	9	8
10/19/2021 2:00	1	2,079,713	50,318,777	2	15	1	10	8
10/19/2021 3:00	1	2,220,527	54,414,564	2	16	1	10	9
10/19/2021 4:00	1	2,225,801	54,543,819	2	16	1	10	9
10/19/2021 5:00	1	2,225,017	54,524,599	2	14	1	10	9
10/19/2021 6:00	1	2,222,119	54,453,577	2	16	1	10	9
10/19/2021 7:00	1	1,175,762	24,800,661	9	21	1	6	5
10/19/2021 8:00	0	0	0	0	0	0	0	0
10/19/2021 9:00	0	0	0	0	0	0	0	0
10/19/2021 10:00	0	0	0	0	0	0	0	0
10/19/2021 11:00	0	0	0	0	0	0	0	0
10/19/2021 12:00	0	0	0	0	0	0	0	0
10/19/2021 13:00	0	0	0	0	0	0	0	0
10/19/2021 14:00	0	157,602	8,367,822	19	20	0	1	1
10/19/2021 15:00	1	1,256,602	33,844,860	6	17	1	6	5
10/19/2021 16:00	1	2,181,664	53,623,602	2	16	1	10	9
10/19/2021 17:00	1	2,227,001	54,573,205	2	16	1	10	9
10/19/2021 18:00	1	2,222,761	54,469,304	2	16	1	10	9
10/19/2021 19:00	1	2,230,086	54,648,820	2	16	1	10	9
10/19/2021 20:00	1	2,223,244	54,481,140	2	16	1	10	9
10/19/2021 21:00	1	2,225,191	54,528,862	2	16	1	10	9
10/19/2021 22:00	1	2,226,513	54,561,255	2	16	1	10	9
10/19/2021 23:00	1	2,229,453	54,633,296	2	16	1	10	9
10/20/2021 0:00	1	2,232,286	54,702,717	2	16	1	10	9
10/20/2021 1:00	1	2,225,051	54,525,432	2	16	1	10	9
10/20/2021 2:00	1	2,227,992	54,597,506	2	16	1	10	9
10/20/2021 3:00	1	2,232,008	54,695,903	2	16	1	10	9
10/20/2021 4:00	1	2,227,635	54,588,761	2	16	1	10	9
10/20/2021 5:00	1	2,231,975	54,695,112	2	16	1	10	9
10/20/2021 6:00	1	2,225,848	54,372,960	2	16	1	10	9

10/20/2021 7:00	1	1,915,368	47,136,303	3	12	1	9	8
10/20/2021 8:00	0	35,203	1,869,088	2	25	0	0	0
10/20/2021 9:00	0	0	0	0	0	0	0	0
10/20/2021 10:00	0	0	0	0	0	0	0	0
10/20/2021 11:00	0	0	0	0	0	0	0	0
10/20/2021 12:00	0	0	0	0	0	0	0	0
10/20/2021 13:00	0	0	0	0	0	0	0	0
10/20/2021 14:00	1	874,558	38,957,378	11	22	1	4	3
10/20/2021 15:00	1	1,963,673	47,926,340	2	12	1	9	8
10/20/2021 16:00	1	2,234,493	54,756,808	2	16	1	11	9
10/20/2021 17:00	1	2,233,268	54,726,777	2	16	1	10	9
10/20/2021 18:00	1	2,231,650	54,687,141	2	16	1	10	9
10/20/2021 19:00	1	2,229,858	54,643,232	2	16	1	10	9
10/20/2021 20:00	1	2,232,169	54,699,854	2	16	1	10	9
10/20/2021 21:00	1	2,223,712	54,492,607	2	16	1	10	9
10/20/2021 22:00	1	2,216,020	54,304,113	2	16	1	10	9
10/20/2021 23:00	1	1,801,372	43,855,466	2	13	1	8	7
10/21/2021 0:00	1	1,835,453	44,547,547	2	13	1	9	7
10/21/2021 1:00	1	1,883,443	45,570,000	2	14	1	9	7
10/21/2021 2:00	1	1,901,220	46,000,127	2	14	1	9	7
10/21/2021 3:00	1	2,016,726	48,794,805	2	15	1	9	8
10/21/2021 4:00	1	2,229,033	54,623,017	2	16	1	10	9
10/21/2021 5:00	1	2,240,765	54,910,500	2	16	1	11	9
10/21/2021 6:00	1	2,229,981	54,646,247	2	16	1	10	9
10/21/2021 7:00	1	2,097,431	51,398,077	2	13	1	10	8
10/21/2021 8:00	0	189,116	4,518,474	14	56	0	1	1
10/21/2021 9:00	0	0	0	0	0	0	0	0
10/21/2021 10:00	0	0	0	0	0	0	0	0
10/21/2021 11:00	0	0	0	0	0	0	0	0
10/21/2021 12:00	0	0	0	0	0	0	0	0
10/21/2021 13:00	0	0	0	0	0	0	0	0
10/21/2021 14:00	1	871,201	0	11	21	1	4	3
10/21/2021 15:00	1	1,988,491	48,511,113	2	8	1	9	8
10/21/2021 16:00	1	2,224,931	54,522,479	2	16	1	10	9
10/21/2021 17:00	1	2,221,335	54,434,363	2	16	1	10	9
10/21/2021 18:00	1	2,218,332	54,360,785	2	16	1	10	9
10/21/2021 19:00	1	2,224,206	54,504,718	2	16	1	10	9
10/21/2021 20:00	1	2,219,782	54,396,299	2	16	1	10	9
10/21/2021 21:00	1	2,218,829	54,372,964	2	16	1	10	9
10/21/2021 22:00	1	1,980,000	47,906,201	2	14	1	9	8
10/21/2021 23:00	1	2,221,936	54,449,093	2	14	1	10	9
10/22/2021 0:00	1	2,226,120	54,551,629	2	16	1	10	9
10/22/2021 1:00	1	2,231,916	54,693,648	2	16	1	10	9
10/22/2021 2:00	1	2,233,470	54,731,743	2	16	1	10	9
10/22/2021 3:00	1	2,235,775	54,788,230	2	16	1	11	9
10/22/2021 4:00	1	2,237,959	54,841,751	2	16	1	11	9
10/22/2021 5:00	1	2,240,753	54,910,205	2	16	1	11	9
10/22/2021 6:00	1	2,232,148	54,699,354	2	16	1	10	9
10/22/2021 7:00	1	1,608,198	39,784,275	2	10	1	8	6
10/22/2021 8:00	0	840,288	13,812,292	12	26	1	4	3
10/22/2021 9:00	0	0	0	0	0	0	0	0
10/22/2021 10:00	0	0	0	0	0	0	0	0
10/22/2021 11:00	0	0	0	0	0	0	0	0
10/22/2021 12:00	0	0	0	0	0	0	0	0
10/22/2021 13:00	0	0	0	0	0	0	0	0
10/22/2021 14:00	0	253,477	9,317,283	28	45	0	1	1
10/22/2021 15:00	1	1,266,214	33,619,688	6	12	1	6	5
10/22/2021 16:00	1	2,174,883	53,456,389	2	14	1	10	9
10/22/2021 17:00	1	2,220,757	54,420,205	2	9	1	10	9
10/22/2021 18:00	1	2,224,913	54,522,054	2	9	1	10	9
10/22/2021 19:00	1	2,225,640	54,539,864	2	9	1	10	9
10/22/2021 20:00	1	2,225,887	54,545,920	2	9	1	10	9
10/22/2021 21:00	1	2,222,707	54,467,978	2	9	1	10	9
10/22/2021 22:00	1	1,990,856	48,168,879	2	8	1	9	8
10/22/2021 23:00	1	2,018,481	48,837,270	2	8	1	9	8
10/23/2021 0:00	1	1,971,965	47,711,812	2	8	1	9	8
10/23/2021 1:00	1	1,809,161	43,909,696	2	8	1	9	7
10/23/2021 2:00	1	1,741,680	42,925,629	3	7	1	8	7
10/23/2021 3:00	1	1,962,452	47,481,630	2	8	1	9	8
10/23/2021 4:00	1	1,914,294	46,316,443	2	12	1	9	8
10/23/2021 5:00	1	2,220,139	54,405,056	2	14	1	10	9
10/23/2021 6:00	1	2,171,678	53,059,193	2	16	1	10	9
10/23/2021 7:00	1	1,647,642	40,739,789	2	10	1	8	6
10/23/2021 8:00	0	825,480	13,783,405	11	18	1	4	3
10/23/2021 9:00	0	0	0	0	0	0	0	0
10/23/2021 10:00	0	0	0	0	0	0	0	0
10/23/2021 11:00	0	0	0	0	0	0	0	0
10/23/2021 12:00	0	0	0	0	0	0	0	0
10/23/2021 13:00	0	0	0	0	0	0	0	0
10/23/2021 14:00	0	0	0	0	0	0	0	0
10/23/2021 15:00	1	866,221	0	10	22	1	4	3

10/23/2021 16:00	1	2,158,458	52,893,559	2	13	1	10	8
10/23/2021 17:00	1	1,814,672	44,175,082	2	8	1	9	7
10/23/2021 18:00	1	2,198,767	53,881,323	2	9	1	10	9
10/23/2021 19:00	1	2,180,147	53,262,973	2	9	1	10	9
10/23/2021 20:00	1	2,212,167	54,209,696	2	9	1	10	9
10/23/2021 21:00	1	2,219,168	54,381,259	2	9	1	10	9
10/23/2021 22:00	1	2,049,304	49,583,015	2	9	1	10	8
10/23/2021 23:00	1	1,802,339	43,740,746	2	7	1	8	7
10/24/2021 0:00	1	1,916,929	46,654,601	2	8	1	9	8
10/24/2021 1:00	1	2,011,328	48,804,437	2	8	1	9	8
10/24/2021 2:00	1	2,019,844	48,870,239	2	8	1	9	8
10/24/2021 3:00	1	1,885,639	45,907,398	2	8	1	9	7
10/24/2021 4:00	1	1,899,439	45,957,042	2	8	1	9	7
10/24/2021 5:00	1	2,226,669	54,565,081	2	9	1	10	9
10/24/2021 6:00	1	2,069,667	50,075,721	2	13	1	10	8
10/24/2021 7:00	1	1,382,323	28,771,881	10	23	1	6	5
10/24/2021 8:00	0	0	0	0	0	0	0	0
10/24/2021 9:00	0	0	0	0	0	0	0	0
10/24/2021 10:00	0	0	0	0	0	0	0	0
10/24/2021 11:00	0	0	0	0	0	0	0	0
10/24/2021 12:00	0	0	0	0	0	0	0	0
10/24/2021 13:00	0	0	0	0	0	0	0	0
10/24/2021 14:00	1	870,905	0	10	22	1	4	3
10/24/2021 15:00	1	1,998,408	48,643,266	2	8	1	9	8
10/24/2021 16:00	1	2,221,677	54,442,744	2	14	1	10	9
10/24/2021 17:00	1	2,218,893	54,374,531	2	16	1	10	9
10/24/2021 18:00	1	2,222,924	54,473,309	2	16	1	10	9
10/24/2021 19:00	1	2,224,237	54,505,474	2	16	1	10	9
10/24/2021 20:00	1	2,229,714	54,639,695	2	16	1	10	9
10/24/2021 21:00	1	2,227,269	54,579,776	2	16	1	10	9
10/24/2021 22:00	1	2,040,861	49,378,738	2	15	1	10	8
10/24/2021 23:00	1	1,842,104	44,569,815	2	11	1	9	7
10/25/2021 0:00	1	1,667,649	40,997,545	2	7	1	8	7
10/25/2021 1:00	1	1,602,107	39,769,899	1	10	1	8	6
10/25/2021 2:00	1	1,654,658	40,942,667	2	10	1	8	6
10/25/2021 3:00	1	1,680,554	41,314,051	2	7	1	8	7
10/25/2021 4:00	1	1,689,411	41,487,732	2	7	1	8	7
10/25/2021 5:00	1	2,222,775	54,469,652	2	16	1	10	9
10/25/2021 6:00	1	1,839,118	44,882,736	2	11	1	9	7
10/25/2021 7:00	1	1,872,147	45,574,616	2	8	1	9	7
10/25/2021 8:00	1	1,430,035	36,198,714	1	9	1	7	6
10/25/2021 9:00	1	1,993,556	48,234,201	2	12	1	9	8
10/25/2021 10:00	1	1,635,733	40,336,001	2	10	1	8	6
10/25/2021 11:00	1	1,596,549	39,747,375	3	7	1	8	6
10/25/2021 12:00	1	1,609,654	39,951,968	3	10	1	8	6
10/25/2021 13:00	1	1,536,401	38,884,659	4	6	1	7	6
10/25/2021 14:00	1	1,549,287	38,710,060	3	10	1	7	6
10/25/2021 15:00	1	1,883,303	45,840,060	2	8	1	9	7
10/25/2021 16:00	1	1,838,390	46,282,805	3	8	1	9	7
10/25/2021 17:00	1	1,901,206	46,721,292	2	8	1	9	7
10/25/2021 18:00	1	1,800,927	44,392,755	2	11	1	8	7
10/25/2021 19:00	1	1,949,824	47,309,871	2	8	1	9	8
10/25/2021 20:00	1	2,083,587	50,893,446	2	9	1	10	8
10/25/2021 21:00	1	1,373,226	35,639,450	2	6	1	6	5
10/25/2021 22:00	1	1,231,542	34,231,896	3	5	1	6	5
10/25/2021 23:00	1	1,772,826	43,429,223	2	7	1	8	7
10/26/2021 0:00	1	1,656,839	41,128,537	2	10	1	8	6
10/26/2021 1:00	1	1,657,266	41,139,139	2	10	1	8	6
10/26/2021 2:00	1	1,655,217	41,088,279	2	10	1	8	6
10/26/2021 3:00	1	1,736,468	42,803,261	2	7	1	8	7
10/26/2021 4:00	1	1,863,282	45,214,417	2	8	1	9	7
10/26/2021 5:00	1	2,155,704	51,982,681	2	9	1	10	8
10/26/2021 6:00	1	2,105,313	51,591,216	2	13	1	10	8
10/26/2021 7:00	0	789,027	13,069,743	10	25	1	4	3
10/26/2021 8:00	0	0	0	0	0	0	0	0
10/26/2021 9:00	0	0	0	0	0	0	0	0
10/26/2021 10:00	0	0	0	0	0	0	0	0
10/26/2021 11:00	0	0	0	0	0	0	0	0
10/26/2021 12:00	0	0	0	0	0	0	0	0
10/26/2021 13:00	0	0	0	0	0	0	0	0
10/26/2021 14:00	0	218,609	9,496,634	26	37	0	1	1
10/26/2021 15:00	1	1,264,558	34,052,465	5	16	1	6	5
10/26/2021 16:00	1	1,798,412	45,306,127	3	8	1	8	7
10/26/2021 17:00	1	2,230,861	54,667,808	2	9	1	10	9
10/26/2021 18:00	1	2,049,629	49,934,781	2	13	1	10	8
10/26/2021 19:00	1	2,136,799	52,218,523	2	13	1	10	8
10/26/2021 20:00	1	2,139,890	52,293,762	2	16	1	10	8
10/26/2021 21:00	1	2,065,207	50,315,404	2	13	1	10	8
10/26/2021 22:00	1	1,826,028	44,598,697	2	8	1	9	7
10/26/2021 23:00	1	2,234,004	54,744,836	2	9	1	10	9
10/27/2021 0:00	1	1,828,749	44,246,682	2	8	1	9	7





10/30/2021 10:00	0	0	0	0	0	0	0	0
10/30/2021 11:00	0	0	0	0	0	0	0	0
10/30/2021 12:00	0	0	0	0	0	0	0	0
10/30/2021 13:00	0	0	0	0	0	0	0	0
10/30/2021 14:00	1	888,511	42,800,404	10	22	1	4	3
10/30/2021 15:00	1	1,857,947	45,693,855	2	12	1	9	7
10/30/2021 16:00	1	2,022,673	49,805,206	3	13	1	10	8
10/30/2021 17:00	1	2,215,937	54,302,088	2	9	1	10	9
10/30/2021 18:00	1	2,164,231	52,880,295	2	9	1	10	8
10/30/2021 19:00	1	2,056,703	50,105,278	2	9	1	10	8
10/30/2021 20:00	1	2,228,372	54,606,803	2	14	1	10	9
10/30/2021 21:00	1	1,837,387	45,005,597	2	12	1	9	7
10/30/2021 22:00	1	1,725,164	42,262,483	2	7	1	8	7
10/30/2021 23:00	1	2,028,928	49,090,018	2	15	1	10	8
10/31/2021 0:00	1	2,023,578	48,960,581	2	15	1	10	8
10/31/2021 1:00	1	1,909,938	46,211,052	2	12	1	9	7
10/31/2021 2:00	1	2,215,875	54,300,576	2	9	1	10	9
10/31/2021 3:00	1	1,882,589	45,689,138	2	8	1	9	7
10/31/2021 4:00	1	2,076,915	50,251,069	2	13	1	10	8
10/31/2021 5:00	1	2,235,046	54,756,570	2	16	1	11	9
10/31/2021 6:00	1	2,098,141	50,764,650	2	13	1	10	8
10/31/2021 7:00	1	1,393,542	28,994,606	10	21	1	7	5
10/31/2021 8:00	0	0	0	0	0	0	0	0
10/31/2021 9:00	0	0	0	0	0	0	0	0
10/31/2021 10:00	0	0	0	0	0	0	0	0
10/31/2021 11:00	0	0	0	0	0	0	0	0
10/31/2021 12:00	0	0	0	0	0	0	0	0
10/31/2021 13:00	0	0	0	0	0	0	0	0
10/31/2021 14:00	1	889,255	41,118,376	11	24	1	4	3
10/31/2021 15:00	1	1,777,402	43,557,889	3	7	1	8	7
10/31/2021 16:00	1	1,905,946	46,546,450	2	8	1	9	7
10/31/2021 17:00	1	1,754,039	42,702,286	2	7	1	8	7
10/31/2021 18:00	1	1,676,767	41,486,645	2	11	1	8	7
10/31/2021 19:00	1	1,846,856	44,684,792	2	8	1	9	7
10/31/2021 20:00	1	1,855,147	44,885,380	2	8	1	9	7
10/31/2021 21:00	1	1,826,715	44,327,464	2	8	1	9	7
10/31/2021 22:00	1	1,984,797	48,022,287	2	8	1	9	8
10/31/2021 23:00	1	1,605,438	39,721,167	1	10	1	8	6
11/1/2021 0:00	1	1,659,851	40,807,123	2	10	1	8	7
11/1/2021 1:00	1	1,662,165	41,260,759	2	10	1	8	7
11/1/2021 2:00	1	1,660,829	41,227,599	2	10	1	8	7
11/1/2021 3:00	1	1,666,793	41,240,881	2	7	1	8	7
11/1/2021 4:00	1	2,019,151	49,611,952	2	13	1	9	8
11/1/2021 5:00	1	2,053,898	51,572,442	2	15	1	10	8
11/1/2021 6:00	1	2,240,981	54,915,791	2	14	1	11	9
11/1/2021 7:00	1	1,926,159	47,185,347	2	12	1	9	8
11/1/2021 8:00	1	1,648,964	40,795,022	2	10	1	8	6
11/1/2021 9:00	1	1,810,263	44,068,544	2	11	1	9	7
11/1/2021 10:00	1	1,732,515	42,313,303	2	11	1	8	7
11/1/2021 11:00	1	1,487,402	37,286,054	2	9	1	7	6
11/1/2021 12:00	1	1,680,034	41,287,698	2	11	1	8	7
11/1/2021 13:00	1	1,906,567	46,271,004	2	12	1	9	7
11/1/2021 14:00	1	1,991,810	48,667,385	2	12	1	9	8
11/1/2021 15:00	1	2,025,509	49,178,930	2	13	1	10	8
11/1/2021 16:00	1	2,033,200	49,824,072	2	13	1	10	8
11/1/2021 17:00	1	2,228,788	54,616,995	2	14	1	10	9
11/1/2021 18:00	1	2,232,714	54,713,205	2	14	1	10	9
11/1/2021 19:00	1	2,232,284	54,702,665	2	14	1	10	9
11/1/2021 20:00	1	2,229,056	54,623,569	2	14	1	10	9
11/1/2021 21:00	1	2,224,049	54,500,870	2	14	1	10	9
11/1/2021 22:00	1	2,074,072	50,528,698	2	13	1	10	8
11/1/2021 23:00	1	1,844,399	44,625,346	2	12	1	9	7
11/2/2021 0:00	1	1,687,493	41,613,424	2	11	1	8	7
11/2/2021 1:00	1	1,842,212	44,713,562	2	12	1	9	7
11/2/2021 2:00	1	1,621,311	40,110,766	2	10	1	8	6
11/2/2021 3:00	1	1,631,490	40,367,271	2	10	1	8	6
11/2/2021 4:00	1	2,006,545	48,548,472	2	13	1	9	8
11/2/2021 5:00	1	2,224,456	54,282,493	2	16	1	10	9
11/2/2021 6:00	1	2,237,394	54,827,898	2	16	1	11	9
11/2/2021 7:00	1	1,720,960	42,142,612	2	11	1	8	7
11/2/2021 8:00	1	1,719,504	42,385,801	2	11	1	8	7
11/2/2021 9:00	1	1,893,999	46,091,186	2	12	1	9	7
11/2/2021 10:00	1	1,578,762	39,426,401	3	10	1	7	6
11/2/2021 11:00	1	1,249,704	33,857,721	4	8	1	6	5
11/2/2021 12:00	1	1,200,126	33,482,081	2	8	1	6	5
11/2/2021 13:00	1	1,493,348	37,917,434	4	9	1	7	6
11/2/2021 14:00	1	1,366,202	36,128,660	3	9	1	6	5
11/2/2021 15:00	1	1,786,842	43,728,427	2	11	1	8	7
11/2/2021 16:00	1	2,238,819	54,862,808	2	16	1	11	9
11/2/2021 17:00	1	2,237,983	54,842,333	2	16	1	11	9
11/2/2021 18:00	1	2,235,162	54,773,191	2	16	1	11	9

11/2/2021 19:00	1	2,231,057	54,672,605	2	16	1	10	9
11/2/2021 20:00	1	2,234,731	54,762,652	2	16	1	11	9
11/2/2021 21:00	1	2,224,348	54,508,198	2	16	1	10	9
11/2/2021 22:00	1	2,048,379	49,560,638	2	15	1	10	8
11/2/2021 23:00	1	2,231,833	54,691,622	2	16	1	10	9
11/3/2021 0:00	1	2,236,271	54,800,373	2	16	1	11	9
11/3/2021 1:00	1	2,242,502	54,953,063	2	16	1	11	9
11/3/2021 2:00	1	2,239,999	54,891,734	2	16	1	11	9
11/3/2021 3:00	1	2,241,056	54,917,636	2	16	1	11	9
11/3/2021 4:00	1	2,243,003	54,965,344	2	16	1	11	9
11/3/2021 5:00	1	2,243,721	54,975,382	2	16	1	11	9
11/3/2021 6:00	1	2,233,268	54,726,794	2	16	1	10	9
11/3/2021 7:00	1	2,041,041	49,383,090	2	15	1	10	8
11/3/2021 8:00	1	2,113,217	51,784,920	2	15	1	10	8
11/3/2021 9:00	1	1,652,918	40,756,686	2	12	1	8	6
11/3/2021 10:00	1	1,746,871	42,525,057	2	13	1	8	7
11/3/2021 11:00	1	1,766,102	42,991,675	2	13	1	8	7
11/3/2021 12:00	1	1,656,279	40,692,530	2	10	1	8	6
11/3/2021 13:00	0	196,337	4,467,629	10	45	0	1	1
11/3/2021 14:00	1	872,008	0	9	22	1	4	3
11/3/2021 15:00	1	1,952,909	47,981,211	2	12	1	9	8
11/3/2021 16:00	1	2,201,026	53,773,097	2	16	1	10	9
11/3/2021 17:00	1	2,227,229	54,578,793	2	16	1	10	9
11/3/2021 18:00	1	2,227,401	54,583,018	2	16	1	10	9
11/3/2021 19:00	1	2,229,246	54,628,220	2	16	1	10	9
11/3/2021 20:00	1	2,220,776	54,420,669	2	16	1	10	9
11/3/2021 21:00	1	2,229,209	54,627,327	2	16	1	10	9
11/3/2021 22:00	1	2,230,285	54,653,684	2	16	1	10	9
11/3/2021 23:00	1	2,035,037	49,237,832	2	13	1	10	8
11/4/2021 0:00	1	1,711,594	41,935,157	2	11	1	8	7
11/4/2021 1:00	1	1,754,331	42,851,303	2	11	1	8	7
11/4/2021 2:00	1	1,843,800	44,610,835	2	12	1	9	7
11/4/2021 3:00	1	1,874,390	45,488,284	2	12	1	9	7
11/4/2021 4:00	1	2,089,949	50,566,433	2	13	1	10	8
11/4/2021 5:00	1	2,234,165	54,742,311	2	16	1	11	9
11/4/2021 6:00	1	2,228,041	54,598,698	2	16	1	10	9
11/4/2021 7:00	1	1,657,404	40,866,938	2	10	1	8	6
11/4/2021 8:00	0	853,944	13,727,886	12	25	1	4	3
11/4/2021 9:00	0	0	0	0	0	0	0	0
11/4/2021 10:00	0	0	0	0	0	0	0	0
11/4/2021 11:00	0	0	0	0	0	0	0	0
11/4/2021 12:00	0	0	0	0	0	0	0	0
11/4/2021 13:00	0	0	0	0	0	0	0	0
11/4/2021 14:00	1	887,018	41,592,042	10	23	1	4	3
11/4/2021 15:00	1	1,761,005	42,991,072	2	11	1	8	7
11/4/2021 16:00	1	2,129,958	51,878,968	2	13	1	10	8
11/4/2021 17:00	1	2,150,046	52,527,150	2	13	1	10	8
11/4/2021 18:00	1	2,222,570	54,464,632	2	14	1	10	9
11/4/2021 19:00	1	2,173,836	53,111,620	2	14	1	10	9
11/4/2021 20:00	1	1,985,066	48,501,396	2	12	1	9	8
11/4/2021 21:00	1	1,645,984	40,859,072	2	10	1	8	6
11/4/2021 22:00	1	1,919,819	46,450,123	2	12	1	9	8
11/4/2021 23:00	1	1,781,100	43,223,326	2	11	1	8	7
11/5/2021 0:00	1	1,522,504	37,793,889	1	10	1	7	6
11/5/2021 1:00	1	1,522,835	37,802,085	1	10	1	7	6
11/5/2021 2:00	1	1,651,932	40,610,192	2	10	1	8	6
11/5/2021 3:00	1	1,718,281	42,106,900	2	11	1	8	7
11/5/2021 4:00	1	2,035,653	49,252,737	2	15	1	10	8
11/5/2021 5:00	1	2,212,939	54,063,443	2	14	1	10	9
11/5/2021 6:00	1	2,194,868	53,624,404	2	16	1	10	9
11/5/2021 7:00	1	1,926,687	46,616,294	2	12	1	9	8
11/5/2021 8:00	0	825,324	13,692,696	11	26	1	4	3
11/5/2021 9:00	0	0	0	0	0	0	0	0
11/5/2021 10:00	0	0	0	0	0	0	0	0
11/5/2021 11:00	0	0	0	0	0	0	0	0
11/5/2021 12:00	0	0	0	0	0	0	0	0
11/5/2021 13:00	0	0	0	0	0	0	0	0
11/5/2021 14:00	1	894,348	35,450,246	10	22	1	4	4
11/5/2021 15:00	1	1,922,729	46,939,841	3	12	1	9	8
11/5/2021 16:00	1	2,151,097	52,563,225	2	13	1	10	8
11/5/2021 17:00	1	2,221,409	54,436,175	2	16	1	10	9
11/5/2021 18:00	1	2,222,146	54,454,233	2	16	1	10	9
11/5/2021 19:00	1	2,221,231	54,431,809	2	16	1	10	9
11/5/2021 20:00	1	2,220,812	54,249,046	2	16	1	10	9
11/5/2021 21:00	1	2,145,628	52,257,497	2	16	1	10	8
11/5/2021 22:00	1	1,966,956	47,590,602	2	12	1	9	8
11/5/2021 23:00	1	2,061,998	49,890,152	2	13	1	10	8
11/6/2021 0:00	1	2,081,971	50,373,406	2	13	1	10	8
11/6/2021 1:00	1	1,787,557	43,381,493	2	11	1	8	7
11/6/2021 2:00	1	1,656,653	40,721,496	2	10	1	8	6
11/6/2021 3:00	1	1,811,964	43,975,277	2	11	1	9	7



11/9/2021 13:00	0	0	0	0	0	0	0	0
11/9/2021 14:00	1	863,210	0	10	24	1	4	3
11/9/2021 15:00	1	1,764,927	43,315,503	2	11	1	8	7
11/9/2021 16:00	1	2,089,347	51,332,822	2	13	1	10	8
11/9/2021 17:00	1	2,226,489	54,560,667	2	16	1	10	9
11/9/2021 18:00	1	2,223,742	54,493,348	2	16	1	10	9
11/9/2021 19:00	1	2,227,956	54,596,616	2	16	1	10	9
11/9/2021 20:00	1	2,062,389	49,899,619	2	15	1	10	8
11/9/2021 21:00	1	1,887,292	45,923,501	2	14	1	9	7
11/9/2021 22:00	0	961,871	15,196,310	13	29	1	5	4
11/9/2021 23:00	0	0	0	0	0	0	0	0

**Notes:**

1. PM10/2.5, VOC, and SO2 emissions were calculated using fuel flow and the emission factors listed in the facility's Title V Permit.

Emissions Limit	Amount	Units	Exceeded During Period? (Y/N)	
			Unit 1A	Unit 1B
<b>Concentration Limits (Excluding Startups and Shutdowns)</b>				
NOx	2.0	ppm @ 15% O2 (1-hr avg)	N	N
CO	1.5	ppm @ 15% O2 (1-hr avg)	N	N
VOCs	2.0	ppm @ 15% O2 (1-hr avg)	N	N
NH3	5.0	ppm @ 15% O2 (1-hr avg)	N	N
<b>Total Mass Limits</b>				
CO	95,023	lbs. per month	N	N
VOC	13,314	lbs. per month	N	N
PM10	6,324	lbs. per month	N	N
SOx	3,616	lbs. per month	N	N
<b>Startup/Shutdown Mass Limits</b>				
NOx (Cold Startup)	61	lbs. per startup	N	N
NOx (Non-Cold Startup)	32	lbs. per startup	N	N
CO (Cold Startup )	325	lbs. per startup	N	N
CO (Non-Cold Startup)	137	lbs. per startup	N	N
VOC (Cold Startup)	36	lbs. per startup	N	N
VOC (Non-Cold Startup)	25	lbs. per startup	N	N
NOx (Shutdown)	10	lbs. per shutdown	N	N
CO (Shutdown)	133	lbs. per shutdown	N	N
VOC (Shutdown )	32	lbs. per shutdown	N	N
<b>Startup/Shutdown Count Limits</b>				
Total Startup Count	2	Per Day	N	N
Total Startup Count	62	Per Month	N	N
Cold Startup Count	15	Per Month	N	N
Non-Cold Startup Count	47	Per Month	N	N
Total Shutdown Count	62	Per Month	N	N
<b>Startup/Shutdown Duration Limits</b>				
Duration (Cold Startup)	60	minutes	N	N
Duration (Non-cold Startup)	30	minutes	N	N
Duration (Shutdown)	30	minutes	N	N
<b>Pollution Control Device Limits</b>				
Ammonia Injection Rate	20.0 - 242.0	lbs./hr (1-hr average, excludes Startups and Shutdowns)	N	N
SCR Inlet Temperature	450-800	°F (1-hr average, excludes Startups and Shutdowns)	N	N
SCR Differential Pressure	1.6	in. H2O (monthly average)	N	N
<b>Gross Load</b>				
Gross MW Limit <sup>1</sup>	1094.7	MW (15-min average)	N	N

Note: 1. Permit is applicable to the total gross MW of 1A, 1B, 1S steam generators, and simple cycle gas turbines that have not been constructed.

<b>Stack Parameters</b>		
	<b>U1A (U1)</b>	<b>U1B (U2)</b>
Stack Height (ft)	150	150
Exit Diameter (ft)	20	20
Stack Flowrate (scfh)	There is no applicable permit limit for this parameter.	
Stack Temperature (F)	There is no applicable permit limit for this parameter.	

For each date from September 10, 2021 up to and including November 9, 2021, on which the Covered Resource operated, please provide for each Covered Resource unit,

- (1) The hours of operation, as well as the hours in which any permit limit was exceeded; and  
Hours of Operation provided on "Hours of Operation" tab. No permit limits were exceeded during the period between 9/10/21 and 11/9/21.
- (2) A description of each permit term that was exceeded and the manner in which such exceedance occurred. If none, please so state.  
No permit exceedances occurred during the period between 9/10/21 and 11/9/21.

Please also include the following information in an Excel spreadsheet for each date from September 10, 2021 up to and including November 9, 2021 for each Covered Resource unit:

Actual emissions data in pounds per hour for each Covered Resource unit, for each hour of operations, for CO, NOx, PM2.5, PM10, volatile organic compounds (VOC), and SO2;  
See U1A and U1B "Emissions Data" tabs. Please note that NOx data provided are emissions calculated under 40 CFR 75 and will vary slightly from emissions under SCAQMD RECLAIM.  
Additionally, there is not a CEMS for PM10/2.5, VOC, or SO2. PM10/2.5, VOC, and SO2 emissions were calculated using fuel flow and the emission factors listed in the facility's Title V Permit.

For each category of emissions, please provide permitted operating/emission limits.

See Emissions Limits tab

For each category of emissions, any actual incremental emissions above the permit limits, (if units are not equipped with continuous emission monitoring systems, please calculate actual emissions using source test data);

No permit limits were exceeded during the time period so there were no incremental emissions above permit limits.

Stack parameters for each Covered Resource unit: stack height, exit diameter, exit gas temperature, and exit velocity (or volumetric flow rate). Temperature and velocity should reflect values applicable to operations above permit limits;

No operations occurred during the time period above permit limits. See "Stack Parameters" tab for stack information. See "Emissions Data" tabs for volumetric flow rate. Exit gas

temperature is not used in emissions calculations.

The hours that each Covered Resource unit operated in excess of permit limits or operated without otherwise-required permits.

All required permits for operation were in place throughout the period. No permit limit exceedances occurred during the period.



Daily Hours of Operation		
Date	Unit 1A	Unit 1B
10-Sep	24	24
11-Sep	19.85	20.03
12-Sep	19.99	20.18
13-Sep	14.12	14.35
14-Sep	11.63	18.78
15-Sep	11.71	16.02
16-Sep	16.23	16.42
17-Sep	15.97	15.76
18-Sep	17.45	17.25
19-Sep	16.18	15.35
20-Sep	16.75	10.3
21-Sep	19.83	20.26
22-Sep	19.19	19.41
23-Sep	19.75	19.95
24-Sep	19.01	19.2
25-Sep	18.01	18.2
26-Sep	21.27	21.47
27-Sep	24	24
28-Sep	24	24
29-Sep	19.01	19.2
30-Sep	20	20.18
1-Oct	19.76	19.95
2-Oct	18.76	18.95
3-Oct	18.79	19.2
4-Oct	24	24
5-Oct	19	19.2
6-Oct	17.5	24
7-Oct	24	24
8-Oct	24	24
9-Oct	16.22	16.68
10-Oct	15.95	16.18
11-Oct	15.77	15.95
12-Oct	16.01	16.2
13-Oct	17.75	17.95
14-Oct	18.01	18.2
15-Oct	18.03	18.2
16-Oct	17.01	17.2
17-Oct	18	18.18
18-Oct	15.92	16.47
19-Oct	17.95	18.41
20-Oct	17.97	18.16
21-Oct	18.47	18.66
22-Oct	17.26	17.45
23-Oct	17.5	17.72
24-Oct	18.53	18.72

25-Oct	19.01	19.2
26-Oct	17.98	18.18
27-Oct	18	18.2
28-Oct	18.75	18.93
29-Oct	17.72	17.93
30-Oct	19.03	19.22
31-Oct	18	18.2
1-Nov	24	24
2-Nov	24	24
3-Nov	24	24
4-Nov	18.16	18.37
5-Nov	24	24
6-Nov	18.01	18.2
7-Nov	18.01	18.22
8-Nov	18.45	19.2
9-Nov	17.63	17.83
<b>Grand Total</b>	<b>1144.86</b>	<b>1165.62</b>

Unit 1A Hourly Emissions									
Operating Time (hours)	Gas Flow (scfh)	Calculated Stack Flow (scfh)	CO (lbs./hr.)	NOx (lbs./hr.)	SO2 (lbs./hr.) <sup>1</sup>	VOC (lbs./hr.) <sup>1</sup>	PM10/PM2.5 (lbs./hr.) <sup>2</sup>		
9/10/2021 0:00	1	2088226.7	51172516	1.9	15.2	1.30056	5.554683022	8.227613198	
9/10/2021 1:00	1	1876951.9	45412958	1.7	13.6	1.16898	4.992692054	7.395190486	
9/10/2021 2:00	1	2026750.7	49037349	1.8	14.7	1.26228	5.391156862	7.985397758	
9/10/2021 3:00	1	2023215.3	49579397	1.8	12.6	1.26006	5.381752698	7.971468282	
9/10/2021 4:00	1	2121265.8	51834048	1.9	15.4	1.32114	5.642567028	8.357787252	
9/10/2021 5:00	1	2099718.1	51454118	1.9	13.1	1.3077	5.585250146	8.272889314	
9/10/2021 6:00	1	1885578.8	46504338	1.7	13.7	1.17432	5.015639608	7.429180472	
9/10/2021 7:00	1	1734752.5	42738019	1.9	12.6	1.08042	4.61444165	6.83492485	
9/10/2021 8:00	1	1645533.9	40898987	1.8	10.2	1.02486	4.377120174	6.483403566	
9/10/2021 9:00	1	1843488.4	44882771	1.6	13.4	1.1481	4.903679144	7.263344296	
9/10/2021 10:00	1	1826755.6	44571815	1.6	13.3	1.13772	4.859169896	7.197417064	
9/10/2021 11:00	1	2178122.5	53375436	1.9	15.8	1.35654	5.79380585	8.58180265	
9/10/2021 12:00	1	1896904.1	46328573	1.7	11.8	1.1814	5.045764906	7.473802154	
9/10/2021 13:00	1	1799722.8	44183176	1.9	13.1	1.12086	4.787262648	7.090907832	
9/10/2021 14:00	1	1983861.6	48156371	1.7	14.4	1.23552	5.277071856	7.816414704	
9/10/2021 15:00	1	1969134.5	48366649	2.1	14.3	1.2264	5.23789777	7.75838993	
9/10/2021 16:00	1	2193301.2	53747394	2	15.9	1.36596	5.834181192	8.641606728	
9/10/2021 17:00	1	2196044	53814608	2	16	1.3677	5.84147704	8.65241336	
9/10/2021 18:00	1	2143698.2	52375870	1.9	13.4	1.33512	5.702237212	8.446170908	
9/10/2021 19:00	1	2116129.9	51704364	1.9	15.4	1.3179	5.628905534	8.337551806	
9/10/2021 20:00	1	2069719.5	50411900	1.8	15	1.28904	5.50545387	8.15469483	
9/10/2021 21:00	1	1967917.8	47777131	1.7	14.3	1.22562	5.234661348	7.753596132	
9/10/2021 22:00	1	1842591	45124447	1.6	11.5	1.14756	4.90129206	7.25980854	
9/10/2021 23:00	1	1828013.3	44623128	1.6	13.3	1.1385	4.862515378	7.202372402	
9/11/2021 0:00	1	1956634.5	47802222	1.7	14.2	1.2186	5.20464777	7.70913993	
9/11/2021 1:00	1	1979613.1	47896852	1.7	14.4	1.23288	5.265770846	7.799675614	
9/11/2021 2:00	1	1981531.8	47943274	1.7	14.4	1.23408	5.270874588	7.80725292	
9/11/2021 3:00	1	2060450.8	50491861	1.8	15	1.28322	5.480799128	8.118176152	
9/11/2021 4:00	1	1831781	44590563	1.6	11.4	1.14084	4.87252746	7.17217174	
9/11/2021 5:00	1	1932020.9	46890260	1.7	14	1.20324	5.139175594	7.612162346	
9/11/2021 6:00	1	2021460.8	48903958	1.8	14.7	1.25898	5.377085728	7.964555552	
9/11/2021 7:00	0.37	827220.2	14140259	8.4	19.9	0.70254	2.200405732	3.259247588	
9/11/2021 8:00	0	0	0	0	0	0	0	0	
9/11/2021 9:00	0	0	0	0	0	0	0	0	
9/11/2021 10:00	0	0	0	0	0	0	0	0	
9/11/2021 11:00	0.48	871338.8	17275667	14.3	31.8	0.56136	2.317761208	3.433074872	
9/11/2021 12:00	1	1931850.7	47007855	1.7	12	1.20318	5.138722862	7.611491758	
9/11/2021 13:00	1	2111349.6	51739151	1.9	15.3	1.31496	5.616189936	8.318717424	
9/11/2021 14:00	1	2033484.2	49523166	1.8	12.8	1.26648	5.409067972	8.011927748	
9/11/2021 15:00	1	2049354.3	49912577	1.8	12.7	1.27632	5.451282438	8.074455942	
9/11/2021 16:00	1	2159211.2	52754686	1.9	15.7	1.34478	5.743501792	8.507292128	
9/11/2021 17:00	1	2192076.6	53717385	2	15.9	1.36524	5.830923756	8.636781804	
9/11/2021 18:00	1	2198217.5	53867870	2	16	1.36908	5.84725855	8.66097695	
9/11/2021 19:00	1	2200516.2	53924199	2	16	1.37046	5.853373092	8.670033828	
9/11/2021 20:00	1	2203758	54003641	2	16	1.3725	5.86199628	8.68280652	
9/11/2021 21:00	1	2061267.1	50357251	1.8	12.8	1.28376	5.482970486	8.121392374	
9/11/2021 22:00	1	2006459.4	48870018	1.8	14.6	1.24962	5.337182004	7.905450036	
9/11/2021 23:00	1	2191771.1	53709898	2	15.9	1.36506	5.830111126	8.635578134	
9/12/2021 0:00	1	2168908.6	53149648	1.9	15.8	1.35078	5.769296876	8.545499884	
9/12/2021 1:00	1	2057593.9	50108688	1.8	15	1.28148	5.473199774	8.106919966	
9/12/2021 2:00	1	1953883.4	47274319	1.7	14.2	1.21686	5.197329844	7.698300596	
9/12/2021 3:00	1	2003261.2	48633607	1.8	14.6	1.24764	5.328674792	7.892849128	
9/12/2021 4:00	1	1951190.4	47209162	1.7	14.2	1.21518	5.190166464	7.687690176	
9/12/2021 5:00	1	1893711	45818445	1.7	11.8	1.17942	5.03727126	7.46122134	
9/12/2021 6:00	1	1773479.3	43634257	1.6	12.9	1.10454	4.717454938	6.987508442	
9/12/2021 7:00	0.37	808651.7	13980418	8.3	20.6	0.68676	2.151013522	3.186087698	
9/12/2021 8:00	0	0	0	0	0	0	0	0	
9/12/2021 9:00	0	0	0	0	0	0	0	0	
9/12/2021 10:00	0	0	0	0	0	0	0	0	
9/12/2021 11:00	0.62	843226.4	25464176	9.7	28.7	0.6387	2.242982224	3.322312016	
9/12/2021 12:00	1	1943391.4	47864340	2.1	8.1	1.21032	5.169421124	7.656692116	
9/12/2021 13:00	1	2196177	53817867	2	13.7	1.36776	5.84183082	8.65293738	
9/12/2021 14:00	1	2202786.1	53979824	2	9.1	1.3719	5.859411026	8.678977234	
9/12/2021 15:00	1	2014371.1	49204044	1.8	8.4	1.25454	5.358227126	7.936622134	
9/12/2021 16:00	1	2139855.3	52285510	1.9	15.5	1.33272	5.692015098	8.431029882	
9/12/2021 17:00	1	2198923.5	53885169	2	16	1.3695	5.84913651	8.66375859	
9/12/2021 18:00	1	2201143.4	53939570	2	16	1.37088	5.855041444	8.672504996	
9/12/2021 19:00	1	2202090.6	53962781	2	16	1.37148	5.857560996	8.676236964	
9/12/2021 20:00	1	2202105.4	53963144	2	16	1.37148	5.857600364	8.676295276	
9/12/2021 21:00	1	2038635.6	49656169	1.8	12.7	1.26966	5.422770696	8.032224264	
9/12/2021 22:00	1	1939554.7	46927637	1.7	14.1	1.20798	5.159215502	7.641845518	
9/12/2021 23:00	1	1777175.2	43400789	1.6	12.9	1.10682	4.727286032	7.002070288	
9/13/2021 0:00	1	1759552.6	42840793	1.6	12.8	1.09584	4.680409916	6.932637244	
9/13/2021 1:00	1	1639374.6	40561905	1.5	10.2	1.02102	4.360736436	6.459135924	
9/13/2021 2:00	0.38	888682.8	14728281	8.1	20.5	0.72192	2.363896248	3.501410232	
9/13/2021 3:00	0	0	0	0	0	0	0	0	
9/13/2021 4:00	0	0	0	0	0	0	0	0	
9/13/2021 5:00	0	0	0	0	0	0	0	0	
9/13/2021 6:00	0	0	0	0	0	0	0	0	
9/13/2021 7:00	0	0	0	0	0	0	0	0	
9/13/2021 8:00	0	0	0	0	0	0	0	0	
9/13/2021 9:00	0	0	0	0	0	0	0	0	
9/13/2021 10:00	0.62	839648.3	26130182	11.1	29.7	0.636	2.233464478	3.308214302	
9/13/2021 11:00	1	1862558.7	45205345	1.6	7.7	1.15998	4.954406142	7.338481278	
9/13/2021 12:00	1	1925296	46492164	1.7	12	1.1991	5.12128736	7.58566624	
9/13/2021 13:00	1	2075074.9	49855694	1.8	12.9	1.29234	5.19699234	8.17595106	
9/13/2021 14:00	1	2053486.4	49874627	1.8	12.8	1.2789	5.462273824	8.090736416	
9/13/2021 15:00	1	2033131	49360935	1.8	12.7	1.26624	5.40812846	8.01053614	
9/13/2021 16:00	1	2061164.4	50211121	1.8	15	1.2837	5.482697304	8.120987736	
9/13/2021 17:00	1	2199960.7	53910588	2	16	1.37016	5.851895462	8.667845158	
9/13/2021 18:00	1	2198807.3	53882321	2	16	1.36944	5.848827418	8.663300762	
9/13/2021 19:00	1	1944269.7	47202350	1.7	12.1	1.21092	5.171757402	7.660422618	
9/13/2021 20:00	1	1937047	47166644	1.7	14.1	1.20642	5.15254502	7.63196518	
9/13/2021 21:00	1	1723814.3	42779532	1.6	10.7	1.07558	4.585346038	6.791828342	
9/13/2021 22:00	0.12	418114	5876376	11.5	33.5	0.558	1.11218324	1.647369616	
9/13/2021 23:00	0	0	0	0	0	0	0	0	
9/14/2021 0:00	0	0	0	0	0	0	0	0	
9/14/2021 1:00	0	0	0	0	0	0	0	0	
9/14/2021 2:00	0	0	0	0	0	0	0	0	
9/14/2021 3:00	0	0	0	0	0	0	0	0	
9/14/2021 4:00	0	0	0	0	0	0	0	0	
9/14/2021 5:00	0	0	0	0	0	0	0	0	
9/14/2021 6:00	0	0	0	0	0	0	0	0	
9/14/2021 7:00	0	0	0	0	0	0	0	0	
9/14/2021 8:00	0	0	0	0	0	0	0	0	
9/14/2021 9:00	0	0	0	0	0	0	0	0	
9/14/2021 10:00	0	0	0	0	0	0	0	0	
9/14/2021 11:00	0	0	0	0	0	0	0	0	
9/14/2021 12:00	0.63	853845.1	26021200	13.1	28.3	0.62976	2.271227966	3.364149694	
9/14/2021 13:00	1	1918349.2	46813962	1.7	13.9	1.19472	5.102808872	7.558295848	
9/14/2021 14									



9/19/2021 14:00	0	0	0	0	0	0	0	0	0
9/19/2021 15:00	0.8	860495	0	8.3	23.4	0.66924	2.2889167	3.3903503	
9/19/2021 16:00	1	2061847.1	50508569	1.8	12.8	1.28412	5.484513286	8.123677574	
9/19/2021 17:00	1	2204267.7	50161030	2	16	1.3728	5.863352082	8.684814738	
9/19/2021 18:00	1	2020568.3	49208389	1.8	12.6	1.25844	5.374711678	7.961039102	
9/19/2021 19:00	1	2030891.3	49463118	1.8	8.4	1.26486	5.402170858	8.001711722	
9/19/2021 20:00	1	2085100.2	51095991	1.9	8.7	1.29858	5.546366532	8.215294788	
9/19/2021 21:00	1	2006296.8	48701401	1.8	8.3	1.2495	5.336749488	7.904809392	
9/19/2021 22:00	1	2005966.6	48857990	1.8	8.3	1.24932	5.335871156	7.903508404	
9/19/2021 23:00	1	1714060.8	42542439	2.2	7.1	1.06752	4.559401728	6.753399552	
9/20/2021 0:00	1	1734577.2	42317845	1.5	7.2	1.0803	4.613975352	6.834234168	
9/20/2021 1:00	1	1717860	42096589	1.5	7.1	1.06986	4.56595076	6.7683684	
9/20/2021 2:00	1	1825768.9	44174581	1.6	7.6	1.13706	4.856545274	7.193529466	
9/20/2021 3:00	1	1837128.8	44579673	1.6	7.6	1.14414	4.886726008	7.238287472	
9/20/2021 4:00	1	1740730.2	42625800	1.5	7.2	1.08414	4.630342332	6.858476988	
9/20/2021 5:00	1	2046624.3	49143746	1.8	12.7	1.27464	5.444020638	8.063699742	
9/20/2021 6:00	1	1776771.1	44467716	2.3	11.1	1.10658	4.726211126	7.000478134	
9/20/2021 7:00	0.1	297944.9	5273099	11.2	37.9	0.46392	0.792533434	1.173902906	
9/20/2021 8:00	0	0	0	0	0	0	0	0	
9/20/2021 9:00	0	0	0	0	0	0	0	0	
9/20/2021 10:00	0	0	0	0	0	0	0	0	
9/20/2021 11:00	0	0	0	0	0	0	0	0	
9/20/2021 12:00	0	0	0	0	0	0	0	0	
9/20/2021 13:00	0	0	0	0	0	0	0	0	
9/20/2021 14:00	0.65	909811.8	26473843	11.8	28.3	0.65382	2.420116146	3.584683314	
9/20/2021 15:00	1	1836050.4	44692638	1.6	7.6	1.14348	4.883894064	7.234038576	
9/20/2021 16:00	1	2052848.6	50162233	1.8	8.5	1.27854	5.460577276	8.088223484	
9/20/2021 17:00	1	2197080.1	53839997	2	9.1	1.36836	5.844233066	8.656495594	
9/20/2021 18:00	1	2199318.9	53894860	2	9.1	1.36974	5.850188274	8.665316466	
9/20/2021 19:00	1	2144062.1	52387023	1.9	8.9	1.3353	5.703205186	8.447604674	
9/20/2021 20:00	1	2119326.6	51782107	1.9	8.8	1.31994	5.637408756	8.350146804	
9/20/2021 21:00	1	2027697.4	49393809	1.8	8.4	1.26288	5.393675084	7.989127756	
9/20/2021 22:00	1	1770946.2	43087444	1.6	7.4	1.10292	4.710716892	6.977528028	
9/20/2021 23:00	1	1934856.7	46813968	1.7	12.1	1.20504	5.146718822	7.623335398	
9/21/2021 0:00	1	1893368.9	45810167	1.7	7.9	1.17918	5.036361274	7.459873466	
9/21/2021 1:00	1	1861416.4	45037076	1.6	7.7	1.15932	4.951367624	7.333980616	
9/21/2021 2:00	1	1737466.6	42301989	1.5	7.2	1.0821	4.621661156	6.845618404	
9/21/2021 3:00	1	1885023.6	45608252	1.7	11.7	1.17402	5.014162776	7.426992984	
9/21/2021 4:00	1	1942862.1	47007659	1.7	12.1	1.21002	5.168013186	7.654876674	
9/21/2021 5:00	1	1977629.9	46953495	1.7	14.4	1.23168	5.260495534	7.791861806	
9/21/2021 6:00	1	1799633.7	44445158	1.9	11.2	1.1208	4.787025642	7.090556778	
9/21/2021 7:00	0.18	674730.2	6448429	13	28.7	0.57306	1.794782332	2.658436988	
9/21/2021 8:00	0	0	0	0	0	0	0	0	
9/21/2021 9:00	0	0	0	0	0	0	0	0	
9/21/2021 10:00	0	0	0	0	0	0	0	0	
9/21/2021 11:00	0.65	922741.8	26417192	9.9	28.7	0.66312	2.454493188	3.635602692	
9/21/2021 12:00	1	2135937	52019682	1.9	15.5	1.33026	5.68159242	8.41559178	
9/21/2021 13:00	1	2194448.5	53775509	2	15.9	1.36668	5.83723301	8.64612709	
9/21/2021 14:00	1	2198948	53885771	2	16	1.3695	5.84920168	8.66385512	
9/21/2021 15:00	1	2199631.4	53902518	2	16	1.36992	5.851019524	8.666547716	
9/21/2021 16:00	1	2201637.4	53951674	2	16	1.37118	5.856355484	8.674451356	
9/21/2021 17:00	1	2206431.3	54069151	2	16	1.37418	5.869107258	8.693339322	
9/21/2021 18:00	1	2207208.9	54088207	2	16	1.37466	5.871175674	8.696403066	
9/21/2021 19:00	1	2206732.4	54076529	2	16	1.37436	5.869908184	8.694525656	
9/21/2021 20:00	1	2206268.5	54065162	2	16	1.37406	5.86867421	8.69269789	
9/21/2021 21:00	1	2208575.8	54121701	2	16	1.3755	5.874811628	8.701788652	
9/21/2021 22:00	1	1992624.9	48375954	1.8	12.4	1.24098	5.300382234	7.850942106	
9/21/2021 23:00	1	2203868	54006335	2	16	1.37256	5.86228888	8.68323992	
9/22/2021 0:00	1	2208468.7	54119077	2	16	1.37544	5.874526742	8.701366678	
9/22/2021 1:00	1	1982924.7	47976975	1.7	14.4	1.23498	5.274579702	7.812723318	
9/22/2021 2:00	1	1954477.3	47288690	1.7	14.2	1.21728	5.198909618	7.700640562	
9/22/2021 3:00	1	1945989.1	47083318	1.7	14.1	1.21194	5.176331006	7.667197054	
9/22/2021 4:00	1	2214393.7	54264271	2	16.1	1.3791	5.890287242	8.724711178	
9/22/2021 5:00	1	2214407	54247655	2	16.1	1.37916	5.89032262	8.72476358	
9/22/2021 6:00	1	2209551.3	54145608	2	16.1	1.3761	5.877406458	8.705632122	
9/22/2021 7:00	0.62	1438042.6	29878323	8.1	21.8	1.08924	3.825193316	5.665887844	
9/22/2021 8:00	0	0	0	0	0	0	0	0	
9/22/2021 9:00	0	0	0	0	0	0	0	0	
9/22/2021 10:00	0	0	0	0	0	0	0	0	
9/22/2021 11:00	0.57	723423.6	27367427	9.6	29.8	0.59634	1.924306776	2.850289884	
9/22/2021 12:00	1	1866642.9	45808394	1.7	11.6	1.16256	4.965270114	7.354573026	
9/22/2021 13:00	1	2025494.5	49487039	1.8	14.7	1.2615	5.38781537	7.98044833	
9/22/2021 14:00	1	2165912.5	53076228	1.9	15.7	1.34892	5.76132725	8.53369525	
9/22/2021 15:00	1	2197539.1	53851245	2	16	1.3686	5.845454006	8.658304054	
9/22/2021 16:00	1	2197871.2	53859384	2	16	1.36884	5.846337392	8.659612528	
9/22/2021 17:00	1	2199459.8	53898313	2	16	1.3698	5.850563068	8.665871612	
9/22/2021 18:00	1	2205577.3	54048224	2	16	1.37364	5.866835618	8.689974562	
9/22/2021 19:00	1	2205642.2	54049814	2	16	1.3737	5.867008252	8.690230268	
9/22/2021 20:00	1	2203960.7	54008608	2	16	1.37262	5.862535462	8.683605158	
9/22/2021 21:00	1	1965792.7	47207707	1.7	12.2	1.2243	5.229008582	7.745223238	
9/22/2021 22:00	1	2145744.9	52426940	1.9	15.6	1.33638	5.707681434	8.452434906	
9/23/2021 0:00	1	1987802.2	48252400	1.7	14.4	1.23798	5.287553852	7.831940668	
9/23/2021 1:00	1	1954471.7	47288553	1.7	14.2	1.21722	5.198894722	7.700618498	
9/23/2021 2:00	1	1943142.9	47014454	1.7	14.1	1.2102	5.168760114	7.655983026	
9/23/2021 3:00	1	2030676.7	49461141	1.8	14.8	1.26468	5.401600022	8.000866198	
9/23/2021 4:00	1	2125560.4	51933951	1.9	15.4	1.32378	5.653990664	8.374707976	
9/23/2021 5:00	1	2191776.8	53606667	2	15.9	1.36506	5.830126288	8.635600592	
9/23/2021 6:00	1	2005802.7	48999123	1.8	12.5	1.2492	5.335435182	7.902862638	
9/23/2021 7:00	0.15	532182	6202547	12.5	38.7	0.55242	1.41560412	2.09679708	
9/23/2021 8:00	0	0	0	0	0	0	0	0	
9/23/2021 9:00	0	0	0	0	0	0	0	0	
9/23/2021 10:00	0	0	0	0	0	0	0	0	
9/23/2021 11:00	0.6	796160.2	25950309	9.8	30	0.6198	2.117786132	3.136871188	
9/23/2021 12:00	1	2147350.3	52621356	1.9	15.6	1.33734	5.711951798	8.460560182	
9/23/2021 13:00	1	2192356.7	53724249	2	15.9	1.36542	5.831668822	8.637885398	
9/23/2021 14:00	1	2039205	49971228	1.8	12.7	1.27002	5.4242853	8.0344677	
9/23/2021 15:00	1	2043086	49921160	1.8	14.8	1.27242	5.43460876	8.04975884	
9/23/2021 16:00	1	2186141.8	53571952	1.9	15.9	1.36152	5.815137188	8.613398692	
9/23/2021 17:00	1	2194811.1	53784393	2	15.9	1.36692	5.838197526	8.647555734	
9/23/2021 18:00	1	2195595.8	53803623	2	16	1.3674	5.840284828	8.650647452	
9/23/2021 19:00	1	2194295.8	53771767	2	15.9	1.36662	5.836826828	8.645525452	
9/23/2021 20:00	1	2197065.4	53839637	2	16	1.36836	5.844193964	8.656437676	
9/23/2021 21:00	1	2108358.9	51507887	1.9	13.1	1.3131	5.608234674	8.306934066	
9/23/2021 22:00	1	1949196.5	47160920	1.7	14.2	1.21398	5.18486269	7.67983421	
9/23/2021 23:00	1	2072971.1	50496580	1.8	15.1	1.29102	5.514103126	8.167506134	
9/24/2021 0:00	1	1950899	47202112	1.7	14.2	1.215	5.18939134	7.68654206	
9/24/2021 1:00	1	2014473.8	48907799	1.8	14.6	1.2546	5.358500308	7.937026772	
9/24/2021 2:00	1	1943907.3	47032947	1.7	14.1	1.21068	5.170793418	7.658994762	
9/24/2021 3:00	1								

9/24/2021 10:00	0	0	0	0	0	0	0	0	0
9/24/2021 11:00		0	0	0	0	0	0	0	0
9/24/2021 12:00	0.63	829824.8	24805920	9.3	27.5	0.612	2.207333968	3.269509712	
9/24/2021 13:00	1	1989410.5	48867727	1.8	12.4	1.239	5.29183193	7.83827737	
9/24/2021 14:00	1	2177630.4	53363378	1.9	9	1.35624	5.792496864	8.579863776	
9/24/2021 15:00	1	2103133	51537800	1.9	8.7	1.3098	5.59433378	8.28634402	
9/24/2021 16:00	1	2204647	54025425	2	13.7	1.37304	5.86436102	8.68630918	
9/24/2021 17:00	1	2205502.1	54046380	2	16	1.37358	5.866635586	8.689678274	
9/24/2021 18:00	1	2203598.3	53999726	2	16	1.37328	5.861571478	8.682177302	
9/24/2021 19:00	1	2206281.2	53926942	2	16	1.37058	5.853670746	8.670474714	
9/24/2021 20:00	1	2199440.8	53897847	2	16	1.3698	5.850512528	8.665796752	
9/24/2021 21:00	1	2201575.2	53950151	2	16	1.37112	5.856190032	8.674206288	
9/24/2021 22:00	1	2203399.7	53994861	2	16	1.37226	5.861043202	8.681394818	
9/24/2021 23:00	1	2203326.5	53993067	2	16	1.37226	5.86084849	8.68110641	
9/25/2021 0:00	1	2203945.3	54008230	2	16	1.37262	5.862494498	8.683544482	
9/25/2021 1:00	1	2203647.6	54000934	2	16	1.37244	5.861702616	8.682371544	
9/25/2021 2:00	1	2203811.5	54004952	2	16	1.37256	5.86213859	8.68301731	
9/25/2021 3:00	1	2204913.7	54031961	2	16	1.37322	5.865070442	8.687359978	
9/25/2021 4:00	1	2205929.4	54056852	2	16	1.37388	5.867772204	8.691361836	
9/25/2021 5:00	1	2204605.5	54018748	2	16	1.37304	5.864250663	8.68614567	
9/25/2021 6:00	1	2069578.7	50558035	1.8	12.9	1.28892	5.505079342	8.154140078	
9/25/2021 7:00	0.38	1091420.4	16696065	8.9	23.6	0.88662	2.903178264	4.300196376	
9/25/2021 8:00	0	0	0	0	0	0	0	0	
9/25/2021 9:00	0	0	0	0	0	0	0	0	
9/25/2021 10:00	0	0	0	0	0	0	0	0	
9/25/2021 11:00	0	0	0	0	0	0	0	0	
9/25/2021 12:00	0	0	0	0	0	0	0	0	
9/25/2021 13:00	0.63	826939.9	25882863	9.6	27.4	0.6099	2.199660134	3.258143206	
9/25/2021 14:00	1	2016414.9	49705517	1.8	8.4	1.2558	5.363663634	7.944674706	
9/25/2021 15:00	1	2076273.6	50724791	1.8	8.6	1.29312	5.522887776	8.180517984	
9/25/2021 16:00	1	1966405.2	47880751	1.7	12.2	1.22466	5.230637832	7.747636488	
9/25/2021 17:00	1	2176455.1	53334577	1.9	15.8	1.35552	5.789370566	8.575233094	
9/25/2021 18:00	1	2208563	54121389	2	13.8	1.3755	5.87477758	8.70173822	
9/25/2021 19:00	1	2209186.6	54136670	2	13.8	1.37586	5.876436356	8.704195204	
9/25/2021 20:00	1	2210201.3	54161536	2	13.8	1.37652	5.879135458	8.708193122	
9/25/2021 21:00	1	2211717	54198677	2	13.8	1.37748	5.88316722	8.71416498	
9/25/2021 22:00	1	2213004.2	54230220	2	13.8	1.37826	5.886591172	8.719236548	
9/25/2021 23:00	1	2213632	54245605	2	13.8	1.37862	5.88826112	8.72171008	
9/26/2021 0:00	1	2212593.8	54220164	2	13.8	1.37802	5.885499508	8.717619572	
9/26/2021 1:00	1	2213241.3	54236032	2	13.8	1.37838	5.887221858	8.720170722	
9/26/2021 2:00	1	2213590	54244576	2	13.8	1.37862	5.8881494	8.7215446	
9/26/2021 3:00	1	2214015.6	54255007	2	13.8	1.37892	5.889281496	8.723221464	
9/26/2021 4:00	1	2213244.2	54236102	2	13.8	1.37838	5.887229572	8.720182148	
9/26/2021 5:00	1	2213081.8	54231007	2	16.1	1.37832	5.886797588	8.719542292	
9/26/2021 6:00	1	2215841.3	54299744	2	13.8	1.38	5.894137858	8.730414722	
9/26/2021 7:00	1	2187956.3	53616417	1.9	9.1	1.36266	5.819963758	8.620547822	
9/26/2021 8:00	1	2166566.2	53069947	1.9	9	1.3488	5.760645492	8.532685428	
9/26/2021 9:00	0.62	1000915.1	22922629	6.8	12.6	0.75816	2.662434166	3.943605494	
9/26/2021 10:00	0	0	0	0	0	0	0	0	
9/26/2021 11:00	0	0	0	0	0	0	0	0	
9/26/2021 12:00	0.65	850521.2	25443808	9.2	26.5	0.61122	2.262386392	3.351053528	
9/26/2021 13:00	1	1907976.2	46866510	1.7	7.9	1.1883	5.075216692	7.517426228	
9/26/2021 14:00	1	1996917.5	48631184	1.8	8.3	1.24368	5.31180055	7.86785495	
9/26/2021 15:00	1	2122403.2	52010021	1.9	8.8	1.32186	5.645592512	8.362268608	
9/26/2021 16:00	1	2149599.8	52523578	1.9	13.4	1.33878	5.717935468	8.469423212	
9/26/2021 17:00	1	2211306.5	54188619	2	13.8	1.37718	5.88207529	8.71254761	
9/26/2021 18:00	1	2213482.9	54241951	2	13.8	1.37856	5.887864514	8.721122626	
9/26/2021 19:00	1	2214176.1	54258939	2	13.8	1.37898	5.889708426	8.723853834	
9/26/2021 20:00	1	2214330.3	54262717	2	13.8	1.3791	5.890118598	8.724641382	
9/26/2021 21:00	1	2214048.2	54255805	2	13.8	1.37892	5.889368212	8.723349908	
9/26/2021 22:00	1	2211398.1	54190863	2	13.8	1.37724	5.882318946	8.712908514	
9/26/2021 23:00	1	1926591.7	46613995	1.7	12	1.19988	5.124733922	7.590771298	
9/27/2021 0:00	1	1858756	45104286	1.6	11.6	1.15764	4.94429096	7.32349864	
9/27/2021 1:00	1	1644853.2	40407666	1.5	10.2	1.02444	4.375309512	6.480721608	
9/27/2021 2:00	1	1399451.3	36219331	1.3	8.7	0.87156	3.722540458	5.513838122	
9/27/2021 3:00	1	1681332.7	42052168	1.5	10.5	1.04712	4.472344982	6.624450838	
9/27/2021 4:00	1	2174621	53130152	1.9	13.5	1.35438	5.78449186	8.56800674	
9/27/2021 5:00	1	2212771.9	54221227	2	16.1	1.37814	5.885973254	8.718321286	
9/27/2021 6:00	1	2209740.5	54150244	2	13.8	1.37622	5.87790973	8.70637757	
9/27/2021 7:00	1	1808396.2	44025142	1.6	11.3	1.12626	4.810333892	7.125081028	
9/27/2021 8:00	1	1745944.2	42500881	1.6	10.9	1.08738	4.644211572	6.879020148	
9/27/2021 9:00	1	1888040.1	45681238	1.7	11.8	1.17588	5.022186666	7.438877994	
9/27/2021 10:00	1	1779842.6	43468844	1.6	11.1	1.1085	4.734381316	7.012579844	
9/27/2021 11:00	1	1669459.7	41021646	1.8	10.4	1.03974	4.440762802	6.577671218	
9/27/2021 12:00	1	1608354.7	40178684	1.5	10	1.0017	4.27823502	6.336917518	
9/27/2021 13:00	1	1808556.7	46319821	1.7	11.9	1.18866	5.07670822	7.51971398	
9/27/2021 14:00	1	2069892.7	50570611	1.8	12.9	1.2891	5.505914582	8.155377238	
9/27/2021 15:00	1	2093700.9	51306665	1.9	13	1.30398	5.569244394	8.249181546	
9/27/2021 16:00	1	1967123.8	48409523	2.1	12.3	1.22514	5.232549308	7.750467772	
9/27/2021 17:00	1	2056928	5005536	1.8	12.8	1.28106	5.47142848	8.10429632	
9/27/2021 18:00	1	1950024.2	47333325	1.7	12.1	1.21446	5.187064372	7.683095348	
9/27/2021 19:00	1	2204960.8	54033116	2	13.7	1.37322	5.865195728	8.687545552	
9/27/2021 20:00	1	2210611.8	54171594	2	13.8	1.37676	5.880227388	8.709810492	
9/27/2021 21:00	1	2204659.6	54025733	2	13.7	1.37304	5.864394536	8.686358824	
9/27/2021 22:00	1	1955966.5	47324722	1.7	12.2	1.21818	5.20287089	7.70650801	
9/27/2021 23:00	1	2204257.6	54015884	2	13.7	1.3728	5.863325216	8.684774944	
9/28/2021 0:00	1	2185464.1	53555344	1.9	13.6	1.3611	5.813334506	8.610728554	
9/28/2021 1:00	1	2209696.3	54149159	2	13.8	1.37622	5.87792158	8.706203422	
9/28/2021 2:00	1	2207950.8	54106386	2	13.8	1.37514	5.873149128	8.699326152	
9/28/2021 3:00	1	2206995.7	54082981	2	13.7	1.37454	5.870608562	8.695563058	
9/28/2021 4:00	1	2205714.6	54051588	2	13.7	1.3737	5.867200836	8.690515524	
9/28/2021 5:00	1	2205041.7	54035098	2	16	1.37328	5.865410922	8.687864298	
9/28/2021 6:00	1	2058160.4	50279541	1.8	12.8	1.28184	5.474706664	8.109151976	
9/28/2021 7:00	1	1737316.7	43343953	1.9	10.8	1.08198	4.621262422	6.845027798	
9/28/2021 8:00	1	1136843	31955478	1.6	7.1	0.708	3.02400238	4.47916142	
9/28/2021 9:00	1	1133352	31857348	1.6	7.1	0.70584	3.01471632	4.46540688	
9/28/2021 10:00	1	1358898.1	36450337	1.9	8.5	0.8463	3.614668946	5.354058514	
9/28/2021 11:00	1	1678132.4	41859859	2.1	10.5	1.04514	4.463832184	6.611841656	
9/28/2021 12:00	1	1935882.3	46838782	1.7	12.1	1.20564	5.149446918	7.627376262	
9/28/2021 13:00	1	1963682.2	48120523	1.7	12.2	1.22298	5.223394652	7.736907868	
9/28/2021 14:00	1	2028904.5	49718813	1.8	12.6	1.2636	5.39688597	7.99388373	
9/28/2021 15:00	1	1985394.4	48652585	1.8	12.4	1.23648	5.281149104	7.822453936	
9/28/2021 16:00	1	2097613	51402531	1.9	13.1	1.30638	5.57965058	8.26459522	
9/28/2021 17:00	1	2080257.1	50820282	1.9	13	1.29558	5.533483886	8.196212974	
9/28/2021 18:00	1	1850628.1	44906152	1.6	11.5	1.1526	4.922670746	7.291474714	
9/28/2021 19:00	1	2085855.8	51107801	1.9	13	1.29888	5.547682228	8.21720805	

9/29/2021 6:00	1	1947987.9	47588535	1.7	12.1	1.2132	5.181647814	7.675072326
9/29/2021 7:00	1	1855764	45839484	2.3	11.6	1.15578	4.93633224	7.31171016
9/29/2021 8:00	0.38	1046820.3	16015178	9.2	18.4	0.85038	2.784541998	4.124471982
9/29/2021 9:00	0	0	0	0	0	0	0	0
9/29/2021 10:00	0	0	0	0	0	0	0	0
9/29/2021 11:00	0	0	0	0	0	0	0	0
9/29/2021 12:00	0	0	0	0	0	0	0	0
9/29/2021 13:00	0.63	816130.9	25527381	9.8	27.1	0.60192	2.170908194	3.215555746
9/29/2021 14:00	1	2019399.8	49770015	12.6	18.8	1.25766	5.371603468	7.956435212
9/29/2021 15:00	1	2086855.5	51138917	1.9	13.9	1.29972	5.55103563	8.22221067
9/29/2021 16:00	1	2074047.5	50510168	1.8	12.9	1.29174	5.51696635	8.17174715
9/29/2021 17:00	1	1996248.2	48459713	1.8	12.4	1.24326	5.310020212	7.865217908
9/29/2021 18:00	1	1912765.7	46441508	1.7	11.9	1.1913	5.087956762	7.536296858
9/29/2021 19:00	1	1973698.2	47915132	1.7	12.3	1.22922	5.250037212	7.776370908
9/29/2021 20:00	1	2021624.7	49232912	1.8	12.6	1.25904	5.377521702	7.965201318
9/29/2021 21:00	1	1960817.4	47601689	1.7	12.2	1.22118	5.215774284	7.725620556
9/29/2021 22:00	1	1879192.1	45467161	1.7	11.7	1.17036	4.998650986	7.404016874
9/29/2021 23:00	1	1923242.8	46532968	1.7	11.7	1.19778	5.115825848	7.577576632
9/30/2021 0:00	1	1812297.5	43982740	1.6	11.3	1.12872	4.82071135	7.14045215
9/30/2021 1:00	1	1863427.2	45085728	1.6	11.6	1.16052	4.956716352	7.341903168
9/30/2021 2:00	1	1841267.1	44685641	1.6	11.5	1.14672	4.897770486	7.254592374
9/30/2021 3:00	1	1816264.5	44368532	1.6	11.3	1.13118	4.83126357	7.15608213
9/30/2021 4:00	1	2112506.6	51617627	1.9	15.3	1.31568	5.619267556	8.323276004
9/30/2021 5:00	1	2117471.5	51574183	1.9	15.4	1.31874	5.63247419	8.34283771
9/30/2021 6:00	1	1994606.2	48574823	1.8	12.4	1.24224	5.305652492	7.858748428
9/30/2021 7:00	0.37	963698.1	15185531	9.4	21.8	0.81846	2.563436946	3.796970514
9/30/2021 8:00	0	0	0	0	0	0	0	0
9/30/2021 9:00	0	0	0	0	0	0	0	0
9/30/2021 10:00	0	0	0	0	0	0	0	0
9/30/2021 11:00	0.63	853782.1	25974072	9.8	27.3	0.6297	2.271060386	3.363901474
9/30/2021 12:00	1	2002060.4	49060989	1.8	12.5	1.24686	5.325480664	7.888117976
9/30/2021 13:00	1	2075943.5	50716518	1.8	12.9	1.29288	5.52200971	8.17921739
9/30/2021 14:00	1	1749434.4	43533750	2.2	10.9	1.08954	4.653495504	6.892771536
9/30/2021 15:00	1	2113970.7	51651008	1.9	13.7	1.31658	5.623162062	8.329044558
9/30/2021 16:00	1	2187135	53596289	1.9	13.6	1.36212	5.8177791	8.6173119
9/30/2021 17:00	1	2191464.2	53702379	2	13.6	1.36482	5.829294772	8.634368948
9/30/2021 18:00	1	2153740.3	52777945	1.9	13.4	1.34136	5.728949198	8.485736782
9/30/2021 19:00	1	2108477.9	51668778	1.9	13.1	1.31316	5.608551214	8.307402926
9/30/2021 20:00	1	2102546.8	51327724	1.9	13.1	1.30944	5.592774488	8.284034392
9/30/2021 21:00	1	2197584.7	53852363	2	13.7	1.36866	5.845575302	8.658483718
9/30/2021 22:00	1	1681584.5	41916394	1.5	10.5	1.0473	4.47301477	6.62544293
9/30/2021 23:00	1	2005408.5	48689788	1.8	12.5	1.24896	5.33438661	7.90130949
10/1/2021 0:00	1	2025887	49340210	1.8	12.6	1.25928	5.38885942	7.98199478
10/1/2021 1:00	1	2179521.1	53409708	1.9	13.5	1.3548	5.797526126	8.587313134
10/1/2021 2:00	1	2193753.1	53758468	2	13.6	1.36362	5.835383246	8.643387214
10/1/2021 3:00	1	2168529.2	53140351	1.9	13.5	1.34796	5.768287672	8.544005048
10/1/2021 4:00	1	2185842	53564604	1.9	13.6	1.3587	5.81433972	8.61221748
10/1/2021 5:00	1	2216561.2	54317386	2	16.1	1.37784	5.896052792	8.732511228
10/1/2021 6:00	1	2000120	48862236	1.8	12.4	1.24326	5.3203192	7.8804728
10/1/2021 7:00	0.13	476267	5989087	13.4	40.7	0.55506	1.26687022	1.87649198
10/1/2021 8:00	0	0	0	0	0	0	0	0
10/1/2021 9:00	0	0	0	0	0	0	0	0
10/1/2021 10:00	0	0	0	0	0	0	0	0
10/1/2021 11:00	0.63	906686.6	26081182	10.2	28.9	0.66744	2.411786356	3.572345204
10/1/2021 12:00	1	1721565.6	42674047	1.6	7.1	1.0701	4.579364496	6.782968464
10/1/2021 13:00	1	1198955.1	33195588	1.7	5	0.74526	3.189220566	4.723883094
10/1/2021 14:00	1	2051198.9	50105810	1.8	12.8	1.275	4.456189074	8.081723666
10/1/2021 15:00	1	2029142.4	49571438	1.8	12.6	1.26132	5.397518784	7.994821056
10/1/2021 16:00	1	2186524.1	53581319	1.9	9.1	1.35912	5.816154106	8.614904954
10/1/2021 17:00	1	2205871.8	54055440	2	9.1	1.37118	5.867618988	8.691134892
10/1/2021 18:00	1	2100213	51466243	1.9	8.7	1.30548	5.58656658	8.27483922
10/1/2021 19:00	1	2199735.7	53905074	2	9.1	1.36734	5.851296962	8.666958658
10/1/2021 20:00	1	2196344.6	53821973	2	9.1	1.36524	5.842276636	8.653597724
10/1/2021 21:00	1	2053364.6	50166031	1.8	8.5	1.27638	5.461949836	8.090256524
10/1/2021 22:00	1	2195653.5	53805038	2	13.6	1.36482	5.84043831	8.65087479
10/1/2021 23:00	1	2133611.5	52132236	1.9	8.8	1.32624	5.67540659	8.40642931
10/2/2021 0:00	1	2205276.5	54040852	2	9.1	1.37082	5.86603549	8.68878941
10/2/2021 1:00	1	2193081.6	53742013	2	9.1	1.3632	5.833597056	8.640741504
10/2/2021 2:00	1	2209587.8	54146501	2	9.2	1.37346	5.877503548	8.705775932
10/2/2021 3:00	1	2209749.7	54150470	2	9.2	1.37358	5.877934202	8.706413818
10/2/2021 4:00	1	2211829.6	54201436	2	9.2	1.3749	5.883466736	8.714608624
10/2/2021 5:00	1	2217436.8	54338844	2	13.8	1.37838	5.898381888	8.736700992
10/2/2021 6:00	1	1868444.7	45832130	1.7	7.7	1.16142	4.970662902	7.361672118
10/2/2021 7:00	0.13	473263.1	6112159	12.5	36.8	0.55158	1.258879846	1.864656614
10/2/2021 8:00	0	0	0	0	0	0	0	0
10/2/2021 9:00	0	0	0	0	0	0	0	0
10/2/2021 10:00	0	0	0	0	0	0	0	0
10/2/2021 11:00	0	0	0	0	0	0	0	0
10/2/2021 12:00	0.63	826991.7	25316979	9.7	26.4	0.60876	2.199797922	3.258347298
10/2/2021 13:00	1	1685156.7	42394377	1.5	10.5	1.04748	4.482516822	6.639517398
10/2/2021 14:00	1	2048300.6	50051050	1.8	12.7	1.2732	5.448479596	8.070304364
10/2/2021 15:00	1	2097578.3	51241818	1.9	8.7	1.30386	5.579558278	8.264458502
10/2/2021 16:00	1	2176184.2	53327937	1.9	9	1.3527	5.788649972	8.574165748
10/2/2021 17:00	1	2195398.7	53798794	2	9.1	1.36544	5.839760542	8.649870878
10/2/2021 18:00	1	2197423.6	53848414	2	9.1	1.3659	5.845146776	8.657848984
10/2/2021 19:00	1	2197107.6	53840672	2	9.1	1.36572	5.844306216	8.656603944
10/2/2021 20:00	1	2193590.6	53754487	2	9.1	1.36356	5.834950996	8.642746964
10/2/2021 21:00	1	2193245	53746016	2	9.1	1.36332	5.8340317	8.6413853
10/2/2021 22:00	1	2190738.5	53684595	2	9.1	1.36176	5.82736441	8.63150969
10/2/2021 23:00	1	2191113	53693772	2	9.1	1.362	5.82836058	8.63298522
10/3/2021 0:00	1	2193254	53746236	2	9.1	1.36332	5.83405564	8.64142076
10/3/2021 1:00	1	2197418.1	53848279	2	9.1	1.3659	5.845132146	8.657827314
10/3/2021 2:00	1	2194764	53783240	2	9.1	1.36428	5.83807224	8.64737016
10/3/2021 3:00	1	2200162.1	53915522	2	9.1	1.36764	5.852431186	8.668638674
10/3/2021 4:00	1	2212014	54205957	2	9.2	1.37496	5.88395724	8.71533516
10/3/2021 5:00	1	2214154.3	54259933	33.8	13.8	1.37634	5.889650438	8.723767942
10/3/2021 6:00	1	1822795.4	45209507	27.9	7.6	1.13304	4.848635764	7.181813876
10/3/2021 7:00	0.12	434707.4	5935028	14.2	28.9	0.5772	1.156321684	1.712747156
10/3/2021 8:00	0	0	0	0	0	0	0	0
10/3/2021 9:00	0	0	0	0	0	0	0	0
10/3/2021 10:00	0	0	0	0	0	0	0	0
10/3/2021 11:00	0	0	0	0	0	0	0	0
10/3/2021 12:00	0.67	874131.2	25435140	10.2	24.5	0.61128	2.325188992	3.444076928
10/3/2021 13:00	1	2023800	50035034	1.8	12.6	1.25802	5.383308	7.973772
10/3/2021 14:00	1	2181628.3	53461346	1.9	9	1.35612	5.803131278	8.595615502
10/3/2021 15:00	1	2085727.4	51111270	1.9	8.6	1.29648	5.548034884	8.217765956
10/3/2021 16:00	1	2184564.5	53533300	1.9	9.1	1.35792	5.81094157	8.60718413
10/3/2021 17:00	1	2197765.6	53856794	2	13.7	1.36614	5.846056496	8.659196464
10/3/2021 18:00	1	2198601.1	53877270	2	15.9	1.36662	5.848278926	8.662488334
10/3/2021 19:00	1	2197541	53851292	2	15.9	1.36602	5.84545906	8.65831154
10/3/2021 20:00	1	2195841.4	53809643	2	15.9	1.36494	5.840938124	8.651615116
10/3/2021 21:00	1	2191512.8	53703570	2	15.9	1.36224	5.829424048	8.634560432
10/3/2021 22:00	1	2189810.9	53661864	1.9	15.9	1		

10/4/2021 2:00	1	1939279.5	46920977	1.7	14.1	1.20546	5.15848347	7.64076123
10/4/2021 3:00	1	1912918.9	46283181	1.7	13.9	1.18908	5.088364274	7.536900466
10/4/2021 4:00	1	2199770.8	53905934	2	16	1.3674	5.851390328	8.667096952
10/4/2021 5:00	1	2211104.6	51483671	2	16	1.37442	5.881538236	8.711752124
10/4/2021 6:00	1	2002574.1	49073578	1.8	14.5	1.24482	5.326847106	7.890141954
10/4/2021 7:00	1	2106160.9	51460826	1.9	15.3	1.3092	5.602387994	8.298273946
10/4/2021 8:00	1	1873710.9	45599666	1.7	13.6	1.16472	4.984070994	7.382420946
10/4/2021 9:00	1	1766275	43414905	1.6	11	1.09794	4.6982915	6.9591235
10/4/2021 10:00	1	1800927.2	44256606	1.9	13.1	1.11948	4.790466352	7.095653168
10/4/2021 11:00	1	1970633	47830035	1.7	14.3	1.22496	5.24188378	7.76429402
10/4/2021 12:00	1	2184260.6	53525851	1.9	15.8	1.35774	5.810133196	8.605986764
10/4/2021 13:00	1	1953610.4	48004483	1.7	12.1	1.21434	5.196603664	7.697224976
10/4/2021 14:00	1	2162541.8	52993628	1.9	15.7	1.34424	5.752361188	8.520414692
10/4/2021 15:00	1	1955316.2	47776539	1.7	14.2	1.21542	5.201141092	7.703945828
10/4/2021 16:00	1	2191679.6	53707656	2	15.9	1.36236	5.829867736	8.635217624
10/4/2021 17:00	1	2192133.6	53718783	2	15.9	1.3626	5.831075376	8.637006384
10/4/2021 18:00	1	2184849.7	53540289	1.9	15.8	1.3581	5.811700202	8.608307818
10/4/2021 19:00	1	2180735.1	53439458	1.9	15.8	1.35552	5.800755366	8.592096294
10/4/2021 20:00	1	2143216.2	52520049	1.9	15.5	1.33224	5.700955092	8.444271828
10/4/2021 21:00	1	2139444.9	52273524	1.9	15.5	1.3299	5.690923434	8.429412906
10/4/2021 22:00	1	1915035.6	46630486	1.7	11.9	1.1904	5.093994696	7.545240264
10/4/2021 23:00	1	2171525.4	53213773	1.9	15.7	1.34982	5.762575764	8.555810076
10/5/2021 0:00	1	2084160	50761184	1.9	15.1	1.29552	5.5438656	8.2115904
10/5/2021 1:00	1	2091115	48934473	1.8	14.6	1.24884	5.3442459	7.9159131
10/5/2021 2:00	1	2064308.5	50586396	1.8	15	1.28316	5.49106061	8.13337549
10/5/2021 3:00	1	2124074.8	51899813	1.9	15.4	1.3203	5.650038968	8.368854712
10/5/2021 4:00	1	2200691.3	53928491	2	16	1.36794	5.853838858	8.670723722
10/5/2021 5:00	1	2200595.8	53926150	2	16	1.36788	5.853584828	8.670347452
10/5/2021 6:00	1	2198213.8	53867780	2	15.9	1.36638	5.847248708	8.660962372
10/5/2021 7:00	1	2162560.1	52836533	1.9	13.4	1.34424	5.752409866	8.520486794
10/5/2021 8:00	0.88	1094786.4	16760530	9.9	25.1	0.88764	2.912131824	4.313458416
10/5/2021 9:00	0	0	0	0	0	0	0	0
10/5/2021 10:00	0	0	0	0	0	0	0	0
10/5/2021 11:00	0	0	0	0	0	0	0	0
10/5/2021 12:00	0	0	0	0	0	0	0	0
10/5/2021 13:00	0.62	812600.7	24831359	10.3	27.6	0.61434	2.161517862	3.201646758
10/5/2021 14:00	1	1235384.6	33733226	1.2	5.1	0.76794	3.286123036	4.867415324
10/5/2021 15:00	1	1254827.9	33871634	1.2	7.8	0.78	3.337842214	4.944021926
10/5/2021 16:00	1	1511721.9	39392396	1.4	9.4	0.93966	4.021180254	5.956184286
10/5/2021 17:00	1	2189663	53658239	1.9	13.6	1.3611	5.82450358	8.62727222
10/5/2021 18:00	1	2205169.1	54038219	2	9.1	1.37076	5.865749806	8.688366254
10/5/2021 19:00	1	2072372.9	50460018	1.8	8.6	1.2882	5.512511914	8.165149226
10/5/2021 20:00	1	2194186.1	53769078	2	9.1	1.36392	5.836535026	8.645093234
10/5/2021 21:00	1	2149895.4	52527755	1.9	8.9	1.33638	5.718721764	8.470587876
10/5/2021 22:00	1	1975123.6	47950096	1.7	8.2	1.22772	5.253828776	7.781986984
10/5/2021 23:00	1	2185730.8	53561880	1.9	13.6	1.35864	5.814043928	8.611779352
10/6/2021 0:00	1	1928836.8	46668317	1.7	8	1.19898	5.130705888	7.599616992
10/6/2021 1:00	1	1942651	47002551	1.7	8.1	1.20756	5.16745166	7.65404494
10/6/2021 2:00	1	1906847.8	46136290	1.7	7.9	1.1853	5.072215148	7.512980332
10/6/2021 3:00	1	1952691.6	47245485	1.7	8.1	1.2138	5.194159656	7.693604904
10/6/2021 4:00	1	2054437.2	50041852	1.8	12.8	1.27704	5.464802952	8.094482568
10/6/2021 5:00	1	2206147.6	54062198	2	13.7	1.37136	5.868352616	8.692221544
10/6/2021 6:00	1	2032824.8	49526339	1.8	8.4	1.2636	5.407313968	8.009329712
10/6/2021 7:00	0.85	1469342.9	38977990	5.9	16.1	1.07454	3.908452114	5.789211026
10/6/2021 8:00	0	0	0	0	0	0	0	0
10/6/2021 9:00	0	0	0	0	0	0	0	0
10/6/2021 10:00	0	0	0	0	0	0	0	0
10/6/2021 11:00	0	0	0	0	0	0	0	0
10/6/2021 12:00	0	0	0	0	0	0	0	0
10/6/2021 13:00	0	0	0	0	0	0	0	0
10/6/2021 14:00	0.65	1035810.1	27858069	11.5	29.7	0.74292	2.755254866	4.081091794
10/6/2021 15:00	1	1994713.8	48732446	1.8	12.4	1.2399	5.305938708	7.859172372
10/6/2021 16:00	1	2180473.9	53433059	1.9	13.6	1.3554	5.800060574	8.591067166
10/6/2021 17:00	1	2200677.5	53928151	2	9.1	1.36794	5.85380215	8.67066935
10/6/2021 18:00	1	2200856.1	53932529	2	9.1	1.36806	5.854277226	8.671373034
10/6/2021 19:00	1	2201860.6	53957143	2	9.1	1.36866	5.856949196	8.675330764
10/6/2021 20:00	1	2199863.9	53908216	2	9.1	1.36746	5.851637974	8.667463766
10/6/2021 21:00	1	2201771.1	53954950	2	9.1	1.3686	5.856711126	8.674978134
10/6/2021 22:00	1	2089192.3	51047158	1.9	8.7	1.29864	5.557251518	8.231417662
10/6/2021 23:00	1	2119792.7	51946051	1.9	8.8	1.31766	5.638648582	8.351983238
10/7/2021 0:00	1	2200672.5	53928029	2	13.7	1.36794	5.85378885	8.67064965
10/7/2021 1:00	1	1936034.5	46841980	1.7	8	1.20342	5.14979857	7.62789713
10/7/2021 2:00	1	2150808.1	52515493	1.9	13.4	1.33692	5.721149546	8.474183914
10/7/2021 3:00	1	2117237.6	53048615	1.9	9	1.34964	5.775492016	8.554676144
10/7/2021 4:00	1	2215067.8	54280790	2	9.2	1.37688	5.892080348	8.72767132
10/7/2021 5:00	1	2205580.3	54048296	2	13.7	1.371	5.866843598	8.68996382
10/7/2021 6:00	1	2209645.6	54147918	2	13.7	1.37352	5.877657296	8.706003664
10/7/2021 7:00	1	2210067.8	54158264	2	16	1.37376	5.878780348	8.707667132
10/7/2021 8:00	1	2041531	52751174	1.8	14.8	1.269	5.43047246	8.04363214
10/7/2021 9:00	1	1886785.9	0	28.8	11.7	1.17282	5.018850494	7.433936446
10/7/2021 10:00	1	1702900.7	0	26	10.6	1.05852	4.529715862	6.709428758
10/7/2021 11:00	1	1876956.2	0	1.7	13.6	1.1667	4.992703492	7.395207428
10/7/2021 12:00	1	1915618.2	46348492	1.7	13.9	1.19076	5.095544412	7.547535708
10/7/2021 13:00	1	1889924.9	45864018	1.7	13.7	1.1748	5.027200234	7.446304106
10/7/2021 14:00	1	1910699.8	46651446	1.7	13.9	1.1877	5.082461468	7.528157212
10/7/2021 15:00	1	2024890.5	49316459	1.8	14.7	1.25868	5.38620873	7.97806857
10/7/2021 16:00	1	2152246.9	52589537	1.9	15.6	1.33782	5.724976754	8.479852786
10/7/2021 17:00	1	2215469.6	54290636	2	16.1	1.37712	5.893149136	8.728950224
10/7/2021 18:00	1	2213127.6	54233245	2	16	1.37568	5.886919416	8.719722744
10/7/2021 19:00	1	2213422.3	54240467	2	16.1	1.37586	5.887703318	8.720883862
10/7/2021 20:00	1	2211094.7	54183428	2	16	1.37442	5.881511902	8.711713118
10/7/2021 21:00	1	2208641.3	54123307	2	16.3	1.37292	5.874985858	8.702046722
10/7/2021 22:00	1	2111023.6	51420826	1.9	15.3	1.3122	5.615322776	8.317432984
10/7/2021 23:00	1	2219640.7	54392850	2	16.1	1.3797	5.904244262	8.745384358
10/8/2021 0:00	1	2094961.6	51337559	1.9	15.2	1.30224	5.572597856	8.254148704
10/8/2021 1:00	1	2043613.8	49922365	1.8	14.8	1.27032	5.436012708	8.051838372
10/8/2021 2:00	1	1932019.7	46745327	1.7	14	1.20096	5.139172402	7.612157618
10/8/2021 3:00	1	2222959.7	54474184	2	16.1	1.3818	5.913072802	8.758461218
10/8/2021 4:00	1	2226677.6	54565291	2	16.1	1.38408	5.922962416	8.773109744
10/8/2021 5:00	1	2227921.1	54602007	2	16.2	1.38486	5.926270126	8.778009134
10/8/2021 6:00	1	2229299.4	54629539	2	16.2	1.38576	5.929936404	8.783439636
10/8/2021 7:00	1	2221734.4	54444158	2	16.1	1.38102	5.909813504	8.753633536
10/8/2021 8:00	1	1932350.4	47206221	1.7	14	1.20114	5.140052064	7.613460576
10/8/2021 9:00	1	1673388.5	41521852	1.8	12.1	1.04016	4.45121341	6.59315069
10/8/2021 10:00	1	1976009	48265326	1.8	14.3	1.22826	5.25618394	7.78547546
10/8/2021 11:00	1	1523436.3	39670987	2.3	11	0.94698	4.052340558	6.002339022
10/8/2021 12:00	1	1146531.1	32227800	1.9	8.3	1.04972	3.049772726	4.517332534
10/8/2021 13:00	1	1172936	32843282	1.4	8.5	0.72912	3.12000976	4.62136784
10/8/2021 14:00	1	1172604.5	32834451	1.4	8.5	0.72888	3.11912797	4.62006173
10/8/2021 15:00	1	1206897.7	33515851	1.5	8.8	0.75018	3.210347882</	



10/8/2021 22:00	1	2041588	49721867	1.8	14.8	1.26906	5.43062408	8.04385672
10/8/2021 23:00	1	1951453.7	47820860	1.7	14.2	1.21302	5.190866842	7.688727578
10/9/2021 0:00	1	2017323.5	49130642	1.8	14.6	1.25394	5.36680051	7.94825459
10/9/2021 1:00	1	2225262.8	54530620	2	16.1	1.38324	5.919199048	8.767535432
10/9/2021 2:00	1	2230105.9	54649303	2	16.2	1.38624	5.932081694	8.786617246
10/9/2021 3:00	1	2230268.4	54653286	2	16.2	1.38636	5.932513944	8.787257496
10/9/2021 4:00	1	2230599.9	54661409	2	16.2	1.38654	5.933395734	8.788563606
10/9/2021 5:00	1	2231008.9	54668815	2	18.5	1.38678	5.934483674	8.790175066
10/9/2021 6:00	1	1888800.4	46375475	1.7	13.7	1.17408	5.024209064	7.441873576
10/9/2021 7:00	0.37	856027.6	14450814	8.8	20.6	0.72558	2.277033416	3.372748744
10/9/2021 8:00	0	0	0	0	0	0	0	0
10/9/2021 9:00	0	0	0	0	0	0	0	0
10/9/2021 10:00	0	0	0	0	0	0	0	0
10/9/2021 11:00	0	0	0	0	0	0	0	0
10/9/2021 12:00	0	0	0	0	0	0	0	0
10/9/2021 13:00	0	0	0	0	0	0	0	0
10/9/2021 14:00	0	0	0	0	0	0	0	0
10/9/2021 15:00	0.85	940865.2	34300886	8.6	21.8	0.68802	2.502701432	3.707008888
10/9/2021 16:00	1	2092479.2	51276727	1.9	15.2	1.30068	5.565994672	8.244368048
10/9/2021 17:00	1	2215365.7	54288090	2	16.1	1.37706	5.892872762	8.728540858
10/9/2021 18:00	1	2219846.1	54397883	2	16.1	1.37988	5.904790626	8.746193634
10/9/2021 19:00	1	1828216.8	44508919	1.6	13.3	1.1364	4.863056688	7.203174192
10/9/2021 20:00	1	2207955.7	54104057	2	16	1.37238	5.872896162	8.698951458
10/9/2021 21:00	1	2018011.3	49451872	1.8	12.5	1.25442	5.367910058	7.950964522
10/9/2021 22:00	1	2041141.1	49709570	1.8	14.8	1.26876	5.429435326	8.042095934
10/9/2021 23:00	1	2209442.1	54142931	2	16	1.3734	5.877115986	8.705201874
10/10/2021 0:00	1	2205719.6	54051709	2	16	1.37106	5.867214136	8.690535224
10/10/2021 1:00	1	2208380.1	54116905	2	16	1.37274	5.874291066	8.701017594
10/10/2021 2:00	1	2212750.9	54224015	2	16	1.37544	5.885917394	8.718238546
10/10/2021 3:00	1	2214912.5	54276983	2	16.1	1.37676	5.89166725	8.72675525
10/10/2021 4:00	1	2220348.6	54410196	2	16.1	1.38018	5.906127276	8.748173484
10/10/2021 5:00	1	2183467.3	53254013	1.9	15.8	1.35726	5.808023018	8.602861162
10/10/2021 6:00	1	1725003.2	43655034	2.6	12.5	1.07226	4.588508512	6.796512608
10/10/2021 7:00	0.1	334234.4	5507404	12.1	35.5	0.51882	0.889063504	1.316883536
10/10/2021 8:00	0	0	0	0	0	0	0	0
10/10/2021 9:00	0	0	0	0	0	0	0	0
10/10/2021 10:00	0	0	0	0	0	0	0	0
10/10/2021 11:00	0	0	0	0	0	0	0	0
10/10/2021 12:00	0	0	0	0	0	0	0	0
10/10/2021 13:00	0	0	0	0	0	0	0	0
10/10/2021 14:00	0	0	0	0	0	0	0	0
10/10/2021 15:00	0.85	941868.2	34246559	8.6	21.8	0.6888	2.505369412	3.710960708
10/10/2021 16:00	1	2074657.6	50840003	1.8	15	1.28958	5.518589216	8.174150944
10/10/2021 17:00	1	2182613	53485477	1.9	15.8	1.35672	5.80575058	8.59949522
10/10/2021 18:00	1	2086398.2	50973179	1.9	15.1	1.2969	5.549819212	8.220408908
10/10/2021 19:00	1	2204404.8	54019492	2	16	1.37028	5.863716768	8.685354912
10/10/2021 20:00	1	2207515.1	54095790	2	16	1.3722	5.871990166	8.697609494
10/10/2021 21:00	1	2211662.8	54197350	2	16	1.37478	5.883023048	8.713951432
10/10/2021 22:00	1	2202853.8	53981482	2	16	1.36942	5.859591108	8.679243972
10/10/2021 23:00	1	1950552.8	47193736	1.7	14.1	1.21248	5.188470448	7.685178032
10/11/2021 0:00	1	1968167.4	47619922	1.7	14.3	1.2234	5.235325284	7.754579556
10/11/2021 1:00	1	2010902.7	48820911	1.8	14.6	1.24998	5.349001182	7.922956638
10/11/2021 2:00	1	1977765	47852136	1.7	14.3	1.2294	5.2608549	7.7923941
10/11/2021 3:00	1	2202894.6	53982482	2	16	1.36932	5.859699636	8.679404724
10/11/2021 4:00	1	2208465.4	54118997	2	16	1.3728	5.874517964	8.701353676
10/11/2021 5:00	1	2208342.8	54172915	2	18.3	1.37268	5.874191848	8.700870632
10/11/2021 6:00	1	1957998.6	48428840	1.8	14.2	1.2171	5.208276276	7.714514484
10/11/2021 7:00	0.12	423358.7	5950087	11.6	31	0.56328	1.126134142	1.668033278
10/11/2021 8:00	0	0	0	0	0	0	0	0
10/11/2021 9:00	0	0	0	0	0	0	0	0
10/11/2021 10:00	0	0	0	0	0	0	0	0
10/11/2021 11:00	0	0	0	0	0	0	0	0
10/11/2021 12:00	0	0	0	0	0	0	0	0
10/11/2021 13:00	0	0	0	0	0	0	0	0
10/11/2021 14:00	0	0	0	0	0	0	0	0
10/11/2021 15:00	0.65	971238.1	27153120	11.3	27.9	0.6966	2.583493346	3.826678114
10/11/2021 16:00	1	2095481	51350286	1.9	13	1.30254	5.57397946	8.25619514
10/11/2021 17:00	1	2191297.3	53698288	2	15.9	1.36212	5.828850818	8.633711362
10/11/2021 18:00	1	2175039.7	53299893	1.9	15.8	1.35198	5.785605602	8.569656418
10/11/2021 19:00	1	2217355.3	54336846	2	16.1	1.37832	5.898165098	8.736379882
10/11/2021 20:00	1	2223788.4	54494490	2	16.1	1.38228	5.915277144	8.761726296
10/11/2021 21:00	1	2219973.6	54401008	2	16.1	1.37994	5.905129776	8.746695984
10/11/2021 22:00	1	2140933.7	52461114	1.9	13.3	1.3308	5.694883642	8.435278778
10/11/2021 23:00	1	1960936.3	47596487	1.7	14.2	1.2189	5.216090558	7.726089022
10/12/2021 0:00	1	1902173.1	46023186	1.7	13.8	1.18236	5.059780446	7.494562014
10/12/2021 1:00	1	1954392.1	47826628	1.7	14.2	1.21482	5.198682986	7.700304874
10/12/2021 2:00	1	1740280.4	4273331	1.5	12.6	1.08174	4.629145864	6.856704776
10/12/2021 3:00	1	1962928	47645102	1.7	14.2	1.22016	5.22141508	7.73397572
10/12/2021 4:00	1	2095324.8	51346457	1.9	15.2	1.30248	5.573563968	8.255579712
10/12/2021 5:00	1	2218740.4	54362267	2	18.4	1.37916	5.901849464	8.741837176
10/12/2021 6:00	1	1892568.5	46356115	1.7	13.7	1.17642	5.03423221	7.45671989
10/12/2021 7:00	0.38	1054031.9	16316879	9.5	28.5	0.85458	2.803724854	4.152885686
10/12/2021 8:00	0	0	0	0	0	0	0	0
10/12/2021 9:00	0	0	0	0	0	0	0	0
10/12/2021 10:00	0	0	0	0	0	0	0	0
10/12/2021 11:00	0	0	0	0	0	0	0	0
10/12/2021 12:00	0	0	0	0	0	0	0	0
10/12/2021 13:00	0	0	0	0	0	0	0	0
10/12/2021 14:00	0	0	0	0	0	0	0	0
10/12/2021 15:00	0.63	956623.7	26928602	10.9	32.9	0.70416	2.544619042	3.769097378
10/12/2021 16:00	1	2086933.9	51140836	1.9	8.6	1.29726	5.551244174	8.222519566
10/12/2021 17:00	1	2205621.7	54049311	2	13.7	1.371	5.866953722	8.690149498
10/12/2021 18:00	1	2200044.7	53912645	2	16	1.36752	5.852118902	8.668176118
10/12/2021 19:00	1	2207429.1	54093603	2	16	1.37214	5.871761406	8.697270654
10/12/2021 20:00	1	2209697.7	54149194	2	16	1.37352	5.877795882	8.706208938
10/12/2021 21:00	1	2121108.2	51664709	1.9	13.2	1.3185	5.642147812	8.357166308
10/12/2021 22:00	1	2219494.2	54389260	2	16.1	1.37964	5.903854572	8.744807148
10/12/2021 23:00	1	2026211.4	49652817	1.8	14.7	1.25952	5.389722324	7.983272916
10/13/2021 0:00	1	2220096.8	54404027	2	16.1	1.38	5.905457488	8.747181392
10/13/2021 1:00	1	2212638.4	54221256	2	16	1.37538	5.885618144	8.717795296
10/13/2021 2:00	1	2213431.5	54240692	2	16.1	1.37586	5.88772779	8.72092011
10/13/2021 3:00	1	2218086.5	54531238	2	16.1	1.37874	5.90011009	8.73926081
10/13/2021 4:00	1	2218971.4	54729138	2	16.1	1.37934	5.902463924	8.742747316
10/13/2021 5:00	1	2220525.3	54452712	2	18.4	1.3803	5.906597298	8.74889682
10/13/2021 6:00	1	2213586.4	54420214	2	16.1	1.37598	5.888139824	8.721530416
10/13/2021 7:00	1	1781279.2	43930007	1.6	12.9	1.10724	4.738202672	7.018240048
10/13/2021 8:00	0.88	1276959.1	35229357	5.4	18	0.89862	3.396711206	5.031218854
10/13/2021 9:00	0	0	0	0	0	0	0	0
10/13/2021 10:00	0	0	0	0	0	0	0	0
10/13/2021 11:00	0	0	0	0	0	0	0	0
10/13/2021 12:00	0	0	0	0	0	0	0	0
10/13/2021 13:00	0	0	0	0	0	0	0	0
10/13/2021 14:00	0	0	0	0	0	0	0	0
10/13/2021 15:00	0.87	940747.7	35010223	7.8	22.5	0.67476	2.502388882	3.706545938
10/13/2021 16:00	1	1824376.7	45665266	1.7	11.3	1.13406	4.852842022	7.188044198
10/13/2021 17:00	1	2217711.4	54345573	2	16.1	1.3785	5.899112324	8.737782916



10/18/2021 14:00	0	0	0	0	0	0	0	0	0
10/18/2021 15:00	0.77	818656		8.4	25.4	0.66378	2.17762496		3.22550464
10/18/2021 16:00	1	1446400.9	38240346	1.4	10.5	0.8991	3.847426394	5.698819546	
10/18/2021 17:00	1	2070098	50728269	1.8	15.9	1.28676	5.50646068	8.15618612	
10/18/2021 18:00	1	1896298.9	45881059	1.7	13.8	1.17876	5.044155074	7.471417666	
10/18/2021 19:00	1	1942018.8	46987254	1.7	14.1	1.20714	5.165770008	7.651554072	
10/18/2021 20:00	1	2070205.2	50431066	1.8	15	1.28682	5.506745832	8.156608488	
10/18/2021 21:00	1	1660662.5	41107295	1.5	11.5	1.03224	4.41736225	6.54301025	
10/18/2021 22:00	1	1560202.2	39316842	2	12.3	0.96984	4.150137852	6.147196668	
10/18/2021 23:00	1	2205934.2	54056969	2	16	1.37118	5.867784972	8.691380748	
10/19/2021 0:00	1	2212976.7	54229548	2	16	1.37556	5.886518022	8.719128198	
10/19/2021 1:00	1	2206938.7	54081585	2	16	1.37184	5.870456942	8.695338478	
10/19/2021 2:00	1	2198459.6	53873802	2	15.9	1.36656	5.847902536	8.661930824	
10/19/2021 3:00	1	2193029.6	53740738	2	15.9	1.3632	5.833458736	8.640536624	
10/19/2021 4:00	1	2206681.7	5405287	2	16	1.37166	5.869773322	8.694325898	
10/19/2021 5:00	1	2209259.1	54138446	2	18.3	1.37328	5.876629206	8.704480854	
10/19/2021 6:00	1	2205103	54036601	2	16	1.3707	5.86557398	8.68810582	
10/19/2021 7:00	1	1786732.4	43913750	1.6	13	1.11066	4.752708184	7.039725656	
10/19/2021 8:00	0.35	738865.8	13350897	7.9	24.1	0.6561	1.965383028	2.911131252	
10/19/2021 9:00	0	0	0	0	0	0	0	0	
10/19/2021 10:00	0	0	0	0	0	0	0	0	
10/19/2021 11:00	0	0	0	0	0	0	0	0	
10/19/2021 12:00	0	0	0	0	0	0	0	0	
10/19/2021 13:00	0	0	0	0	0	0	0	0	
10/19/2021 14:00	0.6	811885.6	25390898	10.1	32.6	0.63084	2.159615696	3.198829264	
10/19/2021 15:00	1	1980181.2	48634849	1.8	14.4	1.2309	5.267281992	7.801913928	
10/19/2021 16:00	1	2223067.6	54476826	2	16.1	1.38186	5.913359816	8.75886344	
10/19/2021 17:00	1	2220079.8	54403611	2	16.1	1.3188	5.905412268	8.747114412	
10/19/2021 18:00	1	2218009.9	54352886	2	16.1	1.37874	5.899906334	8.738959006	
10/19/2021 19:00	1	2218212	54357840	2	16.1	1.37886	5.90044392	8.73975528	
10/19/2021 20:00	1	2215338.8	54287432	2	16.1	1.37706	5.892801208	8.728434872	
10/19/2021 21:00	1	1985840	48364773	1.7	14.4	1.23438	5.2823344	7.8242096	
10/19/2021 22:00	1	2212841.7	54226238	2	16	1.3755	5.886158922	8.718596298	
10/19/2021 23:00	1	2212854.2	54226546	2	16	1.3755	5.886192172	8.718645548	
10/20/2021 0:00	1	2215814.5	54299088	2	16.1	1.37736	5.89406657	8.73030913	
10/20/2021 1:00	1	2197754.3	53856519	2	15.9	1.36614	5.846026438	8.659151942	
10/20/2021 2:00	1	2204522.4	54022371	2	16	1.37034	5.864029584	8.685818256	
10/20/2021 3:00	1	2213078.8	54232048	2	16	1.37568	5.886789608	8.719530472	
10/20/2021 4:00	1	2208056.3	54108972	2	16	1.37256	5.873429758	8.699741822	
10/20/2021 5:00	1	2205744.2	54052312	2	18.3	1.37106	5.867279572	8.690632148	
10/20/2021 6:00	1	2191172.8	53695238	2	15.9	1.36206	5.828519648	8.633220832	
10/20/2021 7:00	1	2010717.6	48649426	1.8	14.6	1.24986	5.348508816	7.922227344	
10/20/2021 8:00	0.37	1039316.1	16078692	9.7	26.4	0.88098	2.764580826	4.094905434	
10/20/2021 9:00	0	0	0	0	0	0	0	0	
10/20/2021 10:00	0	0	0	0	0	0	0	0	
10/20/2021 11:00	0	0	0	0	0	0	0	0	
10/20/2021 12:00	0	0	0	0	0	0	0	0	
10/20/2021 13:00	0	0	0	0	0	0	0	0	
10/20/2021 14:00	0.6	806897.8	27177494	10.2	32.4	0.62694	2.146348148	3.179177332	
10/20/2021 15:00	1	2013888.2	49200048	1.8	14.6	1.25184	5.356942612	7.934719508	
10/20/2021 16:00	1	2225202.2	54529136	2	16.1	1.38318	5.919037852	8.767296668	
10/20/2021 17:00	1	2217814.2	54348091	2	16.1	1.37862	5.899385772	8.738187948	
10/20/2021 18:00	1	2213986.6	54254294	2	16.1	1.37622	5.889204356	8.723107204	
10/20/2021 19:00	1	2215932	54301968	2	16.1	1.37742	5.89437912	8.73077208	
10/20/2021 20:00	1	2213350.6	54238710	2	16.1	1.3758	5.887512596	8.720601364	
10/20/2021 21:00	1	2203327.9	53993101	2	16	1.36956	5.860852214	8.681111926	
10/20/2021 22:00	1	2048482.8	49887074	1.8	14.9	1.27332	5.448964248	8.071022232	
10/20/2021 23:00	1	2210018.7	54157060	2	16	1.37376	5.878649742	8.707473678	
10/21/2021 0:00	1	2214720.2	54272272	2	16.1	1.37664	5.891155732	8.725997588	
10/21/2021 1:00	1	2217020.2	54328635	2	16.1	1.37808	5.897273732	8.735059588	
10/21/2021 2:00	1	2217255.3	54334396	2	16.1	1.37826	5.897899098	8.735985882	
10/21/2021 3:00	1	2218552.5	54366114	2	16.1	1.37904	5.90134965	8.74109685	
10/21/2021 4:00	1	2216065.8	54305247	2	16.1	1.37748	5.894735028	8.731299252	
10/21/2021 5:00	1	2210642.3	54130487	33.8	16	1.37412	5.880308518	8.709930662	
10/21/2021 6:00	1	2038290.8	49316562	31.1	14.8	1.26702	5.421853528	8.030865752	
10/21/2021 7:00	1	1845707.7	45314979	2	13.4	1.14732	4.909582482	7.272088338	
10/21/2021 8:00	0.87	1392674.8	38109214	6.6	20	0.99888	3.704514968	5.487138712	
10/21/2021 9:00	0	0	0	0	0	0	0	0	
10/21/2021 10:00	0	0	0	0	0	0	0	0	
10/21/2021 11:00	0	0	0	0	0	0	0	0	
10/21/2021 12:00	0	0	0	0	0	0	0	0	
10/21/2021 13:00	0	0	0	0	0	0	0	0	
10/21/2021 14:00	0.6	835794.2	25616197	10.4	31.4	0.64944	2.223212572	3.293029148	
10/21/2021 15:00	1	2023863.6	49493916	1.8	14.7	1.25802	5.383477176	7.974022584	
10/21/2021 16:00	1	2219445.6	54388070	2	16.1	1.37964	5.903725296	8.746156564	
10/21/2021 17:00	1	2211061.7	54182621	2	16	1.37442	5.881424122	8.711583098	
10/21/2021 18:00	1	2207219.4	54088464	2	16	1.37202	5.871203604	8.696444436	
10/21/2021 19:00	1	1931631	46735922	1.7	14	1.20072	5.13813846	7.61062614	
10/21/2021 20:00	1	2199598.3	53901707	2	16	1.36728	5.850931478	8.666417302	
10/21/2021 21:00	1	2212133.6	54208886	2	16	1.37508	5.884275376	8.71506384	
10/21/2021 22:00	1	1950320.6	47351174	1.7	14.1	1.2123	5.187852796	7.684263164	
10/21/2021 23:00	1	2216482.5	54315458	2	16.1	1.37778	5.895843445	8.73294105	
10/22/2021 0:00	1	2218857.2	54373651	2	16.1	1.37922	5.902160152	8.742297368	
10/22/2021 1:00	1	2221407.3	54436140	2	16.1	1.38084	5.908943418	8.752344762	
10/22/2021 2:00	1	2219968.5	54400884	2	16.1	1.37994	5.90511621	8.74667589	
10/22/2021 3:00	1	2220121.5	54404631	2	16.1	1.38	5.90552319	8.74727871	
10/22/2021 4:00	1	2224632.2	54515168	2	16.1	1.38282	5.917521652	8.765050868	
10/22/2021 5:00	1	2223599.1	54489851	2	16.1	1.38216	5.914773606	8.760980454	
10/22/2021 6:00	1	1996139.2	48459390	1.8	14.5	1.2408	5.309730272	7.864788448	
10/22/2021 7:00	1	1838637.1	45117066	2	13.3	1.14288	4.890774686	7.244230174	
10/22/2021 8:00	0.63	1384701.7	28402674	7.8	20.4	1.01928	3.683306522	5.455724698	
10/22/2021 9:00	0	0	0	0	0	0	0	0	
10/22/2021 10:00	0	0	0	0	0	0	0	0	
10/22/2021 11:00	0	0	0	0	0	0	0	0	
10/22/2021 12:00	0	0	0	0	0	0	0	0	
10/22/2021 13:00	0	0	0	0	0	0	0	0	
10/22/2021 14:00	0	0	0	0	0	0	0	0	
10/22/2021 15:00	0.63	889520.7	26658140	11	31.6	0.65478	2.366125062	3.504711558	
10/22/2021 16:00	1	1935768.8	47297601	1.7	14	1.2033	5.149145008	7.626929072	
10/22/2021 17:00	1	2208831.3	54127963	2	16	1.37298	5.875491258	8.702795322	
10/22/2021 18:00	1	2087158.9	50990054	1.9	15.1	1.29738	5.551842674	8.223406066	
10/22/2021 19:00	1	1968673.7	47795708	1.7	14.3	1.2237	5.236672042	7.756574378	
10/22/2021 20:00	1	2195680.1	53805689	2	15.9	1.36482	5.840509066	8.650979594	
10/22/2021 21:00	1	2208762.2	54126271	2	16	1.37298	5.875307452	8.702523068	
10/22/2021 22:00	1	2206578.4	54072754	2	16	1.3716	5.869498544	8.693918896	
10/22/2021 23:00	1	2204521	54022338	2	16	1.37034	5.86402586	8.68581274	
10/23/2021 0:00	1	2205961.9	54057647	2	16	1.37124	5.867858654	8.691489886	
10/23/2021 1:00	1	2205386.7	54043552	2	16	1.37088	5.866328622	8.689223598	
10/23/2021 2:00	1	2141964.7	52336605	1.9	15.5	1.33146	5.697626102	8.439340918	
10/23/2021 3:00	1	2204554.1	54023150	2	16	1.37034	5.864113906	8.685	

10/23/2021 10:00	0	0	0	0	0	0	0	0	0
10/23/2021 11:00	0	0	0	0	0	0	0	0	0
10/23/2021 12:00	0	0	0	0	0	0	0	0	0
10/23/2021 13:00	0	0	0	0	0	0	0	0	0
10/23/2021 14:00	0	0	0	0	0	0	0	0	0
10/23/2021 15:00	0.63	924506.5	26995274	11	30.6	0.68052	2.45918729		3.64255561
10/23/2021 16:00	1	1949594.2	47170543	1.7	14.1	1.21188	5.185920572		7.681401148
10/23/2021 17:00	1	2194676.4	53781093	2	15.9	1.36422	5.837839224		8.647025016
10/23/2021 18:00	1	2071906.2	50612437	1.8	15	1.2879	5.511270492		8.163310428
10/23/2021 19:00	1	2198295.8	53869788	2	15.9	1.36644	5.847466828		8.661285452
10/23/2021 20:00	1	2199217.6	53892378	2	15.9	1.36704	5.849918816		8.664917344
10/23/2021 21:00	1	2200469.1	53923046	2	16	1.36782	5.853247806		8.669848254
10/23/2021 22:00	1	2203506	53997465	2	16	1.36968	5.86132596		8.68181364
10/23/2021 23:00	1	2204515.4	54022201	2	16	1.37034	5.864010964		8.685790676
10/24/2021 0:00	1	2203702.5	54002282	2	16	1.3698	5.86184865		8.68258785
10/24/2021 1:00	1	2207302.5	54095000	2	16	1.37208	5.87142465		8.69677185
10/24/2021 2:00	1	2211494.4	54193222	2	16	1.37466	5.882575104		8.713287936
10/24/2021 3:00	1	2213170.3	54234291	2	16	1.37568	5.887032998		8.719890982
10/24/2021 4:00	1	2211765.5	54199866	2	16	1.37484	5.88329623		8.71435607
10/24/2021 5:00	1	1983113.2	48142159	1.7	14.4	1.2327	5.275081112		7.813466008
10/24/2021 6:00	1	2086618.4	51133104	1.9	15.1	1.29702	5.550404944		8.221276496
10/24/2021 7:00	1	1944284.6	47612760	1.7	14.1	1.20858	5.171979036		7.660481324
10/24/2021 8:00	0.88	1536574.1	41075689	6.7	19.8	1.08126	4.087287106		6.054101954
10/24/2021 9:00	0	0	0	0	0	0	0		0
10/24/2021 10:00	0	0	0	0	0	0	0		0
10/24/2021 11:00	0	0	0	0	0	0	0		0
10/24/2021 12:00	0	0	0	0	0	0	0		0
10/24/2021 13:00	0	0	0	0	0	0	0		0
10/24/2021 14:00	0.65	908308.2	26236728	10.4	29.3	0.65148	2.416099812		3.578734308
10/24/2021 15:00	1	2064471.6	50590391	1.8	15	1.28328	5.491494456		8.134018104
10/24/2021 16:00	1	1952748.1	47403656	1.7	14.2	1.2138	5.194309946		7.693827514
10/24/2021 17:00	1	2196652.8	53829526	2	15.9	1.36542	5.843096448		8.654812032
10/24/2021 18:00	1	2075526	50704582	1.8	15.1	1.29012	5.52089916		8.17757244
10/24/2021 19:00	1	2066540.9	50484647	1.8	15	1.28454	5.496998794		8.142171146
10/24/2021 20:00	1	2103998.1	51559000	1.9	15.3	1.30782	5.596634946		8.289752514
10/24/2021 21:00	1	2206652.1	54074561	2	16	1.37166	5.869694586		8.694209274
10/24/2021 22:00	1	2020948.3	49219228	1.8	14.7	1.25622	5.375722478		7.962536302
10/24/2021 23:00	1	1942330	46994786	1.7	14.1	1.20738	5.1665978		7.6527802
10/25/2021 0:00	1	1889629.9	45719704	1.7	13.7	1.17462	5.026415534		7.445141806
10/25/2021 1:00	1	1834128.3	44513994	1.6	13.3	1.14012	4.878781278		7.226465502
10/25/2021 2:00	1	1932435.5	46755388	1.7	12	1.2012	5.14027843		7.61379587
10/25/2021 3:00	1	1879499.9	45474607	1.7	11.7	1.16832	4.999469734		7.405229606
10/25/2021 4:00	1	2184960.8	53543011	1.9	15.8	1.35816	5.811995728		8.608745552
10/25/2021 5:00	1	2210025	54157215	2	16	1.37376	5.8786665		8.7074985
10/25/2021 6:00	1	2078748.9	50786346	1.9	15.1	1.29216	5.529472074		8.190270666
10/25/2021 7:00	1	1720128.4	43536577	2.5	12.5	1.06926	4.575541544		6.777305896
10/25/2021 8:00	1	2041841.8	49723804	1.8	14.8	1.26918	5.431299188		8.044856692
10/25/2021 9:00	0.38	942877.5	15249183	9.1	24.2	0.76446	2.50805415		3.71493735
10/25/2021 10:00	0	0	0	0	0	0	0		0
10/25/2021 11:00	0	0	0	0	0	0	0		0
10/25/2021 12:00	0	0	0	0	0	0	0		0
10/25/2021 13:00	0	0	0	0	0	0	0		0
10/25/2021 14:00	0.63	855749.2	26673193	10.6	29.4	0.62994	2.276292872		3.371651848
10/25/2021 15:00	1	1990502	48465873	1.8	14.4	1.23732	5.29473532		7.84257788
10/25/2021 16:00	1	2053662.8	49852520	1.8	14.9	1.27656	5.462743048		8.091431432
10/25/2021 17:00	1	2067269	50359489	1.8	12.9	1.28502	5.49893554		8.14503986
10/25/2021 18:00	1	2053299.1	51062910	1.8	8.5	1.27632	5.461775606		8.08998454
10/25/2021 19:00	1	2140621.2	52300178	1.9	8.9	1.33062	5.694052392		8.434047528
10/25/2021 20:00	1	2075352.9	50556192	1.8	8.6	1.29006	5.520438714		8.176890426
10/25/2021 21:00	1	1808432.1	44005473	1.6	7.5	1.1241	4.810429386		7.125222474
10/25/2021 22:00	1	1920726	46472075	1.7	11.9	1.19394	5.10913116		7.56766044
10/25/2021 23:00	1	1941932.4	46985165	1.7	14.1	1.20708	5.165540184		7.651213656
10/26/2021 0:00	1	1872867.7	45593161	1.6	13.6	1.16418	4.981828082		7.379098738
10/26/2021 1:00	1	1849190.9	44872855	1.6	13.4	1.14948	4.918847794		7.285812146
10/26/2021 2:00	1	1725063	42131022	1.5	12.5	1.07232	4.58866758		6.79674822
10/26/2021 3:00	1	1989175.3	48589859	1.8	14.4	1.23648	5.291206298		7.837350682
10/26/2021 4:00	1	2198592.8	53877066	2	15.9	1.36662	5.848256848		8.662455632
10/26/2021 5:00	1	2191571.1	53532937	2	15.9	1.3623	5.829579126		8.634790134
10/26/2021 6:00	1	2166836.5	52940925	1.9	15.7	1.34688	5.76378509		8.53733581
10/26/2021 7:00	1	1886339.5	45912055	1.7	13.7	1.17252	5.01766307		7.43217763
10/26/2021 8:00	0.35	810203.1	13911069	9.6	19.2	0.71922	2.155140246		3.192200214
10/26/2021 9:00	0	0	0	0	0	0	0		0
10/26/2021 10:00	0	0	0	0	0	0	0		0
10/26/2021 11:00	0	0	0	0	0	0	0		0
10/26/2021 12:00	0	0	0	0	0	0	0		0
10/26/2021 13:00	0	0	0	0	0	0	0		0
10/26/2021 14:00	0.63	839442.9	25807061	10.1	28.8	0.61794	2.232918114		3.307405026
10/26/2021 15:00	1	1913337.2	47099322	2.1	13.9	1.18932	5.089476952		7.538548568
10/26/2021 16:00	1	1945417.7	47222032	1.7	14.1	1.2093	5.174811082		7.664945738
10/26/2021 17:00	1	2140934.3	52464131	1.9	15.5	1.3308	5.694885238		8.435281142
10/26/2021 18:00	1	2173977.8	53273869	1.9	15.8	1.35132	5.782780948		8.565472532
10/26/2021 19:00	1	2210582.3	54170873	2	16	1.37412	5.880148918		8.709694262
10/26/2021 20:00	1	2116914	51732012	1.9	15.4	1.31586	5.63099124		8.34064116
10/26/2021 21:00	1	2006033.5	48839311	1.8	14.5	1.24692	5.33604911		7.90377199
10/26/2021 22:00	1	2072441.2	50483387	1.8	15	1.2882	5.512693592		8.165418328
10/26/2021 23:00	1	2222638.3	54466306	2	16.1	1.38162	5.912217878		8.757194902
10/27/2021 0:00	1	2220492.9	54413734	2	16.1	1.38024	5.906511114		8.748742026
10/27/2021 1:00	1	2217490.5	54340160	2	16.1	1.37838	5.89852473		8.73691257
10/27/2021 2:00	1	2206106	54061179	2	16	1.3713	5.86824196		8.69205764
10/27/2021 3:00	1	2223110.5	54477878	2	16.1	1.38186	5.91347393		8.75905537
10/27/2021 4:00	1	2223484.3	54487039	2	16.1	1.3821	5.914468238		8.760528142
10/27/2021 5:00	1	2224117.7	54443861	2	18.4	1.38252	5.916153082		8.763023738
10/27/2021 6:00	1	2139364.1	52274842	1.9	15.5	1.32984	5.690708506		8.429094554
10/27/2021 7:00	1	1769752.6	43368229	1.6	12.8	1.1001	4.707541916		6.972825244
10/27/2021 8:00	0.37	939334.3	15002034	9.1	21.2	0.7959	2.498629238		3.700977142
10/27/2021 9:00	0	0	0	0	0	0	0		0
10/27/2021 10:00	0	0	0	0	0	0	0		0
10/27/2021 11:00	0	0	0	0	0	0	0		0
10/27/2021 12:00	0	0	0	0	0	0	0		0
10/27/2021 13:00	0	0	0	0	0	0	0		0
10/27/2021 14:00	0.63	876280.3	25563509	10.1	29	0.64506	2.330905598		3.452544382
10/27/2021 15:00	1	2044637.2	50249734	1.8	14.8	1.27092	5.438734952		8.055870568
10/27/2021 16:00	1	2206810	54078430	2	16	1.37178	5.87011146		8.6948314
10/27/2021 17:00	1	2203039.3	53986028	2	16	1.36938	5.860084538		8.679974842
10/27/2021 18:00	1	2205480.4	54045849	2	16	1.37094	5.866577864		8.689592776
10/27/2021 19:00	1	2201978.2	53960025	2	16	1.36878	5.857262012		8.675794108
10/27/2021 20:00	1	2204459	54020818	2	16	1.37028	5.86386094		8.68556846
10/27/2021 21:00	1	2203717.3	54002643	2	16	1.36986	5.861888018		8.682646162
10/27/2021 22:00	1	2209371.9	54141210	2	16	1.37334	5.876929254		8.704925286
10/27/2021 23:00	1	2211063.8	54182671	2	16	1.37442	5.881429708		8.711591372
10/28/2021 0:00	1								

10/28/2021 6:00	1	2189718.7	53659604	1.9	15.9	1.3611	5.824651742	8.627491678
10/28/2021 7:00	1	1795789.3	44436866	2.3	13	1.11624	4.776799538	7.075409842
10/28/2021 8:00	0.12	345628.1	5505307	11.1	43.7	0.46038	0.919370746	1.361747414
10/28/2021 9:00	0	0	0	0	0	0	0	0
10/28/2021 10:00	0	0	0	0	0	0	0	0
10/28/2021 11:00	0	0	0	0	0	0	0	0
10/28/2021 12:00	0	0	0	0	0	0	0	0
10/28/2021 13:00	0.63	818286.6	25104631	10	28.1	0.60234	2.176642356	3.224049204
10/28/2021 14:00	1	1589342.9	41138324	11.5	11.5	0.98796	4.227652114	6.262011026
10/28/2021 15:00	1	2107271.5	51639219	1.9	15.3	1.30986	5.60534219	8.30264971
10/28/2021 16:00	1	2195446.5	53799965	2	15.9	1.3647	5.83988769	8.65005921
10/28/2021 17:00	1	2194566	53778388	2	15.9	1.36416	5.83754556	8.64659004
10/28/2021 18:00	1	2193201.3	53744945	2	15.9	1.36332	5.833915458	8.641213122
10/28/2021 19:00	1	2188623.4	53632763	1.9	15.9	1.36044	5.821738244	8.623176196
10/28/2021 20:00	1	2191895.1	53712938	2	15.9	1.36248	5.830440966	8.636066694
10/28/2021 21:00	1	2190726.7	53684306	2	15.9	1.36176	5.827333022	8.631463198
10/28/2021 22:00	1	2012137.8	48853318	1.8	14.6	1.25076	5.352286548	7.927822932
10/28/2021 23:00	1	1967577	47767918	1.7	14.3	1.22304	5.23375482	7.75225338
10/29/2021 0:00	1	1919496.9	46442338	1.7	13.9	1.19316	5.105861754	7.562817786
10/29/2021 1:00	1	1929087.5	46674381	1.7	14	1.1991	5.13137275	7.60060475
10/29/2021 2:00	1	1936371.4	46850615	1.7	14	1.20366	5.150747924	7.629303316
10/29/2021 3:00	1	1938326.6	46897923	1.7	14.1	1.20486	5.155948756	7.637006804
10/29/2021 4:00	1	2038576	49495244	1.8	14.8	1.2672	5.42261216	8.03198944
10/29/2021 5:00	1	2216742.9	54281458	2	18.4	1.3779	5.896536114	8.733967026
10/29/2021 6:00	1	2171991.5	53067911	1.9	15.8	1.35012	5.77749739	8.557646651
10/29/2021 7:00	1	1785155.1	44187791	1.9	12.9	1.10964	4.748512566	7.03511094
10/29/2021 8:00	0.1	323237.5	5326200	11.4	40.2	0.50232	0.85981175	1.27355575
10/29/2021 9:00	0	0	0	0	0	0	0	0
10/29/2021 10:00	0	0	0	0	0	0	0	0
10/29/2021 11:00	0	0	0	0	0	0	0	0
10/29/2021 12:00	0	0	0	0	0	0	0	0
10/29/2021 13:00	0	0	0	0	0	0	0	0
10/29/2021 14:00	0.62	853834.7	26439328	10.4	29	0.64548	2.271200302	3.364108718
10/29/2021 15:00	1	2026949.2	49819404	1.8	14.7	1.25994	5.391684872	7.986179848
10/29/2021 16:00	1	2189504.7	53654360	1.9	15.9	1.36098	5.824082502	8.626648518
10/29/2021 17:00	1	2194339.4	53772835	2	15.9	1.36398	5.836942804	8.645697236
10/29/2021 18:00	1	2197786.7	53857313	2	15.9	1.36614	5.846112622	8.659279598
10/29/2021 19:00	1	2198271.6	53869194	2	15.9	1.36644	5.847402456	8.661190104
10/29/2021 20:00	1	2194321.1	53772387	2	15.9	1.36398	5.836894126	8.645625134
10/29/2021 21:00	1	2194659	53780667	2	15.9	1.36422	5.83779294	8.64695646
10/29/2021 22:00	1	2195684.4	53805796	2	15.9	1.36482	5.840520504	8.650996536
10/29/2021 23:00	1	2094625.2	51329314	1.9	15.2	1.302	5.571703032	8.252823288
10/30/2021 0:00	1	2173612.9	53264928	1.9	15.8	1.35114	5.781810314	8.564034826
10/30/2021 1:00	1	2206514.4	54071186	2	16	1.37154	5.869328304	8.693666736
10/30/2021 2:00	1	2209200.8	54137017	2	16	1.37322	5.876474128	8.704251152
10/30/2021 3:00	1	2204305	54017046	2	16	1.37022	5.8634513	8.6849617
10/30/2021 4:00	1	2087125.1	50989397	1.9	15.1	1.29738	5.551752766	8.223272894
10/30/2021 5:00	1	2145357.3	53832982	1.9	17.8	1.33356	5.706650418	8.452707762
10/30/2021 6:00	1	2089194.2	51041553	1.9	15.2	1.29864	5.557256572	8.231425148
10/30/2021 7:00	1	1836613.5	45142366	1.6	13.3	1.14162	4.88539191	7.23625719
10/30/2021 8:00	0.38	942096.3	15232730	7.9	22.9	0.76386	2.505976158	3.711859422
10/30/2021 9:00	0	0	0	0	0	0	0	0
10/30/2021 10:00	0	0	0	0	0	0	0	0
10/30/2021 11:00	0	0	0	0	0	0	0	0
10/30/2021 12:00	0	0	0	0	0	0	0	0
10/30/2021 13:00	0.65	869898.9	25562298	10	28.1	0.62394	2.313931074	3.427401666
10/30/2021 14:00	1	1781307.2	44427692	2	12.9	1.10724	4.738277152	7.01830368
10/30/2021 15:00	1	1808449.8	45503354	2.3	13.1	1.12416	4.810476468	7.125292212
10/30/2021 16:00	1	2154253.6	52634167	1.9	15.6	1.33908	5.730314576	8.487759184
10/30/2021 17:00	1	2197769.1	53856881	2	15.9	1.36614	5.846065806	8.659210254
10/30/2021 18:00	1	2103506.2	51393864	1.9	15.3	1.30752	5.595326492	8.287814428
10/30/2021 19:00	1	2082493.3	50883637	1.9	15.1	1.2945	5.539432178	8.205023602
10/30/2021 20:00	1	2209344.3	54140535	2	16	1.37334	5.876855838	8.704816544
10/30/2021 21:00	1	2108273	51514773	1.9	15.3	1.31052	5.60800618	8.30659562
10/30/2021 22:00	1	1974716	47938821	1.7	14.3	1.22748	5.25274456	7.78038104
10/30/2021 23:00	1	2208360.5	54116426	2	16	1.37274	5.87423893	8.70094037
10/31/2021 0:00	1	2211398.8	54190881	2	16	1.3746	5.882320808	8.712911272
10/31/2021 1:00	1	2216097.4	54306020	2	16.1	1.37754	5.894819084	8.731423756
10/31/2021 2:00	1	2215211.6	54284314	2	16.1	1.377	5.892462856	8.727933704
10/31/2021 3:00	1	2214568.2	54268547	2	16.1	1.37658	5.890751412	8.725398708
10/31/2021 4:00	1	2212090.7	54207835	2	16	1.37502	5.884161262	8.715637358
10/31/2021 5:00	1	2104395.7	51514914	1.9	15.3	1.30812	5.597692562	8.291319058
10/31/2021 6:00	1	2104050.2	51560275	1.9	15.3	1.30788	5.596773532	8.289577788
10/31/2021 7:00	1	1976836.6	48286454	1.8	14.3	1.2288	5.258385356	7.788736204
10/31/2021 8:00	0.37	999884.9	15473153	9.9	24	0.84756	2.659693834	3.939546506
10/31/2021 9:00	0	0	0	0	0	0	0	0
10/31/2021 10:00	0	0	0	0	0	0	0	0
10/31/2021 11:00	0	0	0	0	0	0	0	0
10/31/2021 12:00	0	0	0	0	0	0	0	0
10/31/2021 13:00	0	0	0	0	0	0	0	0
10/31/2021 14:00	0.63	879446.8	25929034	10.3	29.1	0.64734	2.339328488	3.465020392
10/31/2021 15:00	1	1974335.2	48082120	1.8	14.3	1.22724	5.251731632	7.77880688
10/31/2021 16:00	1	1955423.4	4749188	1.7	14.2	1.21548	5.201426244	7.704368196
10/31/2021 17:00	1	2009509.6	48790158	1.8	14.6	1.24914	5.345295356	7.917467824
10/31/2021 18:00	1	2069564.8	50236418	1.8	15	1.28646	5.505042368	8.154085312
10/31/2021 19:00	1	2023599	49122498	1.8	14.7	1.25784	5.38277334	7.97298006
10/31/2021 20:00	1	2065036.1	50303965	1.8	15	1.28364	5.492996026	8.136242234
10/31/2021 21:00	1	1916971.7	46516962	1.7	13.9	1.1916	5.099144722	7.552868498
10/31/2021 22:00	1	1929831.3	46692379	1.7	14	1.19958	5.133351258	7.603535322
10/31/2021 23:00	1	1935919.5	46839681	1.7	14.1	1.20336	5.14954587	7.62752283
11/1/2021 0:00	1	1938746.1	46908073	1.7	14.1	1.2051	5.157064626	7.638659634
11/1/2021 1:00	1	1937005.6	46865960	1.7	14	1.20402	5.152434896	7.631802064
11/1/2021 2:00	1	1935276.9	46824136	1.7	14	1.203	5.147836554	7.624990986
11/1/2021 3:00	1	1939901.8	46936034	1.7	14.1	1.20582	5.160138788	7.643213092
11/1/2021 4:00	1	2135735.9	52020239	1.9	15.5	1.32756	5.681057494	8.414799446
11/1/2021 5:00	1	2223002.8	54465018	2	18.4	1.3818	5.913187448	8.758631032
11/1/2021 6:00	1	2208878.4	54129116	2	16	1.37304	5.875616544	8.702980896
11/1/2021 7:00	1	2088783.3	50881062	1.9	15.1	1.2984	5.556163578	8.229806202
11/1/2021 8:00	1	1940134.7	46941670	1.7	14.1	1.206	5.160758302	7.644130718
11/1/2021 9:00	1	2111850.7	51599983	1.9	15.3	1.31274	5.617522862	8.320691758
11/1/2021 10:00	1	1941212.9	47275938	1.7	14.1	1.20666	5.163626314	7.648378826
11/1/2021 11:00	1	1831778.8	44319992	1.6	11.4	1.13862	4.872531608	7.217208472
11/1/2021 12:00	1	1957452.4	47360673	1.7	14.2	1.21674	5.206823384	7.712362456
11/1/2021 13:00	1	2054793.5	50058823	1.8	14.9	1.27728	5.46575071	8.09588639
11/1/2021 14:00	1	2156743	52696500	1.9	15.6	1.34064	5.73693638	8.49756742
11/1/2021 15:00	1	2196785.2	53832770	2	15.9	1.36554	5.843448632	8.655333688
11/1/2021 16:00	1	2146549.4	52445691	1.9	15.6	1.33428	5.709821404	8.457404636
11/1/2021 17:00	1	2210983	54180691	2	16	1.37436	5.88121478	8.71127302
11/1/2021 18:00	1	2216810.5	54323495	2	16.1	1.37796	5.89671593	8.73423337
11/1/2021 19:00	1	2212906.3	54227822	2	16	1.37556	5.886330758	8.718850822
11/1/2021 20:00	1	2203335	53993276	2	16	1.36962	5.8608711	8.6811399
11/1/2021 21:00	1	2200978.7	53935534	2	16	1.36812	5.854603342	

11/2/2021 2:00	1	2229202.9	54627175	2	16.2	1.3857	5.929679714	8.783059426
11/2/2021 3:00	1	2232677	54712308	2	16.2	1.38786	5.93892082	8.79674738
11/2/2021 4:00	1	2227345.3	54581654	2	16.2	1.3845	5.924738498	8.775740482
11/2/2021 5:00	1	2231804.3	54660972	2	18.5	1.38726	5.936599438	8.793308942
11/2/2021 6:00	1	2205265.7	54040587	2	16	1.37082	5.866006762	8.688746858
11/2/2021 7:00	1	1927327.8	47084695	1.7	14	1.19802	5.126691948	7.593671532
11/2/2021 8:00	1	1893311.1	45945217	1.7	13.7	1.1769	5.036207526	7.459645734
11/2/2021 9:00	1	1789205	43700123	1.6	13	1.11216	4.7592853	7.0494677
11/2/2021 10:00	1	1913219.6	46430992	1.7	13.9	1.18926	5.089164136	7.538085224
11/2/2021 11:00	1	1806302.5	43973485	1.6	13.1	1.12278	4.80476465	7.11683185
11/2/2021 12:00	1	1955265.6	47307762	1.7	14.2	1.21542	5.201006496	7.703746464
11/2/2021 13:00	1	1785596.6	43468379	1.6	12.9	1.10994	4.749686956	7.035250604
11/2/2021 14:00	1	1843202	44736893	1.6	13.4	1.14576	4.90291732	7.26221588
11/2/2021 15:00	1	2095318.3	51346300	1.9	15.2	1.30248	5.573546678	8.255554102
11/2/2021 16:00	1	2228245.7	54603719	2	16.2	1.3851	5.927133562	8.779288058
11/2/2021 17:00	1	2224804.6	54519393	2	16.1	1.38294	5.917980236	8.765730124
11/2/2021 18:00	1	2222857.2	54471672	2	16.1	1.38174	5.912800152	8.758057368
11/2/2021 19:00	1	2214807.4	54274410	2	16.1	1.3767	5.891387684	8.726341156
11/2/2021 20:00	1	2212608	54220512	2	16	1.37538	5.88553728	8.71767552
11/2/2021 21:00	1	2025621.8	49488034	1.8	14.7	1.2591	5.388153988	7.980949892
11/2/2021 22:00	1	2071834.4	50450854	1.8	15	1.28784	5.511079504	8.163027536
11/2/2021 23:00	1	2211433.3	54191727	2	16	1.3746	5.882412578	8.713047202
11/3/2021 0:00	1	2212917.6	54228098	2	16	1.37556	5.886360816	8.718953344
11/3/2021 1:00	1	2222469.4	54462168	2	16.1	1.3815	5.911768604	8.756529436
11/3/2021 2:00	1	2226096.8	54551058	2	16.1	1.38372	5.921417488	8.770821392
11/3/2021 3:00	1	2225572.5	54538211	2	16.1	1.38342	5.92002285	8.76875565
11/3/2021 4:00	1	2228883.3	54619342	2	16.2	1.38546	5.928829578	8.781800202
11/3/2021 5:00	1	2224700.5	54516843	2	18.4	1.38288	5.91770333	8.76531997
11/3/2021 6:00	1	2200850.5	53932391	2	16	1.36806	5.85426233	8.67135097
11/3/2021 7:00	1	2013293	48872641	1.8	14.6	1.25148	5.35535938	7.93237442
11/3/2021 8:00	1	2163900.9	52871087	1.9	15.7	1.34508	5.755976394	8.525769546
11/3/2021 9:00	1	1934060	46794693	1.7	14	1.20222	5.1445996	7.6201964
11/3/2021 10:00	1	1979052.3	47883283	1.7	14.4	1.23018	5.264279118	7.797466062
11/3/2021 11:00	1	1995924.5	48291506	1.8	14.8	1.24068	5.30915917	7.86394253
11/3/2021 12:00	1	1957980.3	47373444	1.7	14.2	1.2171	5.208227598	7.714442382
11/3/2021 13:00	1	1907658.7	46155910	1.7	13.8	1.18578	5.074372142	7.516175278
11/3/2021 14:00	1	2018095.7	49150828	1.8	14.6	1.25448	5.368134562	7.951297058
11/3/2021 15:00	1	2019022.1	49476641	1.8	14.6	1.25502	5.370598786	7.954947074
11/3/2021 16:00	1	2200740.8	53929702	2	16	1.368	5.853970528	8.670918752
11/3/2021 17:00	1	2217447.7	54339109	2	16.1	1.37838	5.898410882	8.736743938
11/3/2021 18:00	1	2209247.1	54138153	2	16	1.37328	5.876597286	8.704433574
11/3/2021 19:00	1	2219117.1	54380019	2	16.1	1.3794	5.902851486	8.743321374
11/3/2021 20:00	1	2212832.6	54226015	2	16	1.3755	5.886134716	8.718560444
11/3/2021 21:00	1	2211280.7	54187985	2	16	1.37454	5.882006662	8.712445958
11/3/2021 22:00	1	1992924.1	48218912	1.8	14.5	1.23882	5.301178106	7.852120954
11/3/2021 23:00	1	2219480.2	54388918	2	16	1.37964	5.903817332	8.744751988
11/4/2021 0:00	1	2225673.9	54540694	2	16.1	1.38348	5.920292574	8.769155166
11/4/2021 1:00	1	2216199	54308510	2	16.1	1.3776	5.89508934	8.73182406
11/4/2021 2:00	1	2071655.8	50611024	1.8	15	1.28772	5.510604428	8.162323852
11/4/2021 3:00	1	2228341.3	54606060	2	16.2	1.38516	5.927387858	8.779664722
11/4/2021 4:00	1	2229733.5	54640178	2	16.2	1.386	5.93109111	8.78514999
11/4/2021 5:00	1	2228322.3	54605595	2	18.5	1.3851	5.927337318	8.779589862
11/4/2021 6:00	1	2225405.8	54534125	2	16.1	1.3833	5.919579428	8.768098852
11/4/2021 7:00	1	1971714.8	47867595	1.7	14.3	1.22562	5.244761368	7.768556312
11/4/2021 8:00	0.53	978362.5	20541558	6.8	20	0.85518	2.60244425	3.85474825
11/4/2021 9:00	0	0	0	0	0	0	0	0
11/4/2021 10:00	0	0	0	0	0	0	0	0
11/4/2021 11:00	0	0	0	0	0	0	0	0
11/4/2021 12:00	0	0	0	0	0	0	0	0
11/4/2021 13:00	0	0	0	0	0	0	0	0
11/4/2021 14:00	0.63	909186.8	25906485	10.8	29	0.66924	2.418436888	3.582195992
11/4/2021 15:00	1	1932528.5	46901274	1.7	14	1.20126	5.14052581	7.614162229
11/4/2021 16:00	1	2211428.4	54191606	2	16	1.3746	5.882399544	8.713027896
11/4/2021 17:00	1	2209092.3	54134359	2	16	1.37316	5.876185518	8.703823662
11/4/2021 18:00	1	1972623.4	47888671	1.7	14.3	1.22616	5.247178244	7.772136196
11/4/2021 19:00	1	2211893.5	54203004	2	16	1.3749	5.88363671	8.71486039
11/4/2021 20:00	1	2167401.2	52957310	1.9	15.7	1.34724	5.765287192	8.539560728
11/4/2021 21:00	1	1927897.4	46645888	1.7	14	1.19838	5.128207084	7.595915756
11/4/2021 22:00	1	1903916.3	46065363	1.7	13.8	1.1835	5.064417358	7.501430222
11/4/2021 23:00	1	1940963	46961711	1.7	14.1	1.20648	5.16296158	7.64739422
11/5/2021 0:00	1	1909547.7	46201616	1.7	13.8	1.18698	5.079396882	7.523617938
11/5/2021 1:00	1	1857287.8	44937183	1.6	13.5	1.15452	4.940385548	7.317713932
11/5/2021 2:00	1	1825208.7	44161028	1.6	13.2	1.13454	4.855055342	7.191322278
11/5/2021 3:00	1	1975766.7	47803788	1.7	14.3	1.22814	5.255330422	7.784520798
11/5/2021 4:00	1	2167411.7	52957108	1.9	15.7	1.34724	5.765315122	8.539602098
11/5/2021 5:00	1	2223464.5	54486554	2	18.4	1.3821	5.91441557	8.76045013
11/5/2021 6:00	1	2214454.1	54265752	2	16.1	1.37652	5.890447906	8.724949154
11/5/2021 7:00	1	1952202.6	47233654	1.7	14.2	1.2135	5.192858916	7.691678244
11/5/2021 8:00	1	1932627.7	46916203	1.7	14	1.20132	5.140789682	7.614553138
11/5/2021 9:00	1	1801281.3	44116063	1.6	13.1	1.11966	4.791408258	7.097048322
11/5/2021 10:00	1	1978664.5	47873899	1.7	14.3	1.22994	5.26324757	7.79593813
11/5/2021 11:00	1	1936047	46842767	1.7	14	1.20342	5.14988502	7.62802518
11/5/2021 12:00	1	1852791.7	44828401	1.6	13.4	1.1517	4.928425922	7.29999298
11/5/2021 13:00	1	1988175.9	48420499	1.7	14.4	1.23588	5.288547894	7.833413046
11/5/2021 14:00	1	1836359.4	44957664	1.6	13.3	1.1415	4.884716004	7.235256036
11/5/2021 15:00	1	2088988.9	51191196	1.9	15.1	1.29852	5.556710474	8.230616266
11/5/2021 16:00	1	2184778.5	53538543	1.9	15.8	1.35804	5.81151081	8.60802729
11/5/2021 17:00	1	2205604.2	54048883	2	16	1.371	5.866907172	8.690080548
11/5/2021 18:00	1	2207779.8	54102196	2	16	1.37328	5.872694268	8.698652412
11/5/2021 19:00	1	2210939.3	54179620	2	16	1.3743	5.881098538	8.711100842
11/5/2021 20:00	1	2209248.6	54138188	2	16	1.37328	5.876601276	8.704439484
11/5/2021 21:00	1	2207840.8	54103692	2	16	1.37328	5.872856528	8.698892752
11/5/2021 22:00	1	2022867.6	49102721	1.8	14.7	1.25742	5.380827816	7.970098344
11/5/2021 23:00	1	2207684	54099849	2	16	1.37322	5.87243944	8.69827496
11/6/2021 0:00	1	2216018.7	54304091	2	16.1	1.37748	5.894609742	8.731113678
11/6/2021 1:00	1	2216068.7	54305317	2	16.1	1.37748	5.894742742	8.731310678
11/6/2021 2:00	1	2216129.2	54306801	2	16.1	1.37754	5.894903672	8.731549048
11/6/2021 3:00	1	2224625.9	54515015	2	16.1	1.38282	5.917504894	8.765026046
11/6/2021 4:00	1	2225530.9	54537191	2	16.1	1.38336	5.919912194	8.768591746
11/6/2021 5:00	1	2061115.2	50196941	1.8	14.8	1.28118	5.482566432	8.120793888
11/6/2021 6:00	1	2104238.8	51564897	1.9	15.3	1.308	5.597275208	8.290700872
11/6/2021 7:00	1	2106246.7	51614103	1.9	15.3	1.30926	5.602616222	8.298611998
11/6/2021 8:00	0.38	1049338.6	16035341	9.4	24.1	0.8508	2.791240676	4.134394084
11/6/2021 9:00	0	0	0	0	0	0	0	0
11/6/2021 10:00	0	0	0	0	0	0	0	0
11/6/2021 11:00	0	0	0	0	0	0	0	0
11/6/2021 12:00	0	0	0	0	0	0	0	0
11/6/2021 13:00	0	0	0	0	0	0	0	0
11/6/2021 14:00	0.63	892712.3	26521100	10.8	29.6	0.65712	2.374614718	3.517286462
11/6/2021 15:00	1	1923542	46681101	1.7	12	1.19568	5.11662172	7.57875548
11/6/202								

11/6/2021 22:00	1	2003979.7	48646728	1.8	14.5	1.24566	5.330586002	7.895680018
11/6/2021 23:00	1	2157491.9	52869877	1.9	15.6	1.34112	5.738928454	8.500518086
11/7/2021 0:00	1	1947519.2	47120338	1.7	14.1	1.21056	5.180401072	7.673225648
11/7/2021 1:00	1	1584838.3	39729283	1.4	11.5	0.98514	4.215669878	6.244262902
11/7/2021 2:00	1	1643763.8	40933496	1.5	11.9	1.02174	4.372411708	6.476429372
11/7/2021 3:00	1	1938073.8	46891806	1.7	14.1	1.20468	5.155276308	7.636010772
11/7/2021 4:00	1	1938142.1	46893459	1.7	14.1	1.20474	5.155457986	7.636279874
11/7/2021 5:00	1	1948188.6	47136533	1.7	14.1	1.21098	5.182181676	7.675863084
11/7/2021 6:00	1	2215267.8	54285690	2	18.4	1.377	5.892612348	8.728155132
11/7/2021 7:00	1	1951550.9	47957269	1.7	14.2	1.21308	5.191125394	7.689110546
11/7/2021 8:00	0.38	1055457.7	16192993	10.2	24.2	0.85572	2.807517482	4.158503338
11/7/2021 9:00	0	0	0	0	0	0	0	0
11/7/2021 10:00	0	0	0	0	0	0	0	0
11/7/2021 11:00	0	0	0	0	0	0	0	0
11/7/2021 12:00	0	0	0	0	0	0	0	0
11/7/2021 13:00	0	0	0	0	0	0	0	0
11/7/2021 14:00	0.63	871718.5	0	15.8	26.7	0.6417	2.31877121	3.43457089
11/7/2021 15:00	1	1799307	45040139	1.6	11.2	1.11846	4.78615662	7.08926958
11/7/2021 16:00	1	1856828.9	45608921	1.7	11.7	1.15422	4.939164874	7.315905866
11/7/2021 17:00	1	2197309.7	0	33.6	15.9	1.36584	5.844843802	8.657400218
11/7/2021 18:00	1	2045035.4	0	31.2	14.8	1.27122	5.439794164	8.057439476
11/7/2021 19:00	1	2204785.5	0	33.7	16.4	1.37052	5.86472943	8.68685487
11/7/2021 20:00	1	1987371.5	0	30.4	16.1	1.23534	5.28640819	7.83024371
11/7/2021 21:00	1	2214031.1	0	33.8	16.1	1.37622	5.889322726	8.723282534
11/7/2021 22:00	1	2167836.6	0	33.1	15.7	1.34754	5.766445356	8.541276304
11/7/2021 23:00	1	1961414.8	0	30	12.2	1.2192	5.217936368	7.727974312
11/8/2021 0:00	1	1916325.7	0	29.3	11.9	1.19118	5.097426362	7.550323258
11/8/2021 1:00	1	1782458	0	27.2	11.1	1.10796	4.74133828	7.02288452
11/8/2021 2:00	1	1912917.8	0	29.2	11.9	1.18908	5.088361348	7.536896132
11/8/2021 3:00	1	1755032.5	0	26.8	10.9	1.09092	4.66838645	6.91482805
11/8/2021 4:00	1	1895861.1	0	29	11.8	1.17846	5.042990526	7.469692734
11/8/2021 5:00	1	2222752.9	0	34	16.1	1.38168	5.912522714	8.757646426
11/8/2021 6:00	1	2228882.9	0	34.1	16.2	1.38546	5.928828514	8.781798626
11/8/2021 7:00	1	1959053.7	0	29.9	12.2	1.21776	5.211082842	7.718671578
11/8/2021 8:00	0.82	2049569.5	0	31.2	12.7	1.26762	5.45185487	8.07530383
11/8/2021 9:00	0	0	0	0	0	0	0	0
11/8/2021 10:00	0	0	0	0	0	0	0	0
11/8/2021 11:00	0	0	0	0	0	0	0	0
11/8/2021 12:00	0	0	0	0	0	0	0	0
11/8/2021 13:00	0	0	0	0	0	0	0	0
11/8/2021 14:00	0.63	873616.2	35304856	8.7	27.9	0.64308	2.323819092	3.442047828
11/8/2021 15:00	1	2103115.6	51373997	1.9	15.3	1.30728	5.594287496	8.286275464
11/8/2021 16:00	1	2214441.6	54002914	2	18.4	1.37652	5.890414656	8.724899904
11/8/2021 17:00	1	2221161.7	54430122	2	16.1	1.38066	5.908290122	8.751377098
11/8/2021 18:00	1	2224478.7	54511406	2	16.1	1.38276	5.917113342	8.764446078
11/8/2021 19:00	1	2228836.9	54618206	2	16.2	1.38546	5.928706154	8.781617386
11/8/2021 20:00	1	2218031.6	54353419	2	16.1	1.37874	5.899964056	8.739044504
11/8/2021 21:00	1	2217821.3	54348264	2	16.1	1.37862	5.899404658	8.738215922
11/8/2021 22:00	1	2088423	50872600	1.9	15.1	1.29816	5.55520518	8.22838662
11/8/2021 23:00	1	1890367	45737537	1.7	13.7	1.17504	5.02837622	7.44804598
11/9/2021 0:00	1	1646669.9	40602548	1.5	12	1.02552	4.380141934	6.487879406
11/9/2021 1:00	1	1772061.9	43347347	1.6	12.9	1.10364	4.713684654	6.981923886
11/9/2021 2:00	1	1813431.5	44003278	1.6	13.2	1.12938	4.82372779	7.14492011
11/9/2021 3:00	1	1939654.7	46930055	1.7	14.1	1.20804	5.159481502	7.642239518
11/9/2021 4:00	1	1832921.8	44480093	1.6	13.3	1.14156	4.875571988	7.221711892
11/9/2021 5:00	1	2030122.1	49290313	1.8	14.8	1.26438	5.400124786	7.998681074
11/9/2021 6:00	1	2009123.9	48779866	1.8	14.6	1.2513	5.344269574	7.915948166
11/9/2021 7:00	1	1794615.2	44004693	1.8	13	1.11768	4.773676432	7.070783888
11/9/2021 8:00	1	1991852.7	48336486	1.8	14.5	1.2405	5.298328182	7.847899638
11/9/2021 9:00	0.37	855608.5	14693858	8.6	23	0.72522	2.27591861	3.37109749
11/9/2021 10:00	0	0	0	0	0	0	0	0
11/9/2021 11:00	0	0	0	0	0	0	0	0
11/9/2021 12:00	0	0	0	0	0	0	0	0
11/9/2021 13:00	0	0	0	0	0	0	0	0
11/9/2021 14:00	0.63	842346.2	24818705	10.4	28.9	0.62004	2.240640892	3.318844028
11/9/2021 15:00	1	1960260	48205712	1.8	14.2	1.21848	5.2142916	7.7234244
11/9/2021 16:00	1	1863513.1	45516674	1.6	13.5	1.15836	4.956944846	7.342241614
11/9/2021 17:00	1	2205868	54055347	2	16	1.37118	5.86760888	8.69111992
11/9/2021 18:00	1	2089828.5	51211769	1.9	13	1.29906	5.55894381	8.23392429
11/9/2021 19:00	1	2095096.7	51340869	1.9	13.2	1.3023	5.572957222	8.254680998
11/9/2021 20:00	1	2205300.1	54041430	2	16	1.37082	5.866098266	8.68882394
11/9/2021 21:00	1	2140192.4	52295614	1.9	13.3	1.33032	5.692911784	8.432358056
11/9/2021 22:00	0.63	1445930.2	30034044	8	23.1	1.06434	3.846174332	5.696964988
11/9/2021 23:00	0	0	0	0	0	0	0	0

Notes:

1. PM10/2.5, VOC, and SO2 emissions were calculated using fuel flow and the emission factors listed in the facility's Title V Permit.

Unit 1B Hourly Emissions									
Operating Time (hours)	Gas Flow (scfh)	Calculated Stack Flow (scfh)	CO (lbs./hr.)	Nox (lbs./hr.)	SO2 (lbs./hr.) <sup>1</sup>	VOC (lbs./hr.) <sup>1</sup>	PM10/PM2.5 (lbs./hr.) <sup>2</sup>		
9/10/2021 0:00	1	2097860	51408584	1.9	15.2	1.30656	5.5803076		8.2655684
9/10/2021 1:00	1	1883391.4	45568763	1.7	13.7	1.173	5.009821124		7.420562116
9/10/2021 2:00	1	2030598.6	49130447	1.8	14.8	1.26468	5.401392276		8.000584884
9/10/2021 3:00	1	2032574.4	49808744	1.8	14.8	1.26588	5.406647904		8.008343136
9/10/2021 4:00	1	2120831.5	51823149	1.9	15.4	1.32084	5.64141179		8.35607611
9/10/2021 5:00	1	2109186.6	51686144	1.9	13.1	1.31358	5.610436356		8.310195204
9/10/2021 6:00	1	1894914.4	44955771	1.7	13.8	1.18014	5.040472304		7.465962736
9/10/2021 7:00	1	1738791.1	42712130	1.9	10.8	1.08294	4.625184326		6.850836934
9/10/2021 8:00	1	1649216.3	40717752	1.8	10.3	1.02714	4.386915358		6.497912222
9/10/2021 9:00	1	1846920.3	44966076	1.6	13.4	1.15026	4.912807998		7.276865982
9/10/2021 10:00	1	1832258.2	44705628	1.6	13.3	1.14114	4.873806812		7.219097308
9/10/2021 11:00	1	2176547.3	53336836	1.9	15.8	1.35558	5.789615818		8.575596362
9/10/2021 12:00	1	1895616.2	46157262	1.7	11.8	1.18062	5.042339092		7.468727828
9/10/2021 13:00	1	1796714.2	44109426	1.9	13.1	1.119	4.779259772		7.079053948
9/10/2021 14:00	1	1982418	48121486	1.7	14.4	1.23468	5.27323188		7.81072692
9/10/2021 15:00	1	1967991.7	48337865	1.8	14.3	1.22568	5.234857922		7.753887298
9/10/2021 16:00	1	2188715.8	53635027	1.9	15.9	1.36314	5.821984028		8.623540252
9/10/2021 17:00	1	2194839.9	53785101	2	15.9	1.36692	5.838274134		8.647669206
9/10/2021 18:00	1	2143609.4	52373230	1.9	13.4	1.33506	5.702001004		8.445821036
9/10/2021 19:00	1	2113074.5	51629360	1.9	15.4	1.31604	5.62077817		8.32551353
9/10/2021 20:00	1	2068521.6	50382105	1.8	15	1.28826	5.502267456		8.149975104
9/10/2021 21:00	1	1971119.3	47854991	1.7	14.3	1.2276	5.243177338		7.766210042
9/10/2021 22:00	1	1845557	45059414	1.6	11.5	1.14942	4.90918162		7.27149458
9/10/2021 23:00	1	1832180.1	44724596	1.6	13.3	1.14108	4.873599066		7.218789594
9/11/2021 0:00	1	1961251	47914992	1.7	14.3	1.22148	5.21692766		7.72732894
9/11/2021 1:00	1	1981653	47946207	1.7	14.4	1.2342	5.27119698		7.80771282
9/11/2021 2:00	1	1984259.1	48009262	1.7	14.4	1.23582	5.278129206		7.817980854
9/11/2021 3:00	1	2064301.5	50586225	1.8	15	1.28562	5.49104199		8.13334791
9/11/2021 4:00	1	1833763.7	44502306	1.6	13.3	1.14204	4.877811442		7.225028978
9/11/2021 5:00	1	1934176.7	46556081	1.7	14.1	1.20462	5.144910022		7.620656198
9/11/2021 6:00	1	2026698.7	49235650	1.8	14.7	1.26222	5.391018542		7.985192878
9/11/2021 7:00	0.38	884386.5	14522052	0.9	16.8	0.71844	2.35246809		3.48448281
9/11/2021 8:00	0	0	0	0	0	0	0		0
9/11/2021 9:00	0	0	0	0	0	0	0		0
9/11/2021 10:00	0	0	0	0	0	0	0		0
9/11/2021 11:00	0.65	863299.9	25876075	9.9	26.9	0.62004	2.296377734		3.401401606
9/11/2021 12:00	1	1940576.6	47358551	1.7	12.1	1.20858	5.161933756		7.645871804
9/11/2021 13:00	1	2122900	52022195	1.9	15.4	1.32216	5.646914		8.364226
9/11/2021 14:00	1	2041729.1	49724272	1.8	12.7	1.27158	5.430999406		8.044412654
9/11/2021 15:00	1	2048576.4	49565423	1.8	12.8	1.27584	5.449213224		8.071391016
9/11/2021 16:00	1	2152365.9	52586939	1.9	15.6	1.34052	5.725293294		8.480321646
9/11/2021 17:00	1	2190705.5	53683787	2	15.9	1.3644	5.82727663		8.63137967
9/11/2021 18:00	1	2194229.5	53770141	2	15.9	1.36656	5.83665047		8.64526423
9/11/2021 19:00	1	2196771.9	53832445	2	16	1.36812	5.843413254		8.655281286
9/11/2021 20:00	1	2199387.2	53896532	2	16	1.3698	5.850369952		8.665585568
9/11/2021 21:00	1	2068148.5	50525473	1.8	12.9	1.28802	5.50127501		8.14850509
9/11/2021 22:00	1	2018274.6	49158070	1.8	14.7	1.257	5.368610436		7.952001924
9/11/2021 23:00	1	2186251.8	53574647	1.9	15.9	1.36158	5.815429788		8.613832092
9/12/2021 0:00	1	2165018.7	53054324	1.9	15.7	1.34838	5.758949742		8.530173678
9/12/2021 1:00	1	2061648.6	50207433	1.8	15	1.284	5.483985276		8.122895484
9/12/2021 2:00	1	1956494.6	47337497	1.7	14.2	1.21848	5.204275636		7.708588724
9/12/2021 3:00	1	2005329.8	48683514	1.8	14.6	1.2489	5.334177268		7.900999412
9/12/2021 4:00	1	1954450.6	47288042	1.7	14.2	1.21722	5.198838596		7.700535364
9/12/2021 5:00	1	1896354.6	45882407	1.7	13.8	1.18104	5.044303236		7.471637124
9/12/2021 6:00	1	1775889.2	42496258	2.2	12.9	1.10604	4.723865272		6.997003448
9/12/2021 7:00	0.38	871921.7	14359927	8.7	15.3	0.7083	2.319311722		3.435371498
9/12/2021 8:00	0	0	0	0	0	0	0		0
9/12/2021 9:00	0	0	0	0	0	0	0		0
9/12/2021 10:00	0	0	0	0	0	0	0		0
9/12/2021 11:00	0.8	851802	0	8	23.2	0.66288	2.26579332		3.35609988
9/12/2021 12:00	1	1949800.6	47885833	2.1	8.1	1.21434	5.186469596		7.682214364
9/12/2021 13:00	1	2189074.2	53643809	1.9	13.6	1.36338	5.822937372		8.624952348
9/12/2021 14:00	1	2195874.5	53810454	2	9.1	1.36758	5.84102617		8.65174553
9/12/2021 15:00	1	2019185.3	49177231	1.8	8.4	1.25754	5.371032898		7.955590082
9/12/2021 16:00	1	2137164.5	52219216	1.9	15.5	1.33104	5.68485757		8.42042813
9/12/2021 17:00	1	2193433.5	53750637	2	15.9	1.36608	5.83453311		8.64212799
9/12/2021 18:00	1	2196711.3	53830959	2	16	1.36812	5.843252058		8.655042522
9/12/2021 19:00	1	2198019.8	53863024	2	16	1.3689	5.846732668		8.660198012
9/12/2021 20:00	1	2199333.2	53895209	2	16	1.36974	5.850226312		8.665372808
9/12/2021 21:00	1	2041032.1	49714522	1.8	12.7	1.27116	5.429145386		8.041666474
9/12/2021 22:00	1	1941398.8	46972254	1.7	14.1	1.20912	5.164120808		7.649111272
9/12/2021 23:00	1	1779474.5	43316233	1.6	12.9	1.10826	4.73340217		7.01112953
9/13/2021 0:00	1	1760970.8	42741631	1.5	12.8	1.09674	4.684182328		6.938224952
9/13/2021 1:00	1	1640998.3	40213073	1.5	10.2	1.02204	4.365055478		6.465533302
9/13/2021 2:00	0.4	931924.4	14989806	8.2	19.3	0.72552	2.478918904		3.671782136
9/13/2021 3:00	0	0	0	0	0	0	0		0
9/13/2021 4:00	0	0	0	0	0	0	0		0
9/13/2021 5:00	0	0	0	0	0	0	0		0
9/13/2021 6:00	0	0	0	0	0	0	0		0
9/13/2021 7:00	0	0	0	0	0	0	0		0
9/13/2021 8:00	0	0	0	0	0	0	0		0
9/13/2021 9:00	0	0	0	0	0	0	0		0
9/13/2021 10:00	0.8	853962.9	0	9.3	24.4	0.66426	2.271541314		3.364613826
9/13/2021 11:00	1	1867039.3	45314138	1.6	7.8	1.1628	4.966324538		7.356134842
9/13/2021 12:00	1	1927563.6	46798778	1.7	12	1.20048	5.127319176		7.594600584
9/13/2021 13:00	1	2086748.5	50979775	1.9	13	1.2996	5.55075101		8.22178909
9/13/2021 14:00	1	2054343	49727276	1.8	8.5	1.27944	5.46455238		8.09411142
9/13/2021 15:00	1	2031969.6	49332578	1.8	12.7	1.26552	5.405039136		8.005960224
9/13/2021 16:00	1	2059321	50165376	1.8	15	1.28256	5.47779386		8.11372474
9/13/2021 17:00	1	2193027.6	53740689	2	15.9	1.36584	5.833453416		8.640528744
9/13/2021 18:00	1	2193614.5	53755071	2	15.9	1.3662	5.83501457		8.64284113
9/13/2021 19:00	1	1947036.5	47269826	1.7	12.1	1.2126	5.17911709		7.67132381
9/13/2021 20:00	1	1942883.3	47308516	1.7	14.1	1.21002	5.168069578		7.654960202
9/13/2021 21:00	1	1727001.2	42902442	1.6	10.8	1.07556	4.593823192		6.804384728
9/13/2021 22:00	0.15	514549.8	1646971	12.3	34.7	0.53412	1.368702468		2.027326212
9/13/2021 23:00	0	0	0	0	0	0	0		0
9/14/2021 0:00	0.63	836643.3	24641882	9.6	28.8	0.61704	2.225471178		3.296374602
9/14/2021 1:00	1	1783260.5	43540685	1.6	11.1	1.1106	4.74347293		7.02604637
9/14/2021 2:00	1	1836125.1	44562291	1.6	13.3	1.14354	4.884092766		7.234332894
9/14/2021 3:00	1	1964200.6	47523946	1.7	14.3	1.22328	5.224773596		7.738950364
9/14/2021 4:00	1	2043725.6	49448058	1.8	14.8	1.27284	5.436310096		8.052278864
9/14/2021 5:00	1	2178090.1	53212251	1.9	15.8	1.35654	5.793719666		8.581674994
9/14/2021 6:00	1	1881289.8	46568267	1.7	11.7	1.17168	5.004230868		7.412281812
9/14/2021 7:00	0.35	996350	15521272	10.2	20.7	0.88626	2.650291		3.925619
9/14/2021 8:00	0	0	0	0	0	0	0		0
9/14/2021 9:00	0	0	0	0	0	0	0		0
9/14/2021 10:00	0	0	0	0	0	0	0		0





9/19/2021 14:00	0	0	0	0	0	0	0	0	0
9/19/2021 15:00	0.63	857493.6	25246351	11.8	28.5	0.6324	2.280932976	3.378524784	
9/19/2021 16:00	1	2070502.1	50886725	1.8	12.9	1.28952	5.507535586	8.157778274	
9/19/2021 17:00	1	2197754.3	53856519	2	13.7	1.36878	5.846026438	8.659151942	
9/19/2021 18:00	1	2024680.8	4908853	1.8	12.6	1.26096	5.385650928	7.977242352	
9/19/2021 19:00	1	2035813.3	49583341	1.8	8.5	1.26792	5.415263378	8.021104402	
9/19/2021 20:00	1	2091672.6	51256961	1.9	8.7	1.30272	5.563849116	8.241190044	
9/19/2021 21:00	1	2011501.5	48827889	1.8	8.4	1.25274	5.350593999	7.92531591	
9/19/2021 22:00	1	2012020.8	49005809	1.8	8.4	1.2531	5.351975328	7.927361952	
9/19/2021 23:00	0.35	799703.2	13763009	8.8	20.2	0.71148	2.127210512	3.150830608	
9/20/2021 0:00	0	0	0	0	0	0	0	0	
9/20/2021 1:00	0	0	0	0	0	0	0	0	
9/20/2021 2:00	0	0	0	0	0	0	0	0	
9/20/2021 3:00	0	0	0	0	0	0	0	0	
9/20/2021 4:00	0	0	0	0	0	0	0	0	
9/20/2021 5:00	0	0	0	0	0	0	0	0	
9/20/2021 6:00	0	0	0	0	0	0	0	0	
9/20/2021 7:00	0	0	0	0	0	0	0	0	
9/20/2021 8:00	0	0	0	0	0	0	0	0	
9/20/2021 9:00	0	0	0	0	0	0	0	0	
9/20/2021 10:00	0	0	0	0	0	0	0	0	
9/20/2021 11:00	0	0	0	0	0	0	0	0	
9/20/2021 12:00	0	0	0	0	0	0	0	0	
9/20/2021 13:00	0	0	0	0	0	0	0	0	
9/20/2021 14:00	0.3	424475.2	0	24.6	52.7	0.43908	1.129104032	1.672432288	
9/20/2021 15:00	1	1273301.2	34398096	1.5	5.3	0.79302	3.386891192	5.016806728	
9/20/2021 16:00	1	1839875.6	44064100	1.6	7.6	1.14588	4.894060906	7.249109864	
9/20/2021 17:00	1	2060234	50342995	1.8	12.8	1.2831	5.48022244	8.11732196	
9/20/2021 18:00	1	2189984.2	53666111	1.9	9.1	1.36392	5.825357972	8.628537748	
9/20/2021 19:00	1	2190930.8	53689308	2	9.1	1.36452	5.827875928	8.632267352	
9/20/2021 20:00	1	213216.2	52122883	1.9	8.9	1.32858	5.674355092	8.404871828	
9/20/2021 21:00	1	2104152.3	51411981	1.9	8.7	1.31046	5.597045118	8.290360062	
9/20/2021 22:00	1	2011801.4	49007460	1.8	8.4	1.25292	5.351391724	7.926497516	
9/20/2021 23:00	1	1751186.2	42606391	1.5	7.3	1.09062	4.658155292	6.899673628	
9/21/2021 0:00	1	1915112.8	46336262	1.7	11.9	1.19274	5.094200048	7.545544432	
9/21/2021 1:00	1	1873913.5	45339443	1.6	7.8	1.16706	4.98460991	7.38321919	
9/21/2021 2:00	1	1841817	44562868	1.6	7.6	1.14708	4.89923322	7.25675898	
9/21/2021 3:00	1	1719139.6	41989884	1.5	7.1	1.0707	4.572911336	6.773410024	
9/21/2021 4:00	1	1865915.9	45145942	1.6	11.6	1.16208	4.963336294	7.351708646	
9/21/2021 5:00	1	1945205.8	47064365	1.7	12.1	1.21146	5.174247428	7.664110852	
9/21/2021 6:00	1	1983424.5	48151843	1.8	14.4	1.23528	5.27590917	7.81469253	
9/21/2021 7:00	1	1803230.9	43848118	2.3	11.2	1.12308	4.79659194	7.104729746	
9/21/2021 8:00	0.23	928536.2	6932863	14.2	22.7	0.61962	2.469906292	3.658432628	
9/21/2021 9:00	0	0	0	0	0	0	0	0	
9/21/2021 10:00	0.03	12086.2	0	0	0	0.04764	0.032149292	0.047619628	
9/21/2021 11:00	1	1175881.6	34783413	8.4	22	0.73236	3.127845056	4.632973504	
9/21/2021 12:00	1	2140587.4	52455629	1.9	15.6	1.33314	5.693962484	8.433914356	
9/21/2021 13:00	1	2191085.6	53693100	2	15.9	1.36464	5.828287696	8.632877264	
9/21/2021 14:00	1	2195041.2	53790033	2	15.9	1.3671	5.838809592	8.648462328	
9/21/2021 15:00	1	2194303	53771942	2	15.9	1.36662	5.83684598	8.64555382	
9/21/2021 16:00	1	2196427.7	53824010	2	16	1.36794	5.842497682	8.653925138	
9/21/2021 17:00	1	2199739.1	53905157	2	16	1.36998	5.851306006	8.666972054	
9/21/2021 18:00	1	2202202.6	53965525	2	16	1.37154	5.857858916	8.676678244	
9/21/2021 19:00	1	2201293.9	53943257	2	16	1.37094	5.855441774	8.673097966	
9/21/2021 20:00	1	2200746.3	53929838	2	16	1.37064	5.853985158	8.670940422	
9/21/2021 21:00	1	2201240.5	53941948	2	16	1.37094	5.85529973	8.67288757	
9/21/2021 22:00	1	1997174.4	48640551	1.8	12.4	1.24386	5.312483904	7.868867136	
9/21/2021 23:00	1	2200890.6	53933374	2	16	1.3707	5.854368996	8.671508964	
9/22/2021 0:00	1	2205616.8	54049192	2	16	1.37364	5.866940688	8.690130192	
9/22/2021 1:00	1	1987197	48808045	1.7	12.4	1.23762	5.28594402	7.82955618	
9/22/2021 2:00	1	1958603.2	47388516	1.7	14.2	1.2198	5.209884512	7.716896608	
9/22/2021 3:00	1	1949839.7	47176483	1.7	14.2	1.21434	5.186573602	7.682368418	
9/22/2021 4:00	1	2209194.4	54136862	2	16.1	1.37586	5.876457104	8.704225936	
9/22/2021 5:00	1	2207431.9	54093671	2	16	1.37478	5.871768854	8.697281686	
9/22/2021 6:00	1	2204952.5	54000832	2	16	1.37322	5.86517365	8.68751285	
9/22/2021 7:00	0.63	1471759	30259171	8.7	19.9	1.08546	3.91487894	5.79873046	
9/22/2021 8:00	0	0	0	0	0	0	0	0	
9/22/2021 9:00	0	0	0	0	0	0	0	0	
9/22/2021 10:00	0	0	0	0	0	0	0	0	
9/22/2021 11:00	0	0	0	0	0	0	0	0	
9/22/2021 12:00	0.78	812660.7	0	7.8	23.7	0.64566	2.161677462	3.201883158	
9/22/2021 13:00	1	1871702.8	46091128	1.7	11.7	1.16568	4.978729448	7.374509032	
9/22/2021 14:00	1	2031797.4	49641332	1.8	14.8	1.2654	5.404581084	8.005281756	
9/22/2021 15:00	1	2166941.7	53086744	1.9	15.7	1.34922	5.762468922	8.533386298	
9/22/2021 16:00	1	2192966.9	53739201	2	15.9	1.36578	5.83291954	8.640289586	
9/22/2021 17:00	1	2193081.8	53742018	2	15.9	1.36584	5.833597588	8.640742292	
9/22/2021 18:00	1	2194699.8	53781667	2	15.9	1.36686	5.837901468	8.647171212	
9/22/2021 19:00	1	2200797.7	53931099	2	16	1.37064	5.854121882	8.671429398	
9/22/2021 20:00	1	2200646.4	53927389	2	16	1.37058	5.853719424	8.670546816	
9/22/2021 21:00	1	2199581.4	53901293	2	16	1.36992	5.850886524	8.666350716	
9/22/2021 22:00	1	1961996.3	47628766	1.7	12.2	1.22196	5.218910158	7.730265422	
9/22/2021 23:00	1	2140133.4	52289594	1.9	15.6	1.3329	5.692754844	8.432125596	
9/23/2021 0:00	1	1984164.7	48164220	1.7	14.4	1.23576	5.277878102	7.817608918	
9/23/2021 1:00	1	1950142.4	47138307	1.7	14.2	1.21452	5.187378784	7.683561056	
9/23/2021 2:00	1	1939874.3	46935369	1.7	14.1	1.20816	5.160065638	7.643104742	
9/23/2021 3:00	1	2032698.1	49510105	1.8	14.8	1.26594	5.406976946	8.008830514	
9/23/2021 4:00	1	2123111.9	51873651	1.9	15.4	1.32228	5.647477654	8.365060886	
9/23/2021 5:00	1	2187358.1	53601756	1.9	15.9	1.3623	5.818372546	8.618190914	
9/23/2021 6:00	1	2007102.6	49369045	1.8	14.6	1.25004	5.338892916	7.907984244	
9/23/2021 7:00	0.17	678021.2	6749876	14.8	31.7	0.63342	1.803536392	2.671403528	
9/23/2021 8:00	0	0	0	0	0	0	0	0	
9/23/2021 9:00	0	0	0	0	0	0	0	0	
9/23/2021 10:00	0	0	0	0	0	0	0	0	
9/23/2021 11:00	0.78	830627.4	0	8	25.3	0.66	2.209468884	3.272671956	
9/23/2021 12:00	1	2141634.6	52481292	1.9	15.6	1.3338	5.696748036	8.438040324	
9/23/2021 13:00	1	2189154.8	53645787	1.9	15.9	1.36338	5.823151768	8.625269912	
9/23/2021 14:00	1	2046496	50149896	1.8	12.7	1.27458	5.44367936	8.06319424	
9/23/2021 15:00	1	2048129.4	50044608	1.8	14.9	1.2756	5.448024204	8.069629836	
9/23/2021 16:00	1	2179939.7	53419967	1.9	15.8	1.35768	5.798639602	8.588962418	
9/23/2021 17:00	1	2188308.3	53625042	1.9	15.9	1.3629	5.820900078	8.621934702	
9/23/2021 18:00	1	2190379	53675786	2	15.9	1.36416	5.82640814	8.63009326	
9/23/2021 19:00	1	2190206.4	53671556	2	15.9	1.36404	5.825949024	8.629413216	
9/23/2021 20:00	1	2192455.3	53726665	2	15.9	1.36548	5.831931098	8.638273882	
9/23/2021 21:00	1	2107781.2	51493652	1.9	15.3	1.31274	5.606697992	8.304657928	
9/23/2021 22:00	1	1952096.4	47231083	1.7	14.2	1.21578	5.192576424	7.691259816	
9/23/2021 23:00	1	2072242	50478109	1.8	15.1	1.2906	5.51216372	8.16463348	
9/24/2021 0:00	1	1954247.1	47283121	1.7	14.2	1.2171	5.198297286	7.699733574	
9/24/2021 1:00	1	2016258.8	48950763	1.8	14.7	1.25574	5.363248408	7.944059672	
9/24/2021 2:00	1	1947375.7	47116865	1.7	14.1	1.21284	5.180019362	7.672660258	
9/24/2021 3:00	1	2115351.5	51522896	1.9	15.4	1.31742	5.62683499	8.33448491	
9/24/2021 4:00	1	2174767.3	53293217	1.9	15.8	1.35444	5.784		

9/24/2021 10:00	0	0	0	0	0	0	0	0	0
9/24/2021 11:00	0	0	0	0	0	0	0	0	0
9/24/2021 12:00	0.8	836218.5	0	7.9	23.9	0.65058	2.22434121	3.29470089	0
9/24/2021 13:00	1	1996983.7	49052815	1.8	12.4	1.24374	5.311976642	7.868115778	0
9/24/2021 14:00	1	2174502.7	53286733	1.9	9	1.35426	5.784177182	8.567540638	0
9/24/2021 15:00	1	2100539.4	51474243	1.9	8.7	1.30824	5.587434804	8.276125236	0
9/24/2021 16:00	1	2198730.5	53880440	2	13.7	1.36938	5.84862313	8.66299817	0
9/24/2021 17:00	1	2199509.6	53899531	2	16	1.36986	5.850695536	8.666067824	0
9/24/2021 18:00	1	2198406.1	53872491	2	16	1.36914	5.847760226	8.661720034	0
9/24/2021 19:00	1	2195222	53794463	2	16	1.36716	5.83929052	8.64917468	0
9/24/2021 20:00	1	2195971.8	53812838	2	16	1.36764	5.841284988	8.652128892	0
9/24/2021 21:00	1	2196818.9	53833597	2	16	1.36818	5.843538274	8.655466466	0
9/24/2021 22:00	1	2198457.7	53873754	2	16	1.3692	5.847897482	8.661923338	0
9/24/2021 23:00	1	2198945.4	53885706	2	16	1.3695	5.849194764	8.663844876	0
9/25/2021 0:00	1	2199977	53910987	2	16	1.37016	5.85193882	8.66790938	0
9/25/2021 1:00	1	2197824.8	53858246	2	16	1.36878	5.846213968	8.659429712	0
9/25/2021 2:00	1	2198916.4	53884995	2	16	1.3695	5.849117624	8.663730616	0
9/25/2021 3:00	1	2200452	53922627	2	16	1.37046	5.85320232	8.66978088	0
9/25/2021 4:00	1	2201598.7	53950726	2	16	1.37118	5.856252542	8.674298878	0
9/25/2021 5:00	1	2201450.8	53947102	2	16	1.37106	5.855895128	8.673716152	0
9/25/2021 6:00	1	2079998.9	50970893	1.9	13	1.2954	5.532797074	8.195195666	0
9/25/2021 7:00	0.4	1138468.6	17026241	9.5	23.6	0.88632	3.028326476	4.485566284	0
9/25/2021 8:00	0	0	0	0	0	0	0	0	0
9/25/2021 9:00	0	0	0	0	0	0	0	0	0
9/25/2021 10:00	0	0	0	0	0	0	0	0	0
9/25/2021 11:00	0	0	0	0	0	0	0	0	0
9/25/2021 12:00	0	0	0	0	0	0	0	0	0
9/25/2021 13:00	0.8	829149.4	0	8	23.7	0.645	2.205537404	3.266848636	0
9/25/2021 14:00	1	2022202.5	49847115	1.8	8.4	1.2594	5.37905865	7.96747785	0
9/25/2021 15:00	1	2076819.1	50739352	1.8	8.6	1.29342	5.524338806	8.182667254	0
9/25/2021 16:00	1	1952909.8	47414593	1.7	12.2	1.21626	5.194740068	7.694464612	0
9/25/2021 17:00	1	2167974.1	52965911	1.9	15.8	1.35024	5.766811106	8.541817954	0
9/25/2021 18:00	1	2200775.2	53930547	2	13.7	1.37064	5.854062032	8.671054288	0
9/25/2021 19:00	1	2200758.2	53930129	2	13.7	1.37064	5.854016812	8.670987308	0
9/25/2021 20:00	1	2203839	54005626	2	13.7	1.37256	5.86221174	8.68312566	0
9/25/2021 21:00	1	2204708.4	54026930	2	13.7	1.3731	5.864524344	8.686551096	0
9/25/2021 22:00	1	2205167.1	54038170	2	13.7	1.3734	5.865744486	8.688358374	0
9/25/2021 23:00	1	2206839.8	54079162	2	13.7	1.37442	5.870193868	8.694948812	0
9/26/2021 0:00	1	2208113.3	54110369	2	13.8	1.3752	5.873581378	8.699966402	0
9/26/2021 1:00	1	2207008.2	54083286	2	13.7	1.37454	5.870641812	8.695612308	0
9/26/2021 2:00	1	2207732.4	54101034	2	13.7	1.37496	5.872568184	8.698465656	0
9/26/2021 3:00	1	2206745.8	54076858	2	13.7	1.37436	5.869943828	8.694578452	0
9/26/2021 4:00	1	2206293.8	54065781	2	13.7	1.37406	5.868741508	8.692797572	0
9/26/2021 5:00	1	2207171.7	54087294	2	13.7	1.3746	5.871076722	8.696256498	0
9/26/2021 6:00	1	2208282.3	54114509	2	13.8	1.37532	5.874030918	8.700632262	0
9/26/2021 7:00	1	2185506.3	53556377	1.9	9.1	1.36116	5.813446758	8.610894822	0
9/26/2021 8:00	1	2161838.1	52976383	1.9	9	1.3464	5.750489346	8.517642114	0
9/26/2021 9:00	0.65	1039556.3	23419400	7.7	13.7	0.74706	2.765219758	4.095851822	0
9/26/2021 10:00	0	0	0	0	0	0	0	0	0
9/26/2021 11:00	0	0	0	0	0	0	0	0	0
9/26/2021 12:00	0.82	859826.4	0	7.4	22.9	0.6555	2.287138224	3.387716016	0
9/26/2021 13:00	1	1900913	46697107	1.7	7.9	1.18386	5.05642858	7.48959722	0
9/26/2021 14:00	1	1985792.1	48360388	1.7	8.2	1.23678	5.282206986	7.824020874	0
9/26/2021 15:00	1	2110061.5	51707585	1.9	13.1	1.31412	5.61276359	8.31364231	0
9/26/2021 16:00	1	2139953.2	52288206	1.9	13.3	1.33278	5.692275512	8.431415608	0
9/26/2021 17:00	1	2203026.1	53985705	2	13.7	1.37202	5.860049426	8.679922834	0
9/26/2021 18:00	1	2204605.5	54024408	2	13.7	1.37304	5.86425063	8.68614567	0
9/26/2021 19:00	1	2207100	54085536	2	13.7	1.3746	5.870886	8.695974	0
9/26/2021 20:00	1	2207435.7	54093763	2	13.7	1.37478	5.871778962	8.697296658	0
9/26/2021 21:00	1	2207670	54099505	2	13.7	1.37496	5.8724022	8.6982198	0
9/26/2021 22:00	1	2205058.9	54053519	2	13.7	1.37334	5.865456674	8.687932066	0
9/26/2021 23:00	1	1929455.7	46683290	1.7	12	1.20168	5.132352162	7.602055458	0
9/27/2021 0:00	1	1861124.3	45161827	1.6	11.6	1.15908	4.950590638	7.332829742	0
9/27/2021 1:00	1	1646500.1	40448206	1.5	10.3	1.02546	4.379690266	6.487210394	0
9/27/2021 2:00	1	1399031	36208256	1.3	8.7	0.87132	3.72142246	5.51218214	0
9/27/2021 3:00	1	1682004.1	42202984	1.5	10.5	1.04754	4.474130906	6.627096154	0
9/27/2021 4:00	1	2168733.5	52959856	1.9	13.5	1.35066	5.76883111	8.54480999	0
9/27/2021 5:00	1	2208273.7	54114298	2	13.8	1.37532	5.874008042	8.700598378	0
9/27/2021 6:00	1	2204245.8	54015593	2	16	1.3728	5.863293828	8.684728452	0
9/27/2021 7:00	1	1810397.2	44073857	1.6	11.3	1.12752	4.815656552	7.132964968	0
9/27/2021 8:00	1	1748317.4	42558658	1.6	10.9	1.08888	4.650524284	6.888370556	0
9/27/2021 9:00	1	1890953.3	45751723	1.7	11.8	1.17768	5.029935778	7.450356002	0
9/27/2021 10:00	1	1787123.8	43646633	1.6	11.1	1.113	4.753749808	7.041267772	0
9/27/2021 11:00	1	1673762.3	41127172	1.8	10.4	1.04244	4.452077718	6.594623462	0
9/27/2021 12:00	1	1611279.2	40383933	1.7	10	1.0035	4.286002672	6.348440408	0
9/27/2021 13:00	1	1911369.8	46388111	1.7	11.9	1.1904	5.084243668	7.530797012	0
9/27/2021 14:00	1	2078515.9	50781464	1.9	12.9	1.2945	5.528852294	8.189352646	0
9/27/2021 15:00	1	2101719.7	51503167	1.9	13.1	1.30896	5.590574402	8.280775618	0
9/27/2021 16:00	1	1965800.5	48377675	1.7	12.2	1.2243	5.22902933	7.74525397	0
9/27/2021 17:00	1	2063306.9	50561852	1.8	12.9	1.28502	5.488396354	8.129429186	0
9/27/2021 18:00	1	1954494.8	47599297	1.7	12.2	1.21728	5.198956168	7.700709512	0
9/27/2021 19:00	1	2202172.8	53964795	2	13.7	1.37154	5.857779648	8.676560832	0
9/27/2021 20:00	1	2203281.5	53991965	2	13.7	1.3722	5.86072879	8.68092911	0
9/27/2021 21:00	1	2202263.7	53967023	2	13.7	1.37154	5.858021442	8.676918978	0
9/27/2021 22:00	1	1959009.3	47398342	1.7	12.2	1.2201	5.210964738	7.718496642	0
9/27/2021 23:00	1	2196592.4	53828047	2	13.7	1.36806	5.842935784	8.654574056	0
9/28/2021 0:00	1	2183136.5	53498305	1.9	13.6	1.35966	5.80714309	8.60155781	0
9/28/2021 1:00	1	2201909.1	53958332	2	13.7	1.37136	5.857078206	8.675521854	0
9/28/2021 2:00	1	2202708.6	53977925	2	13.7	1.37184	5.859204876	8.678671884	0
9/28/2021 3:00	1	2200537.4	53924718	2	13.7	1.37052	5.853429484	8.670117356	0
9/28/2021 4:00	1	2199882.9	53908679	2	13.7	1.3701	5.851688514	8.667538626	0
9/28/2021 5:00	1	2197254	53844259	2	13.7	1.36842	5.84469564	8.65718076	0
9/28/2021 6:00	1	2054177.5	50198212	1.8	14.9	1.27932	5.46411215	8.09345935	0
9/28/2021 7:00	1	1741790.8	43456734	1.9	10.8	1.0848	4.633163528	6.862655752	0
9/28/2021 8:00	1	1141073	32074380	1.4	7.1	0.71064	3.03525418	4.49582762	0
9/28/2021 9:00	1	1135242.9	31910502	1.4	7.1	0.70704	3.019746114	4.472857026	0
9/28/2021 10:00	1	1361819	36531812	1.6	8.5	0.84816	3.62243854	5.36556686	0
9/28/2021 11:00	1	1684129.7	42009744	2.2	10.5	1.04886	4.479785002	6.635471018	0
9/28/2021 12:00	1	1940837.1	47115505	1.7	12.1	1.20876	5.162626686	7.646898174	0
9/28/2021 13:00	1	1970982.2	48299412	1.8	12.3	1.22754	5.242812652	7.765699686	0
9/28/2021 14:00	1	2035400.1	49877987	1.8	12.7	1.26762	5.414164266	8.019476394	0
9/28/2021 15:00	1	1992608.5	48829370	1.8	12.4	1.24098	5.30033861	7.85087749	0
9/28/2021 16:00	1	2105603.3	51598335	1.9	13.1	1.31136	5.600904778	8.296077002	0
9/28/2021 17:00	1	2088216.1	51172257	1.9	13	1.30056	5.554654826	8.22751434	0
9/28/2021 18:00	1	185415.7	44990847</						

9/29/2021 6:00	1	1954537.9	47748715	1.7	14.2	1.21728	5.199070814	7.700879326
9/29/2021 7:00	1	1862684.9	46010089	2.3	11.6	1.1601	4.954741834	7.338978506
9/29/2021 8:00	0.4	1097218.7	16382285	9.8	17.1	0.85416	2.918601742	4.323041678
9/29/2021 9:00	0	0	0	0	0	0	0	0
9/29/2021 10:00	0	0	0	0	0	0	0	0
9/29/2021 11:00	0	0	0	0	0	0	0	0
9/29/2021 12:00	0	0	0	0	0	0	0	0
9/29/2021 13:00	0.8	817206	0	7.6	22.3	0.63576	2.17376796	3.21979164
9/29/2021 14:00	1	2027343.3	49965117	1.8	12.6	1.26264	5.392733178	7.987732602
9/29/2021 15:00	1	2099874.3	51457944	1.9	13.1	1.30782	5.585665638	8.273504742
9/29/2021 16:00	1	2082770.6	50887381	1.9	13	1.29714	5.540169796	8.206116164
9/29/2021 17:00	1	2006237	48553548	1.8	12.5	1.2495	5.33659042	7.90457378
9/29/2021 18:00	1	1920170.6	46622069	1.7	12	1.19586	5.107653796	7.565472164
9/29/2021 19:00	1	1976994.8	47995389	1.7	12.3	1.23126	5.258806168	7.789359512
9/29/2021 20:00	1	2027212.3	49369059	1.8	12.6	1.26252	5.392384718	7.987216462
9/29/2021 21:00	1	1963785.6	47673790	1.7	12.2	1.22304	5.223669696	7.737315264
9/29/2021 22:00	1	1881133.4	45514130	1.7	11.7	1.17156	5.003814844	7.411665596
9/29/2021 23:00	1	1925957.4	46598649	1.7	12	1.19946	5.123046684	7.588272156
9/30/2021 0:00	1	1814588.5	44038242	1.6	11.3	1.1301	4.82680541	7.14947869
9/30/2021 1:00	1	1865433.3	45134264	1.6	11.6	1.16178	4.962052578	7.349807202
9/30/2021 2:00	1	1842410.9	44577237	1.6	11.5	1.14744	4.900812994	7.259098946
9/30/2021 3:00	1	1819616	44317030	1.6	11.3	1.13328	4.84017856	7.169287094
9/30/2021 4:00	1	2109778.6	51550706	1.9	15.3	1.314	5.612011076	8.31252684
9/30/2021 5:00	1	2114947.4	51576771	1.9	13.2	1.31718	5.625760084	8.332892756
9/30/2021 6:00	1	1998146.4	48508134	1.8	12.4	1.24446	5.315069424	7.87266816
9/30/2021 7:00	0.38	1001004.1	15540355	9.6	21.7	0.81318	2.662670906	3.943956154
9/30/2021 8:00	0	0	0	0	0	0	0	0
9/30/2021 9:00	0	0	0	0	0	0	0	0
9/30/2021 10:00	0	0	0	0	0	0	0	0
9/30/2021 11:00	0.8	850749.1	0	8.1	23.2	0.66192	2.262992606	3.351951454
9/30/2021 12:00	1	2012803.6	49160818	1.8	12.5	1.25358	5.354057576	7.930446184
9/30/2021 13:00	1	2088369.6	51020440	1.9	13	1.30062	5.555063136	8.228176224
9/30/2021 14:00	1	1752846.7	43619003	1.9	10.9	1.0917	4.662572222	6.906215998
9/30/2021 15:00	1	2112573.5	51616593	1.9	13.2	1.31568	5.61944551	8.32353959
9/30/2021 16:00	1	2179064.2	53989514	1.9	13.6	1.35714	5.796310772	8.58512948
9/30/2021 17:00	1	2184145.8	53523039	1.9	13.6	1.36026	5.809827828	8.60534452
9/30/2021 18:00	1	2148508.7	52649743	1.9	13.4	1.33812	5.715033142	8.465124278
9/30/2021 19:00	1	2118183.8	51906624	1.9	13.2	1.31922	5.634368908	8.345644172
9/30/2021 20:00	1	2105012.4	51432712	1.9	13.1	1.311	5.599332984	8.293748856
9/30/2021 21:00	1	2191305.8	53698497	2	13.6	1.36476	5.828873428	8.633744852
9/30/2021 22:00	1	1684513.9	41878395	1.8	10.5	1.0491	4.480806974	6.636984766
9/30/2021 23:00	1	2007672.1	48744517	1.8	12.5	1.2504	5.340407786	7.910228074
10/1/2021 0:00	1	2031586.7	49479426	1.8	12.6	1.26282	5.404020622	8.004451598
10/1/2021 1:00	1	2172069.6	53227109	1.9	13.5	1.35018	5.777705136	8.557954224
10/1/2021 2:00	1	2185435.3	53554638	1.9	13.6	1.35846	5.813257898	8.610615082
10/1/2021 3:00	1	2164071.3	53031109	1.9	13.5	1.3452	5.756429658	8.52640922
10/1/2021 4:00	1	2181678.1	53462566	1.9	13.6	1.35612	5.803263746	8.595811714
10/1/2021 5:00	1	2211052.5	54182393	2	13.7	1.37436	5.88139965	8.711546885
10/1/2021 6:00	1	2000668.9	47082842	1.8	12.4	1.24362	5.321779274	7.882635466
10/1/2021 7:00	0.15	576669.8	6408443	14.9	38.8	0.59742	1.533941668	2.272079012
10/1/2021 8:00	0	0	0	0	0	0	0	0
10/1/2021 9:00	0	0	0	0	0	0	0	0
10/1/2021 10:00	0	0	0	0	0	0	0	0
10/1/2021 11:00	0.8	884109.2	0	8.2	22.9	0.68658	2.351730472	3.483390248
10/1/2021 12:00	1	1727416.4	42533299	1.5	7.2	1.07376	4.594927624	6.806020616
10/1/2021 13:00	1	1199523	33211014	1.9	5	0.74562	3.19073118	4.72612062
10/1/2021 14:00	1	2051008.9	50260487	1.8	12.7	1.27488	5.455683674	8.080975066
10/1/2021 15:00	1	2024554.1	49323811	1.8	12.6	1.25844	5.385313906	7.976743154
10/1/2021 16:00	1	2182209	53310653	1.9	13	1.35648	5.80467594	8.59790346
10/1/2021 17:00	1	2200324.8	53919509	2	9.1	1.3677	5.852863968	8.669279712
10/1/2021 18:00	1	2097547.4	51400923	1.9	8.7	1.30386	5.579476084	8.264336756
10/1/2021 19:00	1	2196176.3	53817850	2	9.1	1.36512	5.841828958	8.652934622
10/1/2021 20:00	1	2192502.5	53727821	2	9.1	1.36284	5.83205665	8.63845985
10/1/2021 21:00	1	2049579.3	50073725	1.8	8.5	1.27404	5.451880938	8.075342442
10/1/2021 22:00	1	2190816.2	53686500	2	13.6	1.36182	5.827571092	8.631815828
10/1/2021 23:00	1	2129369.9	52028662	1.9	8.8	1.3236	5.664123934	8.389717406
10/2/2021 0:00	1	2200420.5	53921854	2	9.1	1.36776	5.85311853	8.66965677
10/2/2021 1:00	1	2189242.9	53647945	1.9	9.1	1.36086	5.823386114	8.625617026
10/2/2021 2:00	1	2204630.1	54025011	2	9.1	1.3704	5.864316066	8.686242594
10/2/2021 3:00	1	2205186.1	54038635	2	9.1	1.37076	5.865795026	8.688433234
10/2/2021 4:00	1	2206947.8	54081807	2	9.1	1.37184	5.870481148	8.695374332
10/2/2021 5:00	1	2212812.7	54225529	2	9.2	1.3755	5.886081782	8.718482038
10/2/2021 6:00	1	1865443.7	43018618	1.7	11.6	1.15956	4.962080242	7.349848178
10/2/2021 7:00	0.15	587198.9	652545	14.2	32.4	0.60834	1.561949074	2.313563666
10/2/2021 8:00	0	0	0	0	0	0	0	0
10/2/2021 9:00	0	0	0	0	0	0	0	0
10/2/2021 10:00	0	0	0	0	0	0	0	0
10/2/2021 11:00	0	0	0	0	0	0	0	0
10/2/2021 12:00	0.8	826540.2	0	8.4	22.5	0.64182	2.198596932	3.256568388
10/2/2021 13:00	1	1689281.6	42497430	1.5	10.5	1.05006	4.493489056	6.655769504
10/2/2021 14:00	1	2057805.1	50282630	1.8	12.8	1.27914	5.473761566	8.107752094
10/2/2021 15:00	1	2107767.1	51651360	1.9	13	1.31016	5.606660486	8.304602374
10/2/2021 16:00	1	2170673.7	53192901	1.9	8.7	1.34928	5.773992042	8.552454378
10/2/2021 17:00	1	2190618.3	53681649	2	9.1	1.3617	5.827044678	8.631036102
10/2/2021 18:00	1	2192260.9	53721902	2	9.1	1.36272	5.831413994	8.637507946
10/2/2021 19:00	1	2190673.1	53682991	1.9	9.1	1.3617	5.827190446	8.631252014
10/2/2021 20:00	1	2187243.4	53598947	1.9	9.1	1.3596	5.818067444	8.617738996
10/2/2021 21:00	1	2187959.7	53616499	1.9	9.1	1.36002	5.819972802	8.620561218
10/2/2021 22:00	1	2184390.8	53529043	1.9	9.1	1.3578	5.810479528	8.606499752
10/2/2021 23:00	1	2183280	53501822	1.9	9	1.35714	5.8075248	8.6021232
10/3/2021 0:00	1	2188694.2	53634498	1.9	9.1	1.3605	5.821926572	8.623455148
10/3/2021 1:00	1	2192746.6	53733804	2	9.1	1.36302	5.832705956	8.639421604
10/3/2021 2:00	1	2191300.2	53698360	2	9.1	1.36212	5.828858532	8.633722788
10/3/2021 3:00	1	2194472.4	53776095	2	9.1	1.3641	5.837296584	8.646221256
10/3/2021 4:00	1	2207202.7	54088053	2	9.1	1.37202	5.871159182	8.696378638
10/3/2021 5:00	1	2209938.3	54155091	2	9.2	1.3737	5.878435878	8.707156902
10/3/2021 6:00	1	1825501.3	42171211	1.7	11.3	1.13472	4.855833458	7.192475122
10/3/2021 7:00	0.15	543423.7	6491908	12.6	34.7	0.56298	1.445507042	2.141089378
10/3/2021 8:00	0	0	0	0	0	0	0	0
10/3/2021 9:00	0	0	0	0	0	0	0	0
10/3/2021 10:00	0	0	0	0	0	0	0	0
10/3/2021 11:00	0.05	15664.6	0	0	0	0.04206	0.041667836	0.061718524
10/3/2021 12:00	1	1133691.9	33773303	8.4	20	0.7047	3.015620454	4.466746086
10/3/2021 13:00	1	2018107	49896338	1.8	12.5	1.25448	5.36816462	7.95134158
10/3/2021 14:00	1	2173103.4	53252443	1.9	9	1.35078	5.780455044	8.562027396
10/3/2021 15:00	1	2093306.2	51296992	1.9	8.7	1.30122	5.568194492	8.247626428
10/3/2021 16:00	1	2175619	53314088	1.9	9.1	1.35234	5.78714654	8.57193886
10/3/2021 17:00	1	2193881.9	53761625	2	13.6	1.36374	5.835725854	8.643894686
10/3/2021 18:00	1	2195661.1	53805224	2	15.9	1.36482	5.840458526	8.650904734
10/3/2021 19:00	1	2194573.1	53778563	2	15.9	1.36416	5.837564446	8.646618014
10/3/2021 20:00	1	2190481.7	53678300	2	15.9	1.36158	5.826681322	8.630497898
10/3/2021 21:00	1	2186444.7	53579373	1.9	15.9	1.35912	5.815942902	8.614592118
10/3/2021 22:00	1	2183						

10/4/2021 2:00	1	1944564.6	47048851	1.7	14.1	1.20876	5.172541836	7.661584524
10/4/2021 3:00	1	1916823.9	46377664	1.7	13.9	1.19148	5.098751574	7.552286166
10/4/2021 4:00	1	2195401.5	53798862	2	15.9	1.36464	5.83976799	8.64988191
10/4/2021 5:00	1	2206553.6	54072148	2	16	1.3716	5.869432576	8.693821184
10/4/2021 6:00	1	2009462.5	48365839	1.8	14.6	1.24908	5.34517025	7.91728225
10/4/2021 7:00	1	2106180	51460777	1.9	15.3	1.3092	5.6024388	8.2983492
10/4/2021 8:00	1	1879079.7	45595699	1.7	13.6	1.16802	4.998352002	7.403574018
10/4/2021 9:00	1	1770977.2	43530526	1.6	12.8	1.10082	4.710799352	6.977650168
10/4/2021 10:00	1	1804053	44477267	1.6	13.1	1.1214	4.79878098	7.10796882
10/4/2021 11:00	1	1975490.2	47947830	1.7	14.3	1.22796	5.254803932	7.783431388
10/4/2021 12:00	1	2176742.1	53341610	1.9	15.8	1.35306	5.790133986	8.576363874
10/4/2021 13:00	1	1962650.2	48226579	1.7	12.2	1.21998	5.220649532	7.732841788
10/4/2021 14:00	1	2159930.8	52929645	1.9	15.7	1.34262	5.745415928	8.510127352
10/4/2021 15:00	1	1961315	47923203	1.7	14.2	1.21914	5.2170979	7.7275811
10/4/2021 16:00	1	2188030.9	53618245	1.9	15.9	1.36008	5.820162194	8.620841746
10/4/2021 17:00	1	2187676.3	53609555	1.9	15.9	1.35984	5.819218958	8.619444622
10/4/2021 18:00	1	2176771.7	53342335	1.9	15.8	1.35306	5.790212722	8.576480498
10/4/2021 19:00	1	2173084.5	53251978	1.9	15.8	1.35078	5.78040477	8.56195293
10/4/2021 20:00	1	2138900.4	52414288	1.9	13.3	1.32954	5.689475064	8.427267576
10/4/2021 21:00	1	2134641.2	52155570	1.9	15.5	1.3269	5.678145592	8.410486328
10/4/2021 22:00	1	1918169.5	46726097	1.7	11.9	1.19232	5.10233087	7.55758783
10/4/2021 23:00	1	2177581.9	53362190	1.9	15.8	1.3536	5.792367854	8.579672686
10/5/2021 0:00	1	2096937.7	51050107	1.8	15.2	1.3029	5.574600282	8.258388538
10/5/2021 1:00	1	2025448	49185802	1.8	14.7	1.25904	5.38769168	7.98026512
10/5/2021 2:00	1	2083102.7	50782877	1.8	15.1	1.29486	5.541053182	8.207424638
10/5/2021 3:00	1	2132484.9	51956380	1.9	15.5	1.32552	5.67240834	8.401990506
10/5/2021 4:00	1	197475.7	53849691	2	15.9	1.36596	5.845285362	8.658054258
10/5/2021 5:00	1	2195614.8	53804089	2	15.9	1.36482	5.840335368	8.650722312
10/5/2021 6:00	1	2197198.4	53831485	2	15.9	1.36578	5.844547744	8.656961696
10/5/2021 7:00	1	2160668.1	52789816	1.9	15.7	1.3431	5.747377146	8.513032314
10/5/2021 8:00	0.4	1150883	17147141	10.1	20.9	0.89424	3.06134878	4.53447902
10/5/2021 9:00	0	0	0	0	0	0	0	0
10/5/2021 10:00	0	0	0	0	0	0	0	0
10/5/2021 11:00	0	0	0	0	0	0	0	0
10/5/2021 12:00	0	0	0	0	0	0	0	0
10/5/2021 13:00	0.8	833954.5	0	8.3	21.6	0.64758	2.21831897	3.28578073
10/5/2021 14:00	1	1237210.2	33545201	1.2	5.1	0.76902	3.290979132	4.874608188
10/5/2021 15:00	1	1254965.8	33758378	1.2	7.8	0.78006	3.338209028	4.944565252
10/5/2021 16:00	1	1513636.2	39321059	1.7	9.4	0.94086	4.026272292	5.963726628
10/5/2021 17:00	1	2180345.1	53429902	1.9	13.6	1.35528	5.799717966	8.590559694
10/5/2021 18:00	1	2196320.6	53821386	2	9.1	1.36524	5.842212796	8.653503164
10/5/2021 19:00	1	2059996	50480716	1.8	8.5	1.28052	5.47958936	8.11638424
10/5/2021 20:00	1	2187337.8	53601259	1.9	13.6	1.35966	5.818318548	8.618110932
10/5/2021 21:00	1	2145929.4	52430540	1.9	8.9	1.33392	5.708172204	8.454961836
10/5/2021 22:00	1	1976445.3	47982124	1.7	8.2	1.22856	5.257344498	7.787194482
10/5/2021 23:00	1	2182449.5	53481471	1.9	13.6	1.3566	5.80531567	8.59885103
10/6/2021 0:00	1	1931722.5	46738137	1.7	8	1.20078	5.13838185	7.61098665
10/6/2021 1:00	1	1943915.5	47033145	1.7	8.1	1.20834	5.17081523	7.65902707
10/6/2021 2:00	1	1908645.5	46179786	1.7	7.9	1.18644	5.07699703	7.52006327
10/6/2021 3:00	1	1956219.4	47330841	1.7	8.1	1.21596	5.203543604	7.707504436
10/6/2021 4:00	1	2053517.4	50018829	1.8	12.8	1.27644	5.462356284	8.090858556
10/6/2021 5:00	1	2201182.6	53940529	2	9.1	1.36824	5.855145716	8.672659444
10/6/2021 6:00	1	2032690.4	47989465	1.8	12.6	1.26354	5.406956464	8.008800176
10/6/2021 7:00	1	1845355.7	45062683	1.6	7.6	1.14708	4.908646162	7.270701458
10/6/2021 8:00	1	1661505	41326762	1.5	10.3	1.03278	4.4196033	6.5463297
10/6/2021 9:00	1	1852503.3	45100959	1.6	7.7	1.15152	4.927658778	7.298863002
10/6/2021 10:00	1	1846453	44675036	1.6	7.7	1.14774	4.91156498	7.27502482
10/6/2021 11:00	1	1739376.7	0	26.6	10.8	1.0812	4.626742022	6.853144198
10/6/2021 12:00	1	1935317	0	29.6	12	1.203	5.14794322	7.62514898
10/6/2021 13:00	1	2016938.6	0	30.8	12.5	1.2537	5.365056676	7.946738084
10/6/2021 14:00	1	1912789.6	47000036	1.7	7.9	1.18902	5.088020336	7.536391024
10/6/2021 15:00	1	2007730.6	49050113	1.8	12.5	1.248	5.340563396	7.910458564
10/6/2021 16:00	1	2173801.8	53269557	1.9	13.5	1.35126	5.782312788	8.564779092
10/6/2021 17:00	1	2191966.8	53714694	1.9	9.1	1.36254	5.830631688	8.636349192
10/6/2021 18:00	1	2194509.6	53770006	2	9.1	1.3641	5.837395336	8.646367824
10/6/2021 19:00	1	2196134.8	53816832	2	9.1	1.36512	5.841718568	8.652771112
10/6/2021 20:00	1	2192883.7	53737164	2	9.1	1.36308	5.833070642	8.639961778
10/6/2021 21:00	1	2195951.1	53812331	2	9.1	1.365	5.841229926	8.652047334
10/6/2021 22:00	1	2089013.6	51042821	1.9	8.7	1.29852	5.556776176	8.230713584
10/6/2021 23:00	1	2116867.6	51716875	1.9	8.8	1.31586	5.630867816	8.340458344
10/7/2021 0:00	1	2195116.4	53791877	2	13.6	1.36446	5.839009624	8.648758616
10/7/2021 1:00	1	1936449.5	46852506	1.7	8	1.20372	5.15095567	7.62961103
10/7/2021 2:00	1	2151816.2	52575699	1.9	9.4	1.33758	5.723831092	8.478155528
10/7/2021 3:00	1	2169432.3	53004224	1.9	9	1.3485	5.770689918	8.547563262
10/7/2021 4:00	1	2113010.8	54230382	2	9.2	1.37562	5.886608728	8.719262552
10/7/2021 5:00	1	2202817.7	53980599	2	9.1	1.36926	5.859495082	8.679101738
10/7/2021 6:00	1	2204431	54024863	2	13.7	1.37028	5.86378646	8.68545814
10/7/2021 7:00	1	2205100.2	54036532	2	16	1.3707	5.865566532	8.688094788
10/7/2021 8:00	1	2041293.9	49722711	1.8	14.8	1.26888	5.429841774	8.042697966
10/7/2021 9:00	1	1891757.9	46217825	1.7	13.7	1.17594	5.032076014	7.453526126
10/7/2021 10:00	1	1706376.3	42141565	1.8	12.4	1.06068	4.538960958	6.723122622
10/7/2021 11:00	1	1879434.2	45750216	1.7	13.6	1.16826	4.999294972	7.404970748
10/7/2021 12:00	1	1916985	46381562	1.7	13.9	1.1916	5.0991801	7.5529209
10/7/2021 13:00	1	1893656.1	46594526	1.7	13.7	1.17708	5.037125226	7.461005034
10/7/2021 14:00	1	1915086.9	46597321	1.7	13.9	1.1904	5.094131154	7.545442386
10/7/2021 15:00	1	2027922.8	49390476	1.8	14.7	1.26054	5.394274648	7.990015832
10/7/2021 16:00	1	2148327.3	52493569	1.9	15.6	1.33542	5.714550618	8.464409562
10/7/2021 17:00	1	2210407.9	54166597	2	16	1.374	5.879685014	8.709007126
10/7/2021 18:00	1	2209430.3	54142641	2	16	1.3734	5.877084598	8.705155382
10/7/2021 19:00	1	2208117.4	54110470	2	16	1.37256	5.873592284	8.699982556
10/7/2021 20:00	1	2207375.8	54092295	2	16	1.37208	5.871619628	8.697060652
10/7/2021 21:00	1	2204022.6	54010124	2	16	1.37004	5.862700116	8.683849044
10/7/2021 22:00	1	2109495.6	51383099	1.9	15.3	1.31124	5.611258296	8.311412664
10/7/2021 23:00	1	2216490.9	54315664	2	16.1	1.37778	5.895865794	8.732974146
10/8/2021 0:00	1	2098606	51426865	1.9	15.2	1.30452	5.58229196	8.26850764
10/8/2021 1:00	1	2048744	49792723	1.8	14.9	1.2735	5.44965904	8.07205136
10/8/2021 2:00	1	1933247.6	46775036	1.7	14	1.20168	5.142438616	7.616995544
10/8/2021 3:00	1	2217217.3	54333463	2	16.1	1.3782	5.897798018	8.73583162
10/8/2021 4:00	1	2220880.7	54242327	2	16.1	1.38048	5.907542662	8.750269958
10/8/2021 5:00	1	2220269.3	54408253	2	16.1	1.38012	5.905916338	8.747861042
10/8/2021 6:00	1	2222516.4	54465155	2	18.4	1.3815	5.911893624	8.756714616
10/8/2021 7:00	1	2217940.2	54351180	2	16.1	1.37868	5.899720932	8.738684388
10/8/2021 8:00	1	1937078	47321766	1.7	14	1.20408	5.15262748	7.63208732
10/8/2021 9:00	1	1678900.8	41799398	1.8	12.2	1.04358	4.465876128	6.614869152
10/8/2021 10:00	1	1982676.3	48281117	1.8	14.4	1.23246	5.273918958	7.811744622
10/8/2021 11:00	1	1530449.4	39857181	2.3	11.1	0.9513	4.070995404	6.029970636
10/8/2021 12:00	1	1152513.7	32395965	1.4	8.4	0.7164	3.065686442	4.540903978
10/8/2021 13:00	1	1175724.6	32798289	1.4	8.5	0.7308	3.12742	

10/8/2021 22:00	1	2046507.3	49841750	1.8	14.8	1.27212	5.443709418	8.063238762
10/8/2021 23:00	1	1956648	47927004	1.7	14.2	1.21626	5.20468368	7.70919312
10/9/2021 0:00	1	2024837.8	49314225	1.8	14.7	1.25862	5.386068548	7.977860932
10/9/2021 1:00	1	2220432.4	54412252	2	16.1	1.38024	5.906350184	8.748503656
10/9/2021 2:00	1	2225006.9	54524351	2	16.1	1.38306	5.918518354	8.766527186
10/9/2021 3:00	1	2224407.6	54509665	2	16.1	1.3827	5.916924216	8.764165944
10/9/2021 4:00	1	2225366.2	54533154	2	16.1	1.3833	5.919474092	8.767942828
10/9/2021 5:00	1	2227420.8	54583503	2	16.2	1.38456	5.924939328	8.776037952
10/9/2021 6:00	1	1892965.6	42894432	28.9	11.8	1.17666	5.035288496	7.458284464
10/9/2021 7:00	0.38	904649.6	0	18	11	0.7335	2.406367936	3.564319424
10/9/2021 8:00	0	0	0	0	0	0	0	0
10/9/2021 9:00	0	0	0	0	0	0	0	0
10/9/2021 10:00	0	0	0	0	0	0	0	0
10/9/2021 11:00	0	0	0	0	0	0	0	0
10/9/2021 12:00	0	0	0	0	0	0	0	0
10/9/2021 13:00	0	0	0	0	0	0	0	0
10/9/2021 14:00	0.3	440774.4	0	17.3	56.1	0.4551	1.172459904	1.736651136
10/9/2021 15:00	1	1276628.2	34607143	1.2	5.3	0.79356	3.395831012	5.029915108
10/9/2021 16:00	1	2102391.9	51519640	1.9	15.2	1.30686	5.592362454	8.283424086
10/9/2021 17:00	1	2203522.4	53997867	2	16	1.36968	5.861369584	8.681878256
10/9/2021 18:00	1	2215422.6	54289485	2	16.1	1.37712	5.893024116	8.728765044
10/9/2021 19:00	1	1831462.1	44449778	1.6	13.3	1.13844	4.871689186	7.215960574
10/9/2021 20:00	1	2200975.2	53935447	2	16	1.36812	5.854594032	8.671819428
10/9/2021 21:00	1	2022805.7	49560359	1.8	12.6	1.25736	5.380663162	7.969954458
10/9/2021 22:00	1	2047951.4	49875701	1.8	14.9	1.27302	5.447550724	8.068928516
10/9/2021 23:00	1	2203218.2	53990413	2	16	1.3695	5.860560412	8.680679708
10/10/2021 0:00	1	2200328.5	53919600	2	16	1.3677	5.85287381	8.66929429
10/10/2021 1:00	1	2203549.7	53998536	2	16	1.36974	5.861442202	8.681985818
10/10/2021 2:00	1	2208962.9	54131188	2	16	1.3731	5.875841314	8.703313826
10/10/2021 3:00	1	2209447.7	54143068	2	16	1.3734	5.877130882	8.705223938
10/10/2021 4:00	1	2215542.3	54292417	2	16.1	1.37718	5.893342518	8.729236662
10/10/2021 5:00	1	2180833.6	53441871	1.9	15.8	1.35558	5.801017376	8.592484384
10/10/2021 6:00	1	1733506	41307221	3.6	10.8	1.07754	4.61112596	6.83001364
10/10/2021 7:00	0.13	443311	6052492	13.4	36.2	0.51666	1.179207026	1.74664534
10/10/2021 8:00	0	0	0	0	0	0	0	0
10/10/2021 9:00	0	0	0	0	0	0	0	0
10/10/2021 10:00	0	0	0	0	0	0	0	0
10/10/2021 11:00	0	0	0	0	0	0	0	0
10/10/2021 12:00	0	0	0	0	0	0	0	0
10/10/2021 13:00	0	0	0	0	0	0	0	0
10/10/2021 14:00	0.05	19006.2	0	0	0.1	0.04866	0.050556492	0.074884428
10/10/2021 15:00	1	1180944.8	34413789	9.8	20.8	0.7341	3.141313168	4.652922512
10/10/2021 16:00	1	2081339.7	51003749	1.9	15.1	1.29378	5.536363602	8.200478418
10/10/2021 17:00	1	2175893.4	53320812	1.9	15.8	1.35252	5.787876444	8.573019996
10/10/2021 18:00	1	2090815.4	51081270	1.9	15.2	1.29966	5.561568964	8.237812676
10/10/2021 19:00	1	2199480.1	53898810	2	16	1.36722	5.850617066	8.665951594
10/10/2021 20:00	1	2201694.4	53953072	2	16	1.3686	5.856507104	8.674675936
10/10/2021 21:00	1	2203884.8	54006748	2	16	1.36992	5.862333568	8.683306112
10/10/2021 22:00	1	2197684.8	53854816	2	15.9	1.36608	5.845841568	8.658878112
10/10/2021 23:00	1	1953265.4	47259367	1.7	14.2	1.21416	5.195685964	7.695865676
10/11/2021 0:00	1	1971559.9	47702005	1.7	14.3	1.2255	5.244349334	7.767946006
10/11/2021 1:00	1	2015186.1	48924925	1.8	14.6	1.25262	5.360395026	7.939833234
10/11/2021 2:00	1	1982373.6	47963643	1.7	14.4	1.23222	5.273113776	7.810551984
10/11/2021 3:00	1	2197582.7	53852313	2	15.9	1.36602	5.845569982	8.658475838
10/11/2021 4:00	1	2204998.9	54034050	2	16	1.37064	5.865297074	8.687695666
10/11/2021 5:00	1	2204749.7	54027942	2	16	1.37046	5.864634202	8.686713818
10/11/2021 6:00	1	1955928.8	46630344	1.8	14.2	1.21578	5.202770608	7.706359472
10/11/2021 7:00	0.15	526624.5	6912129	13	34.6	0.54558	1.40082117	2.07490053
10/11/2021 8:00	0	0	0	0	0	0	0	0
10/11/2021 9:00	0	0	0	0	0	0	0	0
10/11/2021 10:00	0	0	0	0	0	0	0	0
10/11/2021 11:00	0	0	0	0	0	0	0	0
10/11/2021 12:00	0	0	0	0	0	0	0	0
10/11/2021 13:00	0	0	0	0	0	0	0	0
10/11/2021 14:00	0	0	0	0	0	0	0	0
10/11/2021 15:00	0.8	934942.6	0	9.3	24.2	0.72576	2.486947316	3.683673844
10/11/2021 16:00	1	2085849.2	51114256	1.9	15.1	1.29654	5.548358872	8.218245848
10/11/2021 17:00	1	2182692.4	53487424	1.9	15.8	1.35678	5.805961784	8.599808056
10/11/2021 18:00	1	2169677.2	53168482	1.9	15.7	1.34868	5.771341352	8.548528168
10/11/2021 19:00	1	2202954.2	53983944	2	16	1.36938	5.859858172	8.679639548
10/11/2021 20:00	1	2214294.4	54261838	2	16.1	1.3764	5.890023104	8.724319936
10/11/2021 21:00	1	2214052.4	54255908	2	16.1	1.37628	5.889379384	8.723366456
10/11/2021 22:00	1	2138077.3	52394119	1.9	13.3	1.32906	5.687285618	8.424024562
10/11/2021 23:00	1	1960856.2	47443026	1.7	14.2	1.2189	5.215877492	7.725773428
10/12/2021 0:00	1	1905625.3	46106712	1.7	13.8	1.18452	5.068963298	7.508163682
10/12/2021 1:00	1	1956474.7	47337018	1.7	14.2	1.21614	5.204222702	7.708510318
10/12/2021 2:00	1	1741665.4	42767185	1.6	12.6	1.08264	4.632829964	6.862161676
10/12/2021 3:00	1	1964951.1	47542104	1.7	14.2	1.22142	5.226769926	7.741907334
10/12/2021 4:00	1	2092327.9	50968407	1.8	15.2	1.30062	5.565592214	8.243771926
10/12/2021 5:00	1	2221658.4	54442295	2	16.1	1.38096	5.909611344	8.75334096
10/12/2021 6:00	1	1893689.2	46538364	1.7	13.7	1.17714	5.037213272	7.461135448
10/12/2021 7:00	0.4	1104510.6	16785232	9.9	28.6	0.85818	2.937998196	4.351771764
10/12/2021 8:00	0	0	0	0	0	0	0	0
10/12/2021 9:00	0	0	0	0	0	0	0	0
10/12/2021 10:00	0	0	0	0	0	0	0	0
10/12/2021 11:00	0	0	0	0	0	0	0	0
10/12/2021 12:00	0	0	0	0	0	0	0	0
10/12/2021 13:00	0	0	0	0	0	0	0	0
10/12/2021 14:00	0	0	0	0	0	0	0	0
10/12/2021 15:00	0.8	922345.5	0	9.2	27.4	0.71598	2.45343903	3.63404127
10/12/2021 16:00	1	2090987	51240158	1.9	13	1.29978	5.56202542	8.23848878
10/12/2021 17:00	1	2201954.1	53959437	2	13.7	1.36872	5.857197906	8.675699154
10/12/2021 18:00	1	2199295.1	53894276	2	15.9	1.3671	5.850124966	8.665222694
10/12/2021 19:00	1	2205203.6	54039066	2	16	1.37076	5.865841576	8.688502184
10/12/2021 20:00	1	2206212.9	54063798	2	16	1.37136	5.868526314	8.692478826
10/12/2021 21:00	1	2119243.6	51618558	1.9	13.2	1.3173	5.637187976	8.349819784
10/12/2021 22:00	1	2214166.8	54258712	2	16.1	1.37634	5.889683688	8.723817192
10/12/2021 23:00	1	2030734.5	49763656	1.8	12.6	1.26228	5.40175377	8.00109393
10/13/2021 0:00	1	2218984	54376757	2	16.1	1.37934	5.90249744	8.74279696
10/13/2021 1:00	1	2216051.1	54304886	2	16.1	1.37748	5.894695926	8.731241334
10/13/2021 2:00	1	2219133.8	54380428	2	16.1	1.3794	5.902895908	8.743387172
10/13/2021 3:00	1	2219961.6	54400714	2	16.1	1.37994	5.905097856	8.746648704
10/13/2021 4:00	1	2222816.3	54470669	2	16.1	1.38168	5.912691358	8.757896222
10/13/2021 5:00	1	2224452.7	54510769	2	16.1	1.3827	5.917044182	8.764343638
10/13/2021 6:00	1	2202262.3	53966988	2	18.3	1.3689	5.858017718	8.676913462
10/13/2021 7:00	1	1785805.5	43894195	1.6	13	1.11006	4.75024263	7.03607367
10/13/2021 8:00	0.9	1305041.1	35910619	5.7	16.5	0.90138	3.471409326	5.141861934
10/13/2021 9:00	0	0	0	0	0	0	0	0
10/13/2021 10:00	0	0	0	0	0	0	0	0
10/13/2021 11:00	0	0	0	0	0	0	0	0
10/13/2021 12:00	0	0	0	0	0	0	0	0
10/13/2021 13:00	0	0	0	0	0	0	0	0
10/13/2021 14:00	0.05	17387.4	0	0	0	0.0459	0.046250484	0.068506356
10/13/2021 15:00	1	1154174.6	34170614	9	22.7	0.71742	3.070104436	4.547447924
10/13/2021 16:00	1	1827289.8	46020761	1.7	11.4	1.13586	4.860590868	7.199521812
10/13/2021 17:00	1	2213863	54251265	2	16.1	1.37616	5.88887558	8.72262022

10/13/2021 18:00	1	2204256.4	54015853	2	16	1.37016	5.863322024	8.684770216
10/13/2021 19:00	1	2212918.4	54228120	2	16	1.37556	5.886326294	8.718898496
10/13/2021 20:00	1	2219510.3	54389654	2	16.1	1.37964	5.903897398	8.744870582
10/13/2021 21:00	1	2217453.7	54339258	2	16.1	1.37838	5.898426842	8.736767578
10/13/2021 22:00	1	2212528.4	54218561	2	16	1.37532	5.885325544	8.717361896
10/13/2021 23:00	1	1925052.2	46576747	1.7	12	1.19664	5.120638852	7.584705668
10/14/2021 0:00	1	1924905.9	46573208	1.7	14	1.19652	5.120249694	7.584129246
10/14/2021 1:00	1	1938508.9	46902333	1.7	14.1	1.20498	5.156433674	7.637250666
10/14/2021 2:00	1	1936475.5	46853136	1.7	14	1.20372	5.15102483	7.62971347
10/14/2021 3:00	1	2088487.7	50875626	1.8	15.1	1.29822	5.555377282	8.228641538
10/14/2021 4:00	1	2161647.2	52195957	1.9	15.7	1.3437	5.749981552	8.516889968
10/14/2021 5:00	1	2104161.3	51414300	1.9	15.3	1.30794	5.597069058	8.290395522
10/14/2021 6:00	1	1854744.9	45450987	1.7	11.5	1.1529	4.933621434	7.307694906
10/14/2021 7:00	1	1840794.2	45244417	1.6	13.3	1.14426	4.896512572	7.252729148
10/14/2021 8:00	0.4	1013959.9	15814443	9.2	23.6	0.78786	2.697133334	3.995002006
10/14/2021 9:00	0	0	0	0	0	0	0	0
10/14/2021 10:00	0	0	0	0	0	0	0	0
10/14/2021 11:00	0	0	0	0	0	0	0	0
10/14/2021 12:00	0	0	0	0	0	0	0	0
10/14/2021 13:00	0	0	0	0	0	0	0	0
10/14/2021 14:00	0.8	827964	0	8.4	23.6	0.6429	2.20238424	3.26217816
10/14/2021 15:00	1	1997225.5	49008740	1.8	14.4	1.2303	5.26473983	7.79814847
10/14/2021 16:00	1	2113720.8	51652395	1.9	15.3	1.31388	5.622497328	8.328059852
10/14/2021 17:00	1	2211128.5	54184256	2	16	1.37442	5.88160181	8.71184629
10/14/2021 18:00	1	2205865.9	54055296	2	16	1.37118	5.867603294	8.691111646
10/14/2021 19:00	1	2151240.6	52563233	1.9	15.6	1.33722	5.722290996	8.475887964
10/14/2021 20:00	1	2204854	54030498	2	16	1.37052	5.86491164	8.68712476
10/14/2021 21:00	1	2219160.6	54381085	2	16.1	1.3794	5.902967196	8.743492764
10/14/2021 22:00	1	2078817.1	50640760	1.9	15.1	1.29222	5.529653486	8.190539374
10/14/2021 23:00	1	1948371.7	47140963	1.7	14.1	1.2111	5.18268722	7.676584498
10/15/2021 0:00	1	1949960.9	47179414	1.7	14.1	1.21212	5.186895994	7.682845946
10/15/2021 1:00	1	1954171.3	47281286	1.7	14.2	1.2147	5.198095658	7.699434922
10/15/2021 2:00	1	1960704.1	47439348	1.7	14.2	1.21878	5.215472906	7.725174154
10/15/2021 3:00	1	1959336.6	47406260	1.7	14.2	1.21794	5.211835356	7.719786204
10/15/2021 4:00	1	1990935.7	48170802	1.8	14.4	1.23756	5.29588962	7.844286658
10/15/2021 5:00	1	2188173.1	53461362	1.9	15.9	1.36014	5.820540446	8.621402014
10/15/2021 6:00	1	2158284.4	52564408	1.9	17.9	1.3416	5.741036504	8.503640536
10/15/2021 7:00	1	1773584.9	43432280	1.6	12.9	1.10244	4.717735834	6.987924506
10/15/2021 8:00	0.4	1028988.2	15832123	9.4	24	0.7995	2.737108612	4.054213508
10/15/2021 9:00	0	0	0	0	0	0	0	0
10/15/2021 10:00	0	0	0	0	0	0	0	0
10/15/2021 11:00	0	0	0	0	0	0	0	0
10/15/2021 12:00	0	0	0	0	0	0	0	0
10/15/2021 13:00	0	0	0	0	0	0	0	0
10/15/2021 14:00	0.8	839383	0	8.1	25	0.65136	2.23275878	3.30716902
10/15/2021 15:00	1	1499758.8	39380807	1.4	10.9	0.93228	3.989358408	5.909049672
10/15/2021 16:00	1	2135306.5	52174728	1.9	15.5	1.32732	5.67991529	8.41310761
10/15/2021 17:00	1	2197292	53845189	2	15.9	1.36584	5.84479672	8.65733048
10/15/2021 18:00	1	2209668.1	54148469	2	16	1.37352	5.877717146	8.706092314
10/15/2021 19:00	1	2213791.8	54249522	2	16.1	1.3761	5.888686188	8.722339692
10/15/2021 20:00	1	2213253.5	54236329	2	16.1	1.37574	5.88725431	8.72021879
10/15/2021 21:00	1	2217790.4	54347507	2	16.1	1.37856	5.899322464	8.738094176
10/15/2021 22:00	1	2221510.6	54438673	2	16.1	1.3809	5.909218196	8.752751764
10/15/2021 23:00	1	2219808.2	54396954	2	16.1	1.37982	5.904689812	8.746044308
10/16/2021 0:00	1	2219728	54394990	2	16.1	1.37976	5.90447648	8.74572832
10/16/2021 1:00	1	2220470.4	54413181	2	16.1	1.38024	5.906451264	8.748653376
10/16/2021 2:00	1	2199149.5	53890708	2	15.9	1.36698	5.84973767	8.66464903
10/16/2021 3:00	1	2224515.4	54512305	2	16.1	1.38276	5.917210964	8.764590676
10/16/2021 4:00	1	2223971.9	54498986	2	16.1	1.3824	5.915765254	8.762449286
10/16/2021 5:00	1	2221837.8	54446691	2	16.1	1.38108	5.910088548	8.754040932
10/16/2021 6:00	1	1937317.9	47331682	1.7	14	1.20426	5.153266614	7.633032526
10/16/2021 7:00	0.4	1100328.2	16809132	9.8	25.6	0.85494	2.926873012	4.335293108
10/16/2021 8:00	0	0	0	0	0	0	0	0
10/16/2021 9:00	0	0	0	0	0	0	0	0
10/16/2021 10:00	0	0	0	0	0	0	0	0
10/16/2021 11:00	0	0	0	0	0	0	0	0
10/16/2021 12:00	0	0	0	0	0	0	0	0
10/16/2021 13:00	0	0	0	0	0	0	0	0
10/16/2021 14:00	0.8	849309.1	0	9	24.2	0.65892	2.259162206	3.346277854
10/16/2021 15:00	1	2014571.7	49911076	1.8	14.6	1.25226	5.358760722	7.937412498
10/16/2021 16:00	1	2174838.3	53294956	1.9	15.8	1.35186	5.785069878	8.568862902
10/16/2021 17:00	1	2202722.1	53978255	2	16	1.3692	5.859240786	8.678725074
10/16/2021 18:00	1	2201503.1	53943482	2	16	1.3683	5.855466246	8.673134214
10/16/2021 19:00	1	1914355.6	46604085	1.7	13.9	1.18998	5.092185896	7.542561064
10/16/2021 20:00	1	2195336.2	53797261	2	15.9	1.36464	5.839594292	8.649624628
10/16/2021 21:00	1	2197687.4	53854879	2	15.9	1.36608	5.845848484	8.658888356
10/16/2021 22:00	1	1914164.2	46475434	1.7	13.9	1.18986	5.091676772	7.541806948
10/16/2021 23:00	1	2003507.5	48642683	1.8	14.5	1.24526	5.32932995	7.89381955
10/17/2021 0:00	1	1944887.6	47056667	1.7	14.1	1.20894	5.173401016	7.662857144
10/17/2021 1:00	1	1944275.3	47041850	1.7	14.1	1.20858	5.171722298	7.66044682
10/17/2021 2:00	1	1944202.9	47040099	1.7	14.1	1.20852	5.171579714	7.660159426
10/17/2021 3:00	1	1946573.5	47097456	1.7	14.1	1.20996	5.17788551	7.66949959
10/17/2021 4:00	1	2078318.2	50456035	1.8	15.1	1.29186	5.528326412	8.188573708
10/17/2021 5:00	1	2097134.3	51075484	1.9	15.2	1.30356	5.578377238	8.262709142
10/17/2021 6:00	1	1926272.9	47030271	1.7	14	1.19736	5.123885914	7.589515226
10/17/2021 7:00	1	1825920.3	45147597	2.3	13.2	1.13502	4.856947998	7.194125982
10/17/2021 8:00	0.38	935024.1	15243880	8.5	20.2	0.7581	2.487164106	3.683994954
10/17/2021 9:00	0	0	0	0	0	0	0	0
10/17/2021 10:00	0	0	0	0	0	0	0	0
10/17/2021 11:00	0	0	0	0	0	0	0	0
10/17/2021 12:00	0	0	0	0	0	0	0	0
10/17/2021 13:00	0	0	0	0	0	0	0	0
10/17/2021 14:00	0.8	858431.5	0	8.3	24.4	0.66618	2.28342779	3.38222011
10/17/2021 15:00	1	1965190.3	48559100	2.1	14.3	1.22154	5.227406198	7.742849782
10/17/2021 16:00	1	2036773.2	49755091	1.8	14.8	1.26606	5.417816712	8.024886408
10/17/2021 17:00	1	2181204.4	53286557	1.9	14.8	1.35582	5.802003704	8.593945336
10/17/2021 18:00	1	2003411.2	48642231	1.5	15.5	1.2453	5.329073792	7.893440128
10/17/2021 19:00	1	2051487.4	49964286	1.8	14.9	1.27518	5.456956484	8.082860356
10/17/2021 20:00	1	1930856.1	46717172	1.7	14	1.20024	5.136077226	7.607573034
10/17/2021 21:00	1	1913197.1	46289912	1.7	13.9	1.18926	5.089104286	7.537996574
10/17/2021 22:00	1	1730678.9	41996910	1.5	12.6	1.0758	4.603605874	6.818874866
10/17/2021 23:00	1	1450664	36804025	1.9	10.5	0.90174	3.85876624	5.71561616
10/18/2021 0:00	1	1388879.6	36292751	1.3	8.6	0.86334	3.694419736	5.472185624
10/18/2021 1:00	1	1272593.1	34367403	1.2	7.9	0.79104	3.385097646	5.014016814
10/18/2021 2:00	1	1370312.2	35394969	1.3	8.5	0.85176	3.645030452	5.399030068
10/18/2021 3:00	1	1739620.2	49039066	1.6	12.6	1.08132	4.627389732	6.854103588
10/18/2021 4:00	1	2074245.2	50523593	1.8	15	1.28934	5.51749232	8.172526088
10/18/2021 5:00	1	2147555.2	52473136	1.9	15.6	1.33494	5.712496832	8.461367488
10/18/2021 6:00	1	2075382.3	50857763	1.8	15.1	1.29006	5.520516918	8.177006262
10/18/2021 7:00	0.17	640478.8	6653355	15.6	37.8	0.59718	1.703673608	2.523486472
10/18/2021 8:00	0	0	0	0	0	0	0	0
10/18/2021 9:00	0	0	0	0	0	0	0	0
10/18/2021 10:00	0	0	0	0	0	0	0	0
10/18/2021 11:00	0	0	0	0	0	0	0	0
10/18/2021 12:00	0	0						

10/18/2021 14:00	0.3	431717.5	0	17.6	57	0.44454	1.14836855	1.70096695
10/18/2021 15:00	1	1256439.7	33948583	1.7	5.2	0.78102	3.342129602	4.950372418
10/18/2021 16:00	1	1447481.4	38268088	1.4	10.5	0.89976	3.850300524	5.703076716
10/18/2021 17:00	1	2069758.3	50719945	1.8	15	1.28658	5.505557078	8.154847702
10/18/2021 18:00	1	1897518	45910555	1.7	13.8	1.17948	5.04739788	7.47622092
10/18/2021 19:00	1	1942793.2	47005992	1.7	14.1	1.20762	5.167829912	7.654605208
10/18/2021 20:00	1	2069459.9	50412578	1.8	15	1.2864	5.504763334	8.153672006
10/18/2021 21:00	1	1662697.4	41157425	1.5	12.1	1.03356	4.422775084	6.551027756
10/18/2021 22:00	1	1560089.7	39174113	1.7	11.3	0.96978	4.149838602	6.146753418
10/18/2021 23:00	1	2207962.7	54106677	2	16	1.37244	5.873180782	8.699373038
10/19/2021 0:00	1	2214442.2	54265460	2	16.1	1.37652	5.890416252	8.724902268
10/19/2021 1:00	1	2207831	54103450	2	16	1.37238	5.87283046	8.69885414
10/19/2021 2:00	1	2203393.4	53994707	2	16	1.36962	5.861026444	8.681369996
10/19/2021 3:00	1	2201331.9	53944188	2	16	1.36836	5.855542854	8.673247686
10/19/2021 4:00	1	2207451.7	54094156	2	16	1.37214	5.871821522	8.697359698
10/19/2021 5:00	1	2209213.5	54137330	2	16	1.37322	5.87650791	8.70430119
10/19/2021 6:00	1	2207306.7	54049928	2	18.3	1.37208	5.871435822	8.696788398
10/19/2021 7:00	1	1788420.3	43955197	1.6	13	1.11168	4.757197998	7.046375982
10/19/2021 8:00	0.63	936211.8	22254960	6.6	14.9	0.68916	2.490323388	3.688674492
10/19/2021 9:00	0	0	0	0	0	0	0	0
10/19/2021 10:00	0	0	0	0	0	0	0	0
10/19/2021 11:00	0	0	0	0	0	0	0	0
10/19/2021 12:00	0	0	0	0	0	0	0	0
10/19/2021 13:00	0	0	0	0	0	0	0	0
10/19/2021 14:00	0.78	830931.6	0	9	28.5	0.65814	2.208841656	3.271742904
10/19/2021 15:00	1	1984207.8	48733479	1.8	14.4	1.23336	5.277992748	7.817778732
10/19/2021 16:00	1	2214984	54287836	2	16.1	1.37682	5.89185744	8.72703696
10/19/2021 17:00	1	2215285.9	54286135	2	16.1	1.377	5.892660494	8.72826446
10/19/2021 18:00	1	2211592.3	54195621	2	16	1.37472	5.882835518	8.713673662
10/19/2021 19:00	1	2212204.6	54210626	2	16	1.37508	5.884464236	8.716086124
10/19/2021 20:00	1	2210290.3	54163716	2	16	1.37394	5.879372198	8.708543782
10/19/2021 21:00	1	1995070	48589878	1.8	14.5	1.24014	5.3068862	7.8605758
10/19/2021 22:00	1	2210041.3	54157615	2	16	1.37376	5.878709858	8.707562722
10/19/2021 23:00	1	2215970.1	54302900	2	16.1	1.37742	5.894480466	8.730922194
10/20/2021 0:00	1	2217791.7	54347540	2	16.1	1.37856	5.899325922	8.738099298
10/20/2021 1:00	1	2205215.6	54039360	2	16.1	1.37076	5.865873496	8.688549464
10/20/2021 2:00	1	2214774.9	54273613	2	16.1	1.3767	5.891301234	8.726213106
10/20/2021 3:00	1	2215422	54289469	2	16.1	1.37712	5.89302252	8.72876268
10/20/2021 4:00	1	2201437.5	53946776	2	16	1.36842	5.85582375	8.67366375
10/20/2021 5:00	1	2209021.9	54132635	2	16	1.3731	5.875998254	8.703546286
10/20/2021 6:00	1	2199741.2	53878001	2	18.2	1.36734	5.851311592	8.666980328
10/20/2021 7:00	1	2014066.5	48891391	1.8	14.6	1.25196	5.35741689	7.93542201
10/20/2021 8:00	0.38	1092534.2	16478000	10.8	25.1	0.88578	2.906140972	4.304584748
10/20/2021 9:00	0	0	0	0	0	0	0	0
10/20/2021 10:00	0	0	0	0	0	0	0	0
10/20/2021 11:00	0	0	0	0	0	0	0	0
10/20/2021 12:00	0	0	0	0	0	0	0	0
10/20/2021 13:00	0	0	0	0	0	0	0	0
10/20/2021 14:00	0.78	834654	0	8.8	26.5	0.6615	2.22017964	3.28853676
10/20/2021 15:00	1	2017512.3	49288440	1.8	14.6	1.25406	5.366582718	7.948998462
10/20/2021 16:00	1	2216545.1	54316993	2	16.1	1.37778	5.896009966	8.733187694
10/20/2021 17:00	1	2215057.3	54280534	2	16.1	1.37688	5.892052418	8.727325762
10/20/2021 18:00	1	2215849.3	54299942	2	16.1	1.37736	5.894159138	8.730446242
10/20/2021 19:00	1	2218037.9	54353574	2	16.1	1.37874	5.899980814	8.739069326
10/20/2021 20:00	1	2216623.4	54318910	2	16.1	1.37784	5.896218244	8.733496196
10/20/2021 21:00	1	2208269	54114184	2	16	1.37268	5.87399554	8.70057986
10/20/2021 22:00	1	2052534.1	49985830	1.8	14.9	1.27584	5.459740706	8.068984354
10/20/2021 23:00	1	2216172.9	54307870	2	16.1	1.3776	5.895019914	8.731721226
10/21/2021 0:00	1	2216792.9	54323063	2	16.1	1.37796	5.896669114	8.734164026
10/21/2021 1:00	1	2218993.8	54376998	2	16.1	1.37934	5.902523508	8.742835572
10/21/2021 2:00	1	2223984	54499283	2	16.1	1.3824	5.91579744	8.76249696
10/21/2021 3:00	1	2225600.7	54538901	2	16.1	1.38342	5.920097862	8.768866758
10/21/2021 4:00	1	2218585.6	54366994	2	16.1	1.3791	5.901437696	8.741227264
10/21/2021 5:00	1	2217436.2	54338828	2	16.1	1.37838	5.898380292	8.736698628
10/21/2021 6:00	1	2040875.7	48916478	1.8	14.8	1.26864	5.428729362	8.041050258
10/21/2021 7:00	1	1848815.7	45827495	2.7	13.4	1.14924	4.917849762	7.284333858
10/21/2021 8:00	0.88	1420975.8	38532771	7.5	16.7	0.99996	3.779795628	5.598644652
10/21/2021 9:00	0	0	0	0	0	0	0	0
10/21/2021 10:00	0	0	0	0	0	0	0	0
10/21/2021 11:00	0	0	0	0	0	0	0	0
10/21/2021 12:00	0	0	0	0	0	0	0	0
10/21/2021 13:00	0	0	0	0	0	0	0	0
10/21/2021 14:00	0.78	858713.6	0	9.1	25	0.6807	2.284178176	3.383331584
10/21/2021 15:00	1	2030595.8	49601401	1.8	14.7	1.26222	5.401384828	8.000547452
10/21/2021 16:00	1	2210891.3	54178443	2	16	1.3743	5.880970858	8.710911722
10/21/2021 17:00	1	2206403	54068457	2	16	1.37148	5.86903198	8.69322782
10/21/2021 18:00	1	2203998.8	54009541	2	16	1.36998	5.86236808	8.683755272
10/21/2021 19:00	1	1936623.4	46856713	1.7	14	1.20378	5.151418244	7.630296196
10/21/2021 20:00	1	2196412.9	53823647	2	15.9	1.3653	5.842458314	8.653866826
10/21/2021 21:00	1	2208145.7	54111162	2	16	1.37256	5.873667562	8.700094058
10/21/2021 22:00	1	1944464	47209224	1.7	14.1	1.2087	5.17227424	7.66118816
10/21/2021 23:00	1	2211462.9	54192451	2	16	1.37466	5.882491314	8.713136826
10/22/2021 0:00	1	2211927.5	54203837	2	16	1.37496	5.88372715	8.71499435
10/22/2021 1:00	1	2214074.8	54256456	2	16.1	1.37628	5.889438968	8.723454712
10/22/2021 2:00	1	2214528.8	54267581	2	16.1	1.37658	5.890646608	8.725243472
10/22/2021 3:00	1	2214307.6	54262161	2	16.1	1.3764	5.890058216	8.724371944
10/22/2021 4:00	1	2218227.5	54358218	2	16.1	1.37886	5.90048515	8.73981635
10/22/2021 5:00	1	2219545.8	54390525	2	16.1	1.3797	5.903991828	8.745010452
10/22/2021 6:00	1	1999467.5	47536712	1.8	14.5	1.2429	5.31858355	7.87790195
10/22/2021 7:00	1	1842810.1	45219373	1.6	13.4	1.14552	4.901874866	7.260671794
10/22/2021 8:00	0.65	1422513.3	28927178	8.1	18.7	1.02024	3.783885378	5.604702402
10/22/2021 9:00	0	0	0	0	0	0	0	0
10/22/2021 10:00	0	0	0	0	0	0	0	0
10/22/2021 11:00	0	0	0	0	0	0	0	0
10/22/2021 12:00	0	0	0	0	0	0	0	0
10/22/2021 13:00	0	0	0	0	0	0	0	0
10/22/2021 14:00	0	0	0	0	0	0	0	0
10/22/2021 15:00	0.8	908096.4	0	9	25.8	0.70476	2.415536424	3.577899816
10/22/2021 16:00	1	1939584.9	47390973	1.7	14.1	1.20564	5.159295834	7.641964506
10/22/2021 17:00	1	2201865.5	53957265	2	16	1.36866	5.85696223	8.67535007
10/22/2021 18:00	1	2094670.8	51173706	1.9	15.2	1.30206	5.571824328	8.253002952
10/22/2021 19:00	1	1972799.4	47896133	1.7	14.3	1.22628	5.247646404	7.772829636
10/22/2021 20:00	1	2191711.3	53708434	2	15.9	1.36236	5.829952058	8.635342522
10/22/2021 21:00	1	2204292.8	54016747	2	16	1.37016	5.863418848	8.684913632
10/22/2021 22:00	1	2201468.5	53947537	2	16	1.36842	5.85590621	8.67378589
10/22/2021 23:00	1	2200224.1	53917042	2	16	1.36764	5.852596106	8.668882954
10/23/2021 0:00	1	2200640.8	53927253	2	16	1.36794	5.853704528	8.670524752
10/23/2021 1:00	1	2200504.2	53923906	2	16	1.36782	5.853341172	8.669986548
10/23/2021 2:00	1	2139412.6	52273938	1.9	15.5	1.32984	5.690837516	8.429285644
10/23/2021 3:00	1	2199084	53889102	2	15.9	1.36692	5.84956344	8.66439096
10/23/2021 4:00	1	2198132.1	53865777	2	15.9	1.36638	5.847031386	8.660640474
10/23/2021 5:00	1	1991764.2	48190847	1.8	14.4	1.2381	5.29809772	7.847550948
10/23/2021 6:00	1	2089247.8	50743251	1.9	15.2	1.2987	5.557399148	8.231636332
10/23/2021 7:00	1	1728147.1	42578925	1.9	12.5	1.0		



10/23/2021 10:00	0	0	0	0	0	0	0	0	0
10/23/2021 11:00	0	0	0	0	0	0	0	0	0
10/23/2021 12:00	0	0	0	0	0	0	0	0	0
10/23/2021 13:00	0	0	0	0	0	0	0	0	0
10/23/2021 14:00	0	0	0	0	0	0	0	0	0
10/23/2021 15:00	0.82	926338.3	0	9.3	25.8	0.70422	2.464059878	3.649772902	
10/23/2021 16:00	1	1953261.8	47259280	14.2	14.2	1.21416	5.195676388	7.695851492	
10/23/2021 17:00	1	2191548.7	53704450	2	15.9	1.36224	5.829519542	8.634701878	
10/23/2021 18:00	1	2076384.1	50559388	1.8	15.1	1.29066	5.523181706	8.180953354	
10/23/2021 19:00	1	2195756.1	53807553	2	15.9	1.36488	5.840711226	8.651279034	
10/23/2021 20:00	1	2195124.1	53792064	2	15.9	1.36446	5.839030106	8.648788954	
10/23/2021 21:00	1	2195103.7	53791566	2	15.9	1.36446	5.838975842	8.648708578	
10/23/2021 22:00	1	2197065.9	53839649	2	15.9	1.36572	5.844195294	8.656439646	
10/23/2021 23:00	1	2195934.3	53811919	2	15.9	1.365	5.841185238	8.651981142	
10/24/2021 0:00	1	2198632.8	53878045	2	15.9	1.36668	5.848363248	8.662613232	
10/24/2021 1:00	1	2201335.4	53944275	2	16	1.36836	5.855552164	8.673261476	
10/24/2021 2:00	1	2207944.5	5406231	2	16	1.37244	5.87313237	8.69930133	
10/24/2021 3:00	1	2206767	54077377	2	16	1.37172	5.87000022	8.69466198	
10/24/2021 4:00	1	2207445.2	54099997	2	16	1.37214	5.871804232	8.697334088	
10/24/2021 5:00	1	1988046.3	48420389	1.7	14.4	1.23576	5.288203158	7.832902422	
10/24/2021 6:00	1	2091866.2	51018875	1.9	15.2	1.30032	5.564364092	8.241952828	
10/24/2021 7:00	1	1949169.2	47732358	1.7	14.1	1.21158	5.184790072	7.679726648	
10/24/2021 8:00	0.9	1568082.5	41548713	7	18.1	1.083	4.17109945	6.17824505	
10/24/2021 9:00	0	0	0	0	0	0	0	0	
10/24/2021 10:00	0	0	0	0	0	0	0	0	
10/24/2021 11:00	0	0	0	0	0	0	0	0	
10/24/2021 12:00	0	0	0	0	0	0	0	0	
10/24/2021 13:00	0	0	0	0	0	0	0	0	
10/24/2021 14:00	0.82	907992.9	0	8.7	25.3	0.69042	2.415261114	3.577492026	
10/24/2021 15:00	1	2070220.7	50731275	1.8	15	1.28682	5.506787062	8.156695558	
10/24/2021 16:00	1	1953644.7	47425385	1.7	14.2	1.2144	5.196694902	7.697360118	
10/24/2021 17:00	1	2195131.3	53792242	2	15.9	1.36452	5.839049258	8.648817322	
10/24/2021 18:00	1	2081656.4	50854481	1.9	15.1	1.29396	5.537206024	8.201726216	
10/24/2021 19:00	1	2071332.1	50601625	1.8	15	1.28754	5.509743386	8.161048474	
10/24/2021 20:00	1	2110207.9	51171173	1.9	15.3	1.31172	5.613153014	8.314219126	
10/24/2021 21:00	1	2204454.2	54020700	2	16	1.37028	5.863848172	8.688549548	
10/24/2021 22:00	1	2031261.5	49470782	1.8	14.7	1.26264	5.40315559	8.00317031	
10/24/2021 23:00	1	1945613.3	47074224	1.7	14.1	1.20942	5.175331378	7.665716402	
10/25/2021 0:00	1	1891945.7	45757734	1.7	13.7	1.17606	5.032575562	7.454266058	
10/25/2021 1:00	1	1836906.9	44581403	1.6	13.3	1.1418	4.886172354	7.237413186	
10/25/2021 2:00	1	1934799	46812571	1.7	12	1.2027	5.14656534	7.62310806	
10/25/2021 3:00	1	1882253.9	45541241	1.7	11.7	1.17	5.006795374	7.416080366	
10/25/2021 4:00	1	2181075.8	53447807	1.9	15.8	1.35576	5.801661628	8.593438652	
10/25/2021 5:00	1	2207741.6	54101260	2	16	1.37232	5.872592656	8.698501904	
10/25/2021 6:00	1	2085140.3	50569869	1.9	15.1	1.29612	5.546473198	8.215452782	
10/25/2021 7:00	1	1722592.5	43598937	2.6	12.5	1.07076	4.58209605	6.787014445	
10/25/2021 8:00	1	2048515.3	49886469	1.8	14.9	1.27338	5.449050698	8.071150282	
10/25/2021 9:00	0.4	978385.7	15634631	9	22.8	0.7602	2.602505962	3.854839658	
10/25/2021 10:00	0	0	0	0	0	0	0	0	
10/25/2021 11:00	0	0	0	0	0	0	0	0	
10/25/2021 12:00	0	0	0	0	0	0	0	0	
10/25/2021 13:00	0	0	0	0	0	0	0	0	
10/25/2021 14:00	0.8	855430.3	0	8.6	24.3	0.66402	2.275444598	3.370395382	
10/25/2021 15:00	1	1991814.9	48660893	1.7	14.4	1.2381	5.298227634	7.847750706	
10/25/2021 16:00	1	2050430.3	50101650	1.8	14.9	1.27452	5.454144598	8.078695382	
10/25/2021 17:00	1	2061923.9	50081720	1.8	12.8	1.28166	5.484717574	8.123980166	
10/25/2021 18:00	1	2048700.2	50050642	1.8	8.5	1.2735	5.449542532	8.071878788	
10/25/2021 19:00	1	2136168.8	52191548	1.9	8.9	1.32786	5.682209008	8.416505072	
10/25/2021 20:00	1	2068846.7	50397709	1.8	8.6	1.28598	5.503132222	8.151255998	
10/25/2021 21:00	1	1804269	43903882	1.6	7.5	1.12152	4.79935554	7.10881986	
10/25/2021 22:00	1	1916771.9	46376405	1.7	11.9	1.19148	5.098613254	7.552081286	
10/25/2021 23:00	1	1936084.2	46843668	1.7	14	1.20348	5.149983972	7.628171748	
10/26/2021 0:00	1	1868131.6	45477862	1.6	13.5	1.16124	4.969230056	7.360438504	
10/26/2021 1:00	1	1843866.4	44743712	1.6	13.4	1.14612	4.904684624	7.264833616	
10/26/2021 2:00	1	1719651.2	42131217	1.5	12.5	1.06896	4.574272192	6.775425728	
10/26/2021 3:00	1	1986303.8	48519782	1.8	14.4	1.23468	5.283568108	7.826036972	
10/26/2021 4:00	1	2199202.9	53892017	2	15.9	1.36704	5.849879714	8.664859426	
10/26/2021 5:00	1	2202284.1	53967523	2	16	1.36896	5.858075706	8.676999354	
10/26/2021 6:00	1	2174416.2	52615174	1.9	15.8	1.35162	5.783947092	8.567199828	
10/26/2021 7:00	1	1889159.9	45980705	1.7	13.7	1.17432	5.025165334	7.443290006	
10/26/2021 8:00	0.38	853919.3	14301056	10.2	23.1	0.69234	2.271425338	3.364442042	
10/26/2021 9:00	0	0	0	0	0	0	0	0	
10/26/2021 10:00	0	0	0	0	0	0	0	0	
10/26/2021 11:00	0	0	0	0	0	0	0	0	
10/26/2021 12:00	0	0	0	0	0	0	0	0	
10/26/2021 13:00	0	0	0	0	0	0	0	0	
10/26/2021 14:00	0.8	835514.6	0	8.6	24.9	0.64848	2.22468836	3.291927524	
10/26/2021 15:00	1	1919664.6	47543307	1.7	13.9	1.19328	5.106307836	7.563478524	
10/26/2021 16:00	1	1949191.5	47313879	1.7	14.1	1.21164	5.18484939	7.67981451	
10/26/2021 17:00	1	2145234.6	52569510	1.9	15.8	1.3335	5.706324036	8.452242324	
10/26/2021 18:00	1	2181746.4	53464242	1.9	15.6	1.35618	5.803445424	8.596080816	
10/26/2021 19:00	1	2215875.8	54300591	2	16.1	1.37742	5.894229628	8.730550652	
10/26/2021 20:00	1	2121326.2	51839754	1.9	15.4	1.31862	5.642727692	8.358025228	
10/26/2021 21:00	1	2010113.6	48954469	1.8	14.6	1.2495	5.346902176	7.919847584	
10/26/2021 22:00	1	2076519.7	50582895	1.8	15.1	1.29078	5.523542402	8.181487618	
10/26/2021 23:00	1	2228636.3	54613290	2	16.2	1.38534	5.928172558	8.780827022	
10/27/2021 0:00	1	2228898.9	54619726	2	16.2	1.38546	5.928871074	8.781861666	
10/27/2021 1:00	1	2227487.6	54585141	2	16.2	1.38462	5.925117016	8.776301144	
10/27/2021 2:00	1	2211102.5	54183618	2	16	1.37442	5.88153265	8.71174385	
10/27/2021 3:00	1	2210785	54175839	2	16	1.37424	5.8806881	8.7104929	
10/27/2021 4:00	1	2236037.7	54794663	2	16.2	1.3899	5.947860282	8.809988538	
10/27/2021 5:00	1	2233776.4	54739249	2	16.2	1.38852	5.941845224	8.801079016	
10/27/2021 6:00	1	2147447.3	50467727	32.8	13.3	1.33488	5.712209818	8.460942362	
10/27/2021 7:00	1	1774250.1	43230665	1.6	12.9	1.10286	4.719505266	6.990545394	
10/27/2021 8:00	0.4	997801.5	15737837	9.3	23.3	0.77532	2.65415199	3.93133791	
10/27/2021 9:00	0	0	0	0	0	0	0	0	
10/27/2021 10:00	0	0	0	0	0	0	0	0	
10/27/2021 11:00	0	0	0	0	0	0	0	0	
10/27/2021 12:00	0	0	0	0	0	0	0	0	
10/27/2021 13:00	0	0	0	0	0	0	0	0	
10/27/2021 14:00	0.8	873087.2	0	8.6	24.8	0.67764	2.322411952	3.439963568	
10/27/2021 15:00	1	2051648.6	50421768	1.8	14.9	1.2753	5.457385276	8.083495484	
10/27/2021 16:00	1	2200665.4	53927855	2	16	1.36794	5.853769964	8.670621676	
10/27/2021 17:00	1	2204988.3	54033789	2	16	1.37064	5.865268878	8.687653902	
10/27/2021 18:00	1	2206482.6	54070409	2	16	1.37154	5.869243716	8.693541444	
10/27/2021 19:00	1	2203655.2	54001122	2	16	1.3698	5.861722832	8.682401488	
10/27/2021 20:00	1	2205373.9	54043238	2	16	1.37088	5.866294574	8.689173166	
10/27/2021 21:00	1	2205112.9	54063844	2	16	1.3707	5.865600314	8.688144826	
10/27/2021 22:00	1	2208443.4	54118458	2	16	1.37274	5.874459444	8.701266996	
10/27/2021 23:00	1	2211698	54198213	2	16	1.37478	5.88311668	8.71409012	
10/28/2021 0:00	1								

10/28/2021 6:00	1	2192831.9	53475612	2	18.2	1.36308	5.832932854	8.639757686
10/28/2021 7:00	1	1799899.6	44539526	2.3	13.1	1.11882	4.787732936	7.091604424
10/28/2021 8:00	0.13	438203.9	5982765	12.9	40.9	0.51072	1.165622374	1.726523366
10/28/2021 9:00	0	0	0	0	0	0	0	0
10/28/2021 10:00	0	0	0	0	0	0	0	0
10/28/2021 11:00	0	0	0	0	0	0	0	0
10/28/2021 12:00	0	0	0	0	0	0	0	0
10/28/2021 13:00	0.8	820204.5	0	8.3	24.4	0.63672	2.18174397	3.23160573
10/28/2021 14:00	1	1593460.3	41243946	1.8	11.6	0.99048	4.238604398	6.278233582
10/28/2021 15:00	1	2117107.4	51880247	1.9	15.4	1.31598	5.631505684	8.341403156
10/28/2021 16:00	1	2192170.8	53719693	2	15.9	1.36266	5.831174328	8.637152952
10/28/2021 17:00	1	2195998.3	53813487	2	15.9	1.36506	5.841355478	8.652233302
10/28/2021 18:00	1	2195176.2	53793341	2	15.9	1.36452	5.839168692	8.648994228
10/28/2021 19:00	1	2193565	53753859	2	15.9	1.3635	5.8348829	8.6426461
10/28/2021 20:00	1	2194074.7	53766348	2	15.9	1.36386	5.836238702	8.644654318
10/28/2021 21:00	1	2194064.2	53766091	2	15.9	1.3638	5.836210772	8.644612948
10/28/2021 22:00	1	2015225.5	48928053	1.8	14.6	1.25268	5.36049983	7.93998847
10/28/2021 23:00	1	1971476.8	47862705	1.7	14.3	1.2255	5.244128288	7.767618592
10/29/2021 0:00	1	1922887.4	46524370	1.7	13.9	1.19526	5.114880484	7.576176356
10/29/2021 1:00	1	1931255.2	46726828	1.7	14	1.20048	5.137138832	7.609145488
10/29/2021 2:00	1	1939563.9	46927859	1.7	14.1	1.20564	5.159239974	7.641881766
10/29/2021 3:00	1	1941329.2	46970570	1.7	14.1	1.20672	5.163935672	7.648837048
10/29/2021 4:00	1	2040488	49541503	1.8	14.8	1.26834	5.42769808	8.0352272
10/29/2021 5:00	1	2215105.9	54281725	2	16.1	1.37694	5.892181694	8.727517246
10/29/2021 6:00	1	2171848	52628961	1.9	15.8	1.35	5.77711568	8.55708112
10/29/2021 7:00	1	1787517.8	44246836	1.9	13	1.11114	4.754797348	7.042820132
10/29/2021 8:00	0.13	425656.2	5811452	12.7	38	0.49608	1.132245492	1.677085428
10/29/2021 9:00	0	0	0	0	0	0	0	0
10/29/2021 10:00	0	0	0	0	0	0	0	0
10/29/2021 11:00	0	0	0	0	0	0	0	0
10/29/2021 12:00	0	0	0	0	0	0	0	0
10/29/2021 13:00	0	0	0	0	0	0	0	0
10/29/2021 14:00	0.8	849858.7	0	9.7	23.1	0.65952	2.260624142	3.348443278
10/29/2021 15:00	1	2034238.8	49997897	1.8	14.8	1.2645	5.411075208	8.014900872
10/29/2021 16:00	1	2182536.2	53483595	1.9	15.8	1.35666	5.805546292	8.599192628
10/29/2021 17:00	1	2193499	53752240	2	15.9	1.3635	5.83470734	8.64238606
10/29/2021 18:00	1	2191982.9	53715089	2	15.9	1.36254	5.830674514	8.636412626
10/29/2021 19:00	1	2193198.5	53744878	2	15.9	1.36332	5.83390801	8.64120209
10/29/2021 20:00	1	2193325.2	53747981	2	15.9	1.36338	5.834245032	8.641701288
10/29/2021 21:00	1	2193578.6	53754191	2	15.9	1.3635	5.834919076	8.642699684
10/29/2021 22:00	1	2193316.8	53747777	2	15.9	1.36338	5.834222688	8.641668192
10/29/2021 23:00	1	2094180.3	51318412	1.9	15.2	1.30176	5.570519598	8.251070382
10/30/2021 0:00	1	2171258.7	53027238	1.9	15.7	1.34964	5.775548142	8.554759278
10/30/2021 1:00	1	2206163.7	54062592	2	16	1.37136	5.868395442	8.692284978
10/30/2021 2:00	1	2205388.7	54043601	2	16	1.37088	5.866333942	8.689231478
10/30/2021 3:00	1	2202319.4	53968386	2	16	1.36896	5.858169604	8.677138436
10/30/2021 4:00	1	2089697.8	51052211	1.9	15.2	1.29894	5.558596148	8.233409332
10/30/2021 5:00	1	2143284.3	52521717	1.9	15.5	1.33224	5.701136238	8.444540142
10/30/2021 6:00	1	2093352	50972983	1.8	15.2	1.30122	5.56831632	8.247806688
10/30/2021 7:00	1	1840866.8	45246697	1.6	13.3	1.14426	4.896705688	7.253015192
10/30/2021 8:00	0.4	1000022.6	15536712	9.6	20.7	0.777	2.660060116	3.940089044
10/30/2021 9:00	0	0	0	0	0	0	0	0
10/30/2021 10:00	0	0	0	0	0	0	0	0
10/30/2021 11:00	0	0	0	0	0	0	0	0
10/30/2021 12:00	0	0	0	0	0	0	0	0
10/30/2021 13:00	0.82	854857.3	0	8.3	23.8	0.6501	2.273920418	3.368137762
10/30/2021 14:00	1	1785034.8	44519685	2.3	12.9	1.10958	4.748192568	7.033037112
10/30/2021 15:00	1	1807605.2	45484861	2.3	13.1	1.12362	4.808229832	7.121964488
10/30/2021 16:00	1	2150173.5	52533904	1.9	15.6	1.33656	5.71946151	8.47168359
10/30/2021 17:00	1	2197056.3	53839413	2	15.9	1.36572	5.844169758	8.656401822
10/30/2021 18:00	1	2104744.1	51423950	1.9	15.3	1.3083	5.598619306	8.292691754
10/30/2021 19:00	1	2083605.3	50910824	1.9	15.1	1.29516	5.542390098	8.209404882
10/30/2021 20:00	1	2205119.2	54036997	2	16	1.3707	5.865617072	8.688169648
10/30/2021 21:00	1	2107451.8	51494553	1.9	15.3	1.30998	5.605821788	8.303360092
10/30/2021 22:00	1	1976830.2	47990372	1.7	14.3	1.2288	5.258368332	7.788710988
10/30/2021 23:00	1	2205733.5	54052030	2	16	1.37106	5.86725111	8.69058999
10/31/2021 0:00	1	2209322.5	54140001	2	16	1.37334	5.87679785	8.70473065
10/31/2021 1:00	1	2211096.8	54183479	2	16	1.37442	5.881517488	8.711721392
10/31/2021 2:00	1	2212066.1	54207231	2	16	1.37502	5.884095826	8.715540434
10/31/2021 3:00	1	2211199.6	54185999	2	16	1.37448	5.881790936	8.712126424
10/31/2021 4:00	1	2210270.6	54163233	2	16	1.37388	5.879319796	8.708466164
10/31/2021 5:00	1	2108642.8	51672818	1.9	15.3	1.31076	5.608989848	8.308052632
10/31/2021 6:00	1	2109151.2	51685523	1.9	15.3	1.31106	5.610368792	8.310095128
10/31/2021 7:00	1	1981609.4	48108222	1.7	14.4	1.23174	5.271081004	7.807541036
10/31/2021 8:00	0.4	1067693	16094530	11.1	23.5	0.82962	2.84006338	4.20671042
10/31/2021 9:00	0	0	0	0	0	0	0	0
10/31/2021 10:00	0	0	0	0	0	0	0	0
10/31/2021 11:00	0	0	0	0	0	0	0	0
10/31/2021 12:00	0	0	0	0	0	0	0	0
10/31/2021 13:00	0	0	0	0	0	0	0	0
10/31/2021 14:00	0.8	870035.5	0	8.9	24.7	0.67494	2.31429443	3.42793987
10/31/2021 15:00	1	1977190.7	48151824	1.8	14.3	1.22904	5.259327262	7.790131358
10/31/2021 16:00	1	1954421.8	47424718	1.7	14.2	1.21488	5.198761988	7.700421892
10/31/2021 17:00	1	2008545.5	48766647	1.8	14.6	1.24854	5.34273103	7.91366927
10/31/2021 18:00	1	2073859.9	50667424	1.8	15	1.2891	5.516467334	8.171008006
10/31/2021 19:00	1	2026578.9	49033192	1.8	14.7	1.2597	5.390698874	7.984720866
10/31/2021 20:00	1	2066313.6	50335115	1.8	15	1.28442	5.496394176	8.141275584
10/31/2021 21:00	1	1921860.6	46635489	1.7	13.9	1.1946	5.112149196	7.572130764
10/31/2021 22:00	1	1933496.4	46781054	1.7	14	1.20186	5.143100424	7.617975816
10/31/2021 23:00	1	1938278.9	46896767	1.7	14.1	1.20486	5.155821874	7.636818866
11/1/2021 0:00	1	1940460.6	46949554	1.7	14.1	1.20618	5.161625196	7.645414764
11/1/2021 1:00	1	1939351.4	46922718	1.7	14.1	1.20552	5.158674724	7.641044516
11/1/2021 2:00	1	1937583.3	46879939	1.7	14.1	1.20438	5.153971578	7.634078202
11/1/2021 3:00	1	1941427	46972937	1.7	14.1	1.20678	5.16419582	7.64922238
11/1/2021 4:00	1	2131308	52077749	1.9	15.5	1.3248	5.66927928	8.39735352
11/1/2021 5:00	1	2219794.8	54396627	2	16.1	1.37982	5.904654168	8.745991512
11/1/2021 6:00	1	2212880.3	54227186	2	18.3	1.3755	5.886261598	8.718748382
11/1/2021 7:00	1	2095853.3	51053759	1.9	15.2	1.30278	5.574969778	8.257662002
11/1/2021 8:00	1	1943086.6	47013092	1.7	14.1	1.2078	5.168610356	7.655761204
11/1/2021 9:00	1	2117774	51744895	1.9	15.4	1.3164	5.63327884	8.34402956
11/1/2021 10:00	1	1944277.5	47350833	1.7	14.1	1.20858	5.17177815	7.66045335
11/1/2021 11:00	1	1833933.1	44512491	1.6	14.4	1.14	4.878262046	7.225696414
11/1/2021 12:00	1	1960261.5	47428638	1.7	14.2	1.21848	5.21429559	7.72343031
11/1/2021 13:00	1	2055605	50078380	1.8	14.9	1.27776	5.4679093	8.0990837
11/1/2021 14:00	1	2157484	52714348	1.9	15.6	1.34106	5.73890744	8.50048696
11/1/2021 15:00	1	2194431.6	53755094	2	15.9	1.36404	5.837188056	8.646060504
11/1/2021 16:00	1	2143284.4	52365443	1.9	15.5	1.33224	5.701136504	8.444540536
11/1/2021 17:00	1	2214304.9	54262096	2	16.1	1.3764	5.890051034	8.724361306
11/1/2021 18:00	1	2217473.8	54339750	2	16.1	1.37838	5.898480308	8.736846772
11/1/2021 19:00	1	2216183.5	54308130	2	16.1	1.3776	5.89504811	8.73176299
11/1/2021 20:00	1	2209485.1	54143986	2	16	1.3734	5.877230366	8.705371294
11/1/2021 21:00	1	2214896.7	54276598	2	16.1	1.37676	5.891625222	8.726692998
11/1/202								

11/2/2021 2:00	1	2231352.6	54679853	2	16.2	1.38702	5.935397916	8.791529244
11/2/2021 3:00	1	2231122.1	54674206	2	16.2	1.38684	5.934784786	8.790621074
11/2/2021 4:00	1	2231057.5	54672621	2	16.2	1.38684	5.93461295	8.79036655
11/2/2021 5:00	1	2232991.4	54720012	2	16.2	1.38804	5.93975124	8.797986116
11/2/2021 6:00	1	2210863.2	54177756	2	18.3	1.3743	5.880896112	8.710801008
11/2/2021 7:00	1	1930070	47151802	1.7	14	1.19976	5.1339862	7.6044758
11/2/2021 8:00	1	1897238.6	46205130	1.7	13.8	1.1793	5.046654676	7.475120084
11/2/2021 9:00	1	1791889.2	43626421	1.6	13	1.11384	4.766425272	7.060043448
11/2/2021 10:00	1	1917060.2	46523885	1.7	13.9	1.19166	5.099380132	7.553217188
11/2/2021 11:00	1	1807895.2	44012205	1.6	13.1	1.1238	4.809001232	7.123107088
11/2/2021 12:00	1	1957940.1	47372473	1.7	14.2	1.21704	5.208120666	7.714283994
11/2/2021 13:00	1	1787908.7	43524812	1.6	13	1.11138	4.755837142	7.044360278
11/2/2021 14:00	1	1844583	44770317	1.6	13.4	1.1466	4.90659078	7.26765702
11/2/2021 15:00	1	2100701.4	51478212	1.9	15.2	1.30578	5.587865724	8.276763516
11/2/2021 16:00	1	2224116.3	54502525	2	16.1	1.38252	5.916149358	8.763018222
11/2/2021 17:00	1	2222099.9	54453112	2	16.1	1.38126	5.910785734	8.755073606
11/2/2021 18:00	1	2218576.5	54366773	2	16.1	1.37904	5.90141349	8.741191941
11/2/2021 19:00	1	2213630	54245556	2	16.1	1.37598	5.8882558	8.7217022
11/2/2021 20:00	1	2217439.7	54338914	2	16.1	1.37838	5.898389602	8.736712418
11/2/2021 21:00	1	2026272.8	49500259	1.8	14.7	1.25952	5.389885648	7.983514832
11/2/2021 22:00	1	2072397	50625317	1.8	15	1.2882	5.51257602	8.16524418
11/2/2021 23:00	1	2213513.1	54242693	2	16.1	1.37592	5.887944846	8.721241614
11/3/2021 0:00	1	2214119.2	54257545	2	16.1	1.37628	5.88957072	8.723628648
11/3/2021 1:00	1	2212348.8	54434707	2	16.1	1.38078	5.908787808	8.752114272
11/3/2021 2:00	1	2225642.3	54539921	2	16.1	1.38348	5.920208518	8.769030662
11/3/2021 3:00	1	2227341.2	54581554	2	16.2	1.3845	5.924727592	8.775724328
11/3/2021 4:00	1	2226833.9	54569121	2	16.1	1.3842	5.923378174	8.77325566
11/3/2021 5:00	1	2224144.4	54503215	2	16.1	1.38252	5.916224104	8.763128936
11/3/2021 6:00	1	2210094.6	54158921	2	18.3	1.37382	5.878851636	8.707727274
11/3/2021 7:00	1	2016467	48949856	1.8	14.6	1.25246	5.36380222	7.94487998
11/3/2021 8:00	1	2169100.2	52998129	1.9	15.7	1.34832	5.769806532	8.546254788
11/3/2021 9:00	1	1936427.7	46851978	1.7	14	1.20366	5.150897682	7.629525138
11/3/2021 10:00	1	1981068.7	48094805	1.7	14.4	1.23144	5.269642742	7.805410678
11/3/2021 11:00	1	2000185.2	48394595	1.8	14.5	1.24332	5.320492632	7.880729688
11/3/2021 12:00	1	1960788.6	47441391	1.7	14.2	1.21884	5.215697676	7.725507084
11/3/2021 13:00	1	1910120.7	46215479	1.7	13.9	1.18734	5.080921062	7.525875558
11/3/2021 14:00	1	2026314.1	49351671	1.8	14.7	1.25958	5.389995506	7.983677554
11/3/2021 15:00	1	2025680.2	49639799	1.8	14.7	1.25916	5.388309332	7.981179988
11/3/2021 16:00	1	2195444.6	53799918	2	15.9	1.3647	5.839882636	8.650051724
11/3/2021 17:00	1	2211475.6	54192761	2	16	1.37466	5.882525096	8.713213864
11/3/2021 18:00	1	2204391.5	54019165	2	16	1.37022	5.86368139	8.68530251
11/3/2021 19:00	1	2212134.4	54208906	2	16	1.37508	5.884277504	8.715809536
11/3/2021 20:00	1	2205164.2	54038100	2	16	1.3707	5.865736772	8.688346948
11/3/2021 21:00	1	2204985.4	54033719	2	16	1.37064	5.865261164	8.687642476
11/3/2021 22:00	1	1997087.8	48319653	1.8	14.5	1.2414	5.312253548	7.868525932
11/3/2021 23:00	1	2213332.3	54238262	2	16.1	1.3758	5.887463918	8.720529262
11/4/2021 0:00	1	2218809.8	54372489	2	16.1	1.37922	5.902034068	8.742110612
11/4/2021 1:00	1	2211411.3	54191188	2	16	1.3746	5.882354058	8.712960522
11/4/2021 2:00	1	2075901.2	50714781	1.8	15.1	1.29036	5.521897192	8.19050728
11/4/2021 3:00	1	2222658.5	54466802	2	16.1	1.38162	5.91227161	8.75272449
11/4/2021 4:00	1	2223669.4	54491574	2	16.1	1.38222	5.914966004	8.761257436
11/4/2021 5:00	1	2221928.1	54448904	2	16.1	1.38114	5.910328746	8.754396714
11/4/2021 6:00	1	2221216.4	54431462	2	18.4	1.38072	5.908435624	8.751592616
11/4/2021 7:00	1	1974816.6	47942871	1.7	14.3	1.22754	5.253012156	7.780777404
11/4/2021 8:00	0.55	1018378.5	22025887	7.4	18.7	0.86322	2.70888681	4.01241129
11/4/2021 9:00	0	0	0	0	0	0	0	0
11/4/2021 10:00	0	0	0	0	0	0	0	0
11/4/2021 11:00	0	0	0	0	0	0	0	0
11/4/2021 12:00	0	0	0	0	0	0	0	0
11/4/2021 13:00	0	0	0	0	0	0	0	0
11/4/2021 14:00	0.82	915586	0	9.3	24.4	0.69624	2.43545876	3.60740884
11/4/2021 15:00	1	1934998.3	46961289	1.7	14	1.20282	5.147095478	7.623893302
11/4/2021 16:00	1	2200276.1	53918316	2	16	1.3677	5.852734426	8.669087834
11/4/2021 17:00	1	2205784.4	54053299	2	16	1.37112	5.867386504	8.690790536
11/4/2021 18:00	1	1974034.7	47923120	1.7	14.3	1.22706	5.250932302	7.777696718
11/4/2021 19:00	1	2205813.1	54054001	2	16	1.37112	5.867462846	8.690903614
11/4/2021 20:00	1	2162883.3	52846285	1.9	15.7	1.34442	5.753269578	8.521760202
11/4/2021 21:00	1	1927501.8	46636017	1.7	14	1.19814	5.127154788	7.594357092
11/4/2021 22:00	1	1905170	46095696	1.7	13.8	1.18428	5.0677522	7.5063698
11/4/2021 23:00	1	1941800.1	46981963	1.7	14.1	1.20702	5.165188266	7.650692394
11/5/2021 0:00	1	1910526	46225285	1.7	13.9	1.18758	5.08199916	7.52747244
11/5/2021 1:00	1	1858099.3	44956817	1.6	13.5	1.1155	4.942544138	7.320911242
11/5/2021 2:00	1	1825952.5	44179025	1.6	13.2	1.13502	4.85703365	7.19425285
11/5/2021 3:00	1	1977244.2	48000805	1.7	14.3	1.22904	5.259469572	7.790342148
11/5/2021 4:00	1	2166670.6	52938593	1.9	15.7	1.34682	5.763343796	8.536882164
11/5/2021 5:00	1	2218033.8	54353472	2	16.1	1.37874	5.899969908	8.739053172
11/5/2021 6:00	1	2214516.1	54267271	2	18.4	1.37652	5.890612826	8.725193434
11/5/2021 7:00	1	1953858.6	47273719	1.7	14.2	1.21452	5.197263876	7.698202884
11/5/2021 8:00	1	1935442.4	46984581	1.7	14	1.20206	5.148276784	7.625643056
11/5/2021 9:00	1	1802388.1	43999055	1.6	13.1	1.12038	4.794352346	7.101409114
11/5/2021 10:00	1	1982118.2	47957462	1.7	14.4	1.2321	5.272434412	7.809545708
11/5/2021 11:00	1	1939537.2	46927213	1.7	14.1	1.20564	5.159168952	7.641776558
11/5/2021 12:00	1	1854504.9	44869852	1.7	13.4	1.15278	4.932983034	7.306749306
11/5/2021 13:00	1	1993389.3	48547589	1.8	14.5	1.23912	5.302415538	7.853953842
11/5/2021 14:00	1	1839650.5	44891231	1.6	13.3	1.14354	4.89347033	7.24822297
11/5/2021 15:00	1	2095049.5	51339712	1.9	15.2	1.3023	5.57283167	8.25449503
11/5/2021 16:00	1	2181434.6	53456600	1.9	15.8	1.356	5.802616036	8.594852324
11/5/2021 17:00	1	2205657.4	54050187	2	16	1.37106	5.867048684	8.690290156
11/5/2021 18:00	1	2206320.7	54066440	2	16	1.37142	5.868813062	8.692903558
11/5/2021 19:00	1	2203005.6	53985202	2	16	1.36938	5.859994896	8.679842064
11/5/2021 20:00	1	2203252.6	53991256	2	16	1.36956	5.860651916	8.680815244
11/5/2021 21:00	1	2203377.2	53994309	2	16	1.36962	5.860983352	8.681306168
11/5/2021 22:00	1	2025851.2	49175234	1.8	14.7	1.25928	5.388764192	7.981853728
11/5/2021 23:00	1	202681.9	53977271	2	16	1.3692	5.859133854	8.678566686
11/6/2021 0:00	1	2211599.4	54195797	2	16	1.37472	5.882854404	8.713701636
11/6/2021 1:00	1	2211279.1	54187948	2	16	1.37454	5.882002406	8.712439654
11/6/2021 2:00	1	2210426.8	54167061	2	16	1.374	5.879735288	8.709081592
11/6/2021 3:00	1	2219349.1	54385705	2	16.1	1.37952	5.903468606	8.744235454
11/6/2021 4:00	1	2220353.7	54410321	2	16.1	1.38018	5.906140842	8.748193578
11/6/2021 5:00	1	2065870.9	50312913	1.8	15	1.28412	5.495216594	8.139531346
11/6/2021 6:00	1	2111988.6	51590240	1.9	15.3	1.3128	5.617889676	8.321235084
11/6/2021 7:00	1	2115503.6	51840945	1.9	15.3	1.31502	5.627239576	8.335084184
11/6/2021 8:00	0.4	1094682.2	16475188	9.9	24.1	0.85056	2.911854652	4.313047868
11/6/2021 9:00	0	0	0	0	0	0	0	0
11/6/2021 10:00	0	0	0	0	0	0	0	0
11/6/2021 11:00	0	0	0	0	0	0	0	0
11/6/2021 12:00	0	0	0	0	0	0	0	0
11/6/2021 13:00	0	0	0	0	0	0	0	0
11/6/2021 14:00	0.8	892944.4	0	9.3	24.3	0.69312	2.375232104	3.518200936
11/6/2021 15:00	1	1926064.5	46742406	1.7	12	1.19724	5.12333157	7.58869413

11/6/2021 22:00	1	2011793.6	48994234	1.8	14.6	1.25052	5.351370976	7.926466784
11/6/2021 23:00	1	2158785.5	52901577	1.9	15.7	1.3419	5.74236943	8.50561487
11/7/2021 0:00	1	1949731.5	47173865	1.7	14.1	1.21194	5.18628579	7.68194211
11/7/2021 1:00	1	1586828.8	40154375	1.5	11.5	0.9864	4.220964608	6.252105472
11/7/2021 2:00	1	1646068.9	40990984	1.5	11.9	1.02318	4.378543274	6.485511466
11/7/2021 3:00	1	1939891.3	46935780	1.7	14.1	1.20582	5.160110858	7.643171722
11/7/2021 4:00	1	1940041.7	46939420	1.7	14.1	1.20594	5.160510922	7.643764298
11/7/2021 5:00	1	1950252.9	47186480	1.7	14.1	1.2123	5.187672714	7.683996426
11/7/2021 6:00	1	2217112.6	54474749	2	18.4	1.37814	5.897519516	8.735423644
11/7/2021 7:00	1	1956180.8	48071100	1.7	14.2	1.21596	5.203440928	7.707352352
11/7/2021 8:00	0.4	1126854.1	16916269	10.2	19	0.87558	2.997431906	4.439805154
11/7/2021 9:00	0	0	0	0	0	0	0	0
11/7/2021 10:00	0	0	0	0	0	0	0	0
11/7/2021 11:00	0	0	0	0	0	0	0	0
11/7/2021 12:00	0	0	0	0	0	0	0	0
11/7/2021 13:00	0	0	0	0	0	0	0	0
11/7/2021 14:00	0.82	919286	0	9.4	24.5	0.69906	2.44530076	3.62198684
11/7/2021 15:00	1	2078817.8	50941949	1.9	12.9	1.29222	5.529655348	8.190542132
11/7/2021 16:00	1	1861941.5	45734239	1.7	7.7	1.1574	4.95276439	7.33604951
11/7/2021 17:00	1	2193899.4	53762053	2	15.9	1.36374	5.835772404	8.643963636
11/7/2021 18:00	1	2047977.6	50030003	1.8	12.7	1.27302	5.447620416	8.069931744
11/7/2021 19:00	1	2199670.3	53903471	2	16	1.36734	5.851122998	8.666700982
11/7/2021 20:00	1	1991220	48643307	1.8	14.4	1.23774	5.2966452	7.8454068
11/7/2021 21:00	1	2208352.7	54116236	2	16	1.37274	5.874238182	8.700909638
11/7/2021 22:00	1	2164501.4	53041649	1.9	13.5	1.34544	5.757573724	8.528135516
11/7/2021 23:00	1	1964529.5	47531903	1.7	14.2	1.22118	5.22564847	7.74024623
11/8/2021 0:00	1	1918344.2	46414448	1.7	13.9	1.19244	5.102795572	7.558276148
11/8/2021 1:00	1	1783627	43563626	1.6	12.9	1.10868	4.74444782	7.02749038
11/8/2021 2:00	1	1914972.9	46332878	1.7	13.9	1.19034	5.093827914	7.544993226
11/8/2021 3:00	1	1755407.2	42878472	1.6	10.9	1.09116	4.669383152	6.916304368
11/8/2021 4:00	1	1896858.3	45894594	1.7	13.8	1.17906	5.045643078	7.473621702
11/8/2021 5:00	1	2218489.1	54364630	2	16.1	1.37904	5.901181006	8.740847054
11/8/2021 6:00	1	2222680.3	54465402	2	16.1	1.38162	5.912329598	8.757360382
11/8/2021 7:00	1	1959540.7	48000517	1.7	12.2	1.21806	5.212378262	7.720590358
11/8/2021 8:00	1	2055097.6	50360681	1.8	14.9	1.27746	5.466559616	8.097084544
11/8/2021 9:00	0.4	923074.7	14999959	9.1	22.7	0.71724	2.455378702	3.636914318
11/8/2021 10:00	0	0	0	0	0	0	0	0
11/8/2021 11:00	0	0	0	0	0	0	0	0
11/8/2021 12:00	0	0	0	0	0	0	0	0
11/8/2021 13:00	0	0	0	0	0	0	0	0
11/8/2021 14:00	0.8	870520.3	0	8.7	24.8	0.67584	2.315583998	3.429849982
11/8/2021 15:00	1	2110483.8	51717934	1.9	15.3	1.3119	5.613886908	8.15306172
11/8/2021 16:00	1	2212089.9	54207815	2	16	1.37502	5.884159134	8.715634206
11/8/2021 17:00	1	2215864.4	54300311	2	16.1	1.37736	5.894199304	8.730505736
11/8/2021 18:00	1	2222187.1	54455250	2	16.1	1.38132	5.911017686	8.755417174
11/8/2021 19:00	1	2224942.7	54522776	2	16.1	1.383	5.918347582	8.766274238
11/8/2021 20:00	1	2219535	54390259	2	16.1	1.37964	5.9039631	8.7449679
11/8/2021 21:00	1	2224416.7	54509888	2	16.1	1.3827	5.916948422	8.764201798
11/8/2021 22:00	1	2100707	51171922	1.9	15.2	1.30578	5.58788062	8.27678558
11/8/2021 23:00	1	1900866.8	46131539	1.7	13.8	1.18158	5.056305688	7.489415192
11/9/2021 0:00	1	1656250.3	40838952	1.5	10.3	1.03152	4.405625798	6.525626182
11/9/2021 1:00	1	1782065.4	43735493	1.6	12.9	1.10988	4.740293964	7.021337676
11/9/2021 2:00	1	1826365	44448093	1.6	13.3	1.13748	4.8581309	7.1958781
11/9/2021 3:00	1	1950110.8	47183041	1.7	14.2	1.21452	5.187294728	7.683436552
11/9/2021 4:00	1	1843244.3	44870843	1.6	13.4	1.14798	4.903029838	7.262382542
11/9/2021 5:00	1	2039882.8	49527305	1.8	14.8	1.27044	5.426088248	8.037138232
11/9/2021 6:00	1	2021679.7	49691478	1.8	14.7	1.2591	5.377668002	7.965418018
11/9/2021 7:00	1	1806496.9	44296045	1.9	13.1	1.12506	4.805281754	7.117597786
11/9/2021 8:00	1	2006991.4	49181827	1.8	14.6	1.24998	5.338597124	7.907546116
11/9/2021 9:00	0.38	903800.9	14873644	8.9	22	0.73278	2.404110394	3.560975546
11/9/2021 10:00	0	0	0	0	0	0	0	0
11/9/2021 11:00	0	0	0	0	0	0	0	0
11/9/2021 12:00	0	0	0	0	0	0	0	0
11/9/2021 13:00	0	0	0	0	0	0	0	0
11/9/2021 14:00	0.8	842928.9	0	8.7	25.1	0.6543	2.242190874	3.321139866
11/9/2021 15:00	1	1964557.6	48639719	1.8	14.2	1.22118	5.225723216	7.740356944
11/9/2021 16:00	1	1864818.7	45548670	1.7	11.6	1.1592	4.960417742	7.347385678
11/9/2021 17:00	1	2207757.3	54101644	2	16	1.37232	5.872634418	8.698563762
11/9/2021 18:00	1	2088466.7	51178399	1.9	13	1.29822	5.555321422	8.228558798
11/9/2021 19:00	1	2099040.2	51437504	1.9	15.2	1.30476	5.583446932	8.270218388
11/9/2021 20:00	1	2212267.2	54212161	2	16	1.37514	5.884630752	8.716332768
11/9/2021 21:00	1	2147908.4	52484568	1.9	13.4	1.33512	5.713436344	8.462759096
11/9/2021 22:00	0.65	1483666.6	30414930	8.6	21.3	1.0641	3.946553156	5.845646404
11/9/2021 23:00	0	0	0	0	0	0	0	0

Notes:

1. PM10/2.5, VOC, and SO2 emissions were calculated using fuel flow and the emission factors listed in the facility's Title V Permit.

Emissions Limit	Amount	Units	Title V Condition Reference	Exceeded During Period? (Y/N)	
				1A (U1)	1B (U2)
<b>Concentration Limits</b>					
NOx (excluding Startups and Shutdowns)	2.0	ppm @ 15% O2 (1-hr avg)	A195.6	N	N
CO (excluding Startups and Shutdowns)	1.5	ppm @ 15% O2 (1-hr avg)	A195.7	N	N
VOCs (excluding Startups and Shutdowns)	2.0	ppm @ 15% O2 (1-hr avg)	A195.8	N	N
NH3 (excluding Startups and Shutdowns)	5.0	ppm @ 15% O2 (1-hr avg)	A195.10	N	N
<b>Total Mass Limits</b>					
PM10	6324	lbs. per month	A63.7	N	N
CO	24720	lbs. per month	A63.7	N	N
VOC	7611	lbs. per month	A63.7	N	N
<b>Startup/Shutdown Mass Limits</b>					
Cold Startup NOx	61	lbs. per startup	C1.7	N	N
Non-Cold Startup NOx	32	lbs. per startup	C1.7	N	N
Cold Startup CO	325	lbs. per startup	C1.7	N	N
Non-Cold Startup CO	137	lbs. per startup	C1.7	N	N
Cold Startup VOC	36	lbs. per startup	C1.7	N	N
Non-Cold Startup VOC	25	lbs. per startup	C1.7	N	N
Shutdown NOx	10	lbs. per shutdown	C1.8	N	N
Shutdown CO	133	lbs. per shutdown	C1.8	N	N
Shutdown VOC	32	lbs. per shutdown	C1.8	N	N
<b>Startup/Shutdown Count Limits</b>					
Total Startup Count	2	Per Day	C1.7	N	N
Total Startup Count	62	Per Month	C1.7	N	N
Cold Startup Count	15	Per Month	C1.7	N	N
Non-Cold Startup Count	47	Per Month	C1.7	N	N
Total Shutdown Count	62	Per Month	C1.8	N	N
<b>Startup/Shutdown Duration Limits</b>					
Cold Startup Duration	60	minutes	C1.7	N	N
Non-cold Startup Duration	30	minutes	C1.7	N	N
Shutdown Duration	30	minutes	C1.8	N	N
<b>Pollution Control Device Limits</b>					
Ammonia Injection Rate	20.0 - 242.0	lbs./hr. (1-hr average, excludes Startups and Shutdowns)	D12.7	N	N
SCR Inlet Temperature	450-800	°F (1-hr average, excludes Startups and Shutdowns)	D12.8	N	N
SCR Differential Pressure	1.6	in. H2O (monthly average)	D12.9	N	N
CO Catalyst Temperature	≥450	°F (1-hr average, excludes Startups and Shutdowns)	D12.10	N	N
<b>Gross Load</b>					
Gross MW Limit (1A + 1B + 1S generators)	693.8	MW (15-min average)	E448.1	N	N

Stack Parameters		
	U1A (U1)	U1B (U2)
Stack Height (ft)	150	150
Exit Diameter (ft)	20	20
Stack Flowrate (scfh)	See Emissions Data tabs. There is no applicable permit limit for this parameter.	
Stack Temperature (F)	Stack Temperature is not used in emissions calculations. There is no applicable permit limit for this parameter.	

**TABLE 1: Walnut Creek Energy Park Permit Conditions and Plant Characteristics**

DOE Order 202-21-2: CAISO Application for Emergency Order Pursuant to Section 202(c) of Federal Power Act

Walnut Creek Energy LLC - ORIS Code/EIA Plant # 57515; SCAQMD Facility ID 146536

Unit characteristics, Permit Limits	Generating Units: LMS100s, 100.1 MW Net					Comments
	U1	U2	U3	U4	U5	
Stack Diameter	13.5 ft	13.5 ft	13.5 ft	13.5 ft	13.5 ft	
Stack Height	90 ft	90 ft	90 ft	90 ft	90 ft	
Exhaust Temp, limit	N/A	N/A	N/A	N/A	N/A	No exhaust temp limit; maintained 715-840 deg F SCR temperature
Exhaust Velocity, limit	N/A	N/A	N/A	N/A	N/A	No exhaust velocity limit, no excess velocity
Fuel Input, mmbtu/hr	891.7	891.7	891.7	891.7	891.7	<891.7 mmbtu/hr, maintained compliance
Fuel Input, mmscf/month/unit	367	367	367	367	367	<367 mmscf/month/unit, maintained compliance
NOx limit (ppm, 60 min ave @15%O2)	2.5	2.5	2.5	2.5	2.5	<2.5 ppm, excluding startups and shutdowns
NOx (lb/hr, excluding SU, SD)	N/A	N/A	N/A	N/A	N/A	No lb/hr NOx limit; no excess during Order
CO limit (ppm, 60 min ave @15%O2)	4.0	4.0	4.0	4.0	4.0	<4.0 ppm, excluding startups and shutdowns
CO (lb/hr, excluding SU, SD)	N/A	N/A	N/A	N/A	N/A	No lb/hr CO limit; no excess during Order
VOC (ppm)	2.0	2.0	2.0	2.0	2.0	compliance demonstrated in annual source testing; no excess during Order
VOC (lb/month)	1035	1035	1035	1035	1035	<1035 lb/month @2.73 lb/mmcf, maintained compliance by fuel use <367 mmscf/month/unit
PM10 (lb/month)	2592	2592	2592	2592	2592	<2592 lb/month @7.04 lb/mmcf, maintained compliance by fuel use <367 mmscf/month/unit; no excess during Order
SOx (lb/mmcf)	0.67	0.67	0.67	0.67	0.67	compliance demonstrated by fuel use < 367 mmscf/month/unit; no excess during Order
<b>Operations during DOE Order</b>						
Run Hours 9/10-11/9/2021 (hours)	225.8	195.6	323.1	131.6	124.6	

Average Values Report  
 Generated: 11/22/2021 13:24

Company: Walnut Creek Energy, LLC  
 Plant: 911 Bixby Drive  
 City/St: City of Industry, CA 91745  
 Source: CT1, CT2, CT3, CT4, CT5, GT1, GT2, GT3, GT4, GT5  
 Includes startup and shutdown emissions

Period Start: 9/10/2021 00:00  
 Period End: 11/9/2021 23:59  
 Validation Type: 60/60 min  
 Averaging Period: 1 hr  
 Type: Block Avg

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
09/10/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 16:00	0.00	0.00	0.00	0.00	0.00	4.41	0.00	0.00	0.00	0.00
09/10/2021 17:00	2.13	0.00	0.00	0.00	0.00	4.84	3.62	6.70	0.00	0.00
09/10/2021 18:00	0.93	1.87	0.96	0.00	0.00	1.31	2.18	1.38	0.00	0.00
09/10/2021 19:00	0.00	0.38	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00
09/10/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/10/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 16:00	0.00	0.00	0.00	0.00	0.00	3.76	2.38	2.48	2.32	0.00
09/11/2021 17:00	2.62	1.80	3.25	3.49	0.00	5.08	4.74	6.51	7.09	8.96
09/11/2021 18:00	2.62	2.13	2.54	2.41	3.00	4.64	3.67	4.35	4.29	5.17
09/11/2021 19:00	0.00	1.90	2.89	0.00	0.00	91.64	53.11	43.42	0.17	0.20



Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr	
09/11/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.52	28.60	0.00	0.00
09/11/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/11/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 15:00	0.00	0.00	0.00	0.00	0.00	95.78	0.00	3.32	0.00	0.00	0.00
09/12/2021 16:00	2.81	0.00	2.59	0.00	0.00	4.54	2.81	4.47	1.87	2.14	2.14
09/12/2021 17:00	2.41	1.59	2.42	1.29	2.84	4.72	3.72	4.12	3.35	4.86	4.86
09/12/2021 18:00	2.32	2.07	2.34	1.79	2.70	3.82	3.72	3.96	3.07	8.25	8.25
09/12/2021 19:00	2.06	1.76	2.23	1.68	0.00	145.99	101.13	78.37	133.21	18.19	18.19
09/12/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.15	0.12	0.16	0.12	0.00	0.00
09/12/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/12/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 17:00	0.00	0.00	0.00	0.00	0.00	4.99	4.38	115.38	4.55	5.62	5.62
09/13/2021 18:00	1.33	2.01	2.85	1.68	2.57	2.12	3.49	105.68	2.87	4.35	4.35
09/13/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.10	0.14	0.14
09/13/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/13/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
09/14/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 15:00	0.00	0.00	0.00	0.00	0.00	2.22	0.00	0.00	0.00	0.00
09/14/2021 16:00	2.45	0.00	0.00	0.00	0.00	3.86	0.00	2.02	0.00	2.06
09/14/2021 17:00	2.35	0.00	2.28	0.00	2.69	4.39	1.75	3.90	0.00	4.76
09/14/2021 18:00	2.30	1.84	2.26	0.00	2.76	3.94	3.26	3.71	5.16	4.43
09/14/2021 19:00	0.00	0.43	0.00	0.59	0.00	0.24	0.70	0.15	1.03	0.18
09/14/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/14/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 16:00	0.00	0.00	0.00	0.00	0.00	1.95	2.10	2.21	2.01	0.00
09/15/2021 17:00	2.04	2.26	N/A	1.55	0.00	3.86	91.26	140.28	2.60	0.00
09/15/2021 18:00	2.29	2.24	2.29	2.10	0.00	148.01	3.95	3.51	139.44	0.00
09/15/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.17	0.13	0.15	0.13	0.00
09/15/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/15/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/16/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/16/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/16/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/16/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/16/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/16/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
09/18/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/18/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 17:00	0.00	0.00	0.00	0.00	0.00	57.73	0.00	0.00	0.00	0.00
09/19/2021 18:00	2.80	0.00	0.00	0.00	0.00	84.24	0.00	4.16	2.46	2.37
09/19/2021 19:00	2.80	0.00	2.59	1.72	2.65	149.33	0.00	4.90	3.60	4.53
09/19/2021 20:00	0.00	0.00	1.96	1.03	1.20	0.45	0.00	17.78	2.07	2.55
09/19/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.95	0.00	0.00
09/19/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/19/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
09/20/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	6.78	2.33	1.58	2.33
09/20/2021 17:00	0.00	2.71	2.69	2.87	2.51	1.52	4.96	5.48	8.34	6.43
09/20/2021 18:00	2.63	2.55	2.41	2.11	2.85	142.96	4.80	4.66	3.83	5.40
09/20/2021 19:00	0.63	0.00	0.00	0.00	0.00	0.96	0.13	0.14	0.12	0.20
09/20/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/20/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 15:00	0.00	0.00	0.00	0.00	0.00	2.90	0.00	0.00	0.00	2.18
09/21/2021 16:00	2.86	0.00	0.00	0.00	2.10	189.38	5.34	5.05	3.11	5.68
09/21/2021 17:00	2.26	1.51	1.99	1.65	2.15	3.63	71.90	4.45	3.11	4.33
09/21/2021 18:00	2.52	1.57	2.48	1.86	2.27	5.05	103.09	4.92	3.76	4.80
09/21/2021 19:00	1.04	1.56	0.71	0.46	0.00	2.20	118.06	8.09	93.84	76.43
09/21/2021 20:00	0.00	0.35	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00
09/21/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/21/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 16:00	0.00	0.00	0.00	0.00	0.00	4.08	4.32	3.51	1.36	2.06
09/22/2021 17:00	2.59	1.72	1.93	1.12	2.22	4.84	3.70	3.43	127.95	4.15
09/22/2021 18:00	1.35	0.94	2.10	1.37	2.23	39.40	32.50	92.67	138.44	74.14
09/22/2021 19:00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	5.02	0.58	7.86
09/22/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
09/22/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/22/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 15:00	0.00	0.00	0.00	0.00	0.00	2.26	2.29	3.56	3.48	3.45
09/23/2021 16:00	2.77	1.51	2.58	2.19	N/A	4.07	3.04	4.77	4.05	186.10
09/23/2021 17:00	0.51	0.43	2.50	1.97	2.40	1.26	1.06	4.55	3.62	92.13
09/23/2021 18:00	1.95	1.48	2.21	1.52	2.24	3.37	3.04	103.37	93.71	49.05
09/23/2021 19:00	0.55	0.40	0.00	0.00	0.00	0.88	0.60	0.14	0.13	0.15
09/23/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/23/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 15:00	0.00	0.00	0.00	0.00	0.00	27.02	2.18	1.83	2.07	2.19
09/24/2021 16:00	2.81	2.25	2.49	2.30	2.79	4.89	5.57	5.58	5.43	5.23
09/24/2021 17:00	2.39	2.25	2.55	1.98	2.59	4.17	3.82	4.58	3.33	4.56
09/24/2021 18:00	2.44	2.25	2.31	2.13	2.42	104.70	73.58	108.88	123.22	131.44
09/24/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.22	0.14	0.14	0.13	0.19
09/24/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/24/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/25/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/25/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00







Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
09/29/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/29/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 08:00	0.00	0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	7.59	0.00	1.71	2.60
09/30/2021 17:00	0.00	2.65	0.00	2.22	1.35	1.44	4.72	1.92	3.15	4.35
09/30/2021 18:00	N/A	2.61	N/A	2.24	2.02	91.73	106.45	24.57	4.12	3.58
09/30/2021 19:00	0.00	0.54	2.61	0.00	0.00	7.60	1.15	0.87	0.11	0.10
09/30/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09/30/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 15:00	0.00	0.00	0.00	0.00	0.00	1.65	1.54	1.56	1.98	1.92
10/01/2021 16:00	2.72	1.76	2.93	3.52	2.80	6.61	4.69	6.09	6.02	7.22

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/01/2021 17:00	2.83	2.13	2.39	1.87	2.91	5.03	3.80	4.30	3.34	5.11
10/01/2021 18:00	1.38	1.70	2.12	1.62	2.17	98.78	21.99	19.51	16.90	120.51
10/01/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.00	86.50	70.09	136.56	0.16
10/01/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/01/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 15:00	0.00	0.00	0.00	0.00	0.00	1.84	0.00	2.49	0.00	0.00
10/02/2021 16:00	2.55	0.00	2.80	0.00	0.00	4.31	2.11	4.08	3.82	2.07
10/02/2021 17:00	2.63	2.01	2.45	1.58	2.77	5.06	3.26	4.27	2.82	4.53
10/02/2021 18:00	2.50	1.96	2.37	1.91	2.62	4.71	101.94	103.78	90.91	137.18
10/02/2021 19:00	2.68	0.00	0.00	0.00	0.64	93.27	1.28	8.92	1.05	8.01
10/02/2021 20:00	0.00	0.00	0.00	0.00	0.00	10.11	0.00	0.00	0.00	0.00
10/02/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/02/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 15:00	0.00	0.00	0.00	0.00	0.00	1.45	2.58	1.38	1.68	1.74
10/03/2021 16:00	3.08	2.29	2.30	1.77	2.99	4.62	3.68	4.42	3.20	5.29
10/03/2021 17:00	2.70	1.82	2.04	1.30	2.98	5.28	2.39	2.75	1.71	3.96
10/03/2021 18:00	2.63	2.04	2.33	1.75	2.64	4.56	3.49	4.04	2.89	4.43
10/03/2021 19:00	1.54	1.33	1.43	1.21	1.45	98.01	75.63	34.50	139.70	33.21
10/03/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/03/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/03/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 14:00	0.00	0.00	0.00	0.00	0.00	4.58	2.33	0.00	2.08	0.00
10/04/2021 15:00	2.63	1.67	0.00	2.40	0.00	4.24	3.52	1.79	4.12	2.12
10/04/2021 16:00	2.62	2.19	1.93	2.30	2.43	4.48	3.72	3.32	4.00	4.28
10/04/2021 17:00	2.50	2.30	2.10	2.16	2.55	4.77	3.80	3.37	3.61	4.24
10/04/2021 18:00	2.62	2.29	2.04	2.46	2.28	4.71	4.05	3.58	4.44	4.15
10/04/2021 19:00	2.13	1.83	1.64	1.70	0.42	7.02	3.13	108.34	68.33	0.93
10/04/2021 20:00	0.55	0.46	0.43	0.00	0.00	85.09	0.82	8.06	16.25	0.00
10/04/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/04/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 16:00	0.00	0.00	0.00	0.00	0.00	14.43	1.28	1.64	0.00	0.00
10/05/2021 17:00	2.27	1.89	1.72	0.00	0.00	3.55	2.89	2.86	0.00	0.00
10/05/2021 18:00	2.68	1.94	2.15	0.00	0.00	4.82	3.48	3.98	0.00	0.00
10/05/2021 19:00	0.00	1.15	1.51	0.00	0.00	50.44	22.45	25.27	0.00	0.00
10/05/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/06/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 16:00	0.00	0.00	0.00	0.00	0.00	14.69	2.96	1.68	2.95	0.00
10/06/2021 17:00	2.37	2.05	2.08	2.10	0.00	4.07	3.13	3.55	2.94	4.46
10/06/2021 18:00	2.53	2.21	2.32	1.86	1.32	5.69	58.79	3.85	91.87	1.74
10/06/2021 19:00	0.00	0.00	0.00	0.00	0.00	100.59	1.80	54.19	14.32	0.00
10/06/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 16:00	0.00	0.00	0.00	0.00	0.00	3.19	0.00	0.00	0.00	0.00
10/07/2021 17:00	2.29	0.00	0.00	0.00	0.00	3.76	0.00	0.00	0.00	0.00
10/07/2021 18:00	2.12	0.00	0.00	0.00	0.00	3.29	0.00	0.00	0.00	0.00
10/07/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
10/07/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/07/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/08/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/08/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/08/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/08/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/08/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/08/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/08/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/08/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00





Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/12/2021 18:00	2.47	1.89	2.48	0.00	0.00	122.37	111.17	127.59	0.00	0.00
10/12/2021 19:00	0.60	0.46	0.00	0.00	0.00	1.22	1.13	0.13	0.00	0.00
10/12/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/12/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 04:00	0.00	0.00	0.00	0.00	0.00	11.05	6.32	4.48	4.11	3.81
10/13/2021 05:00	2.97	2.37	2.77	2.42	2.54	5.71	92.95	94.82	151.13	101.82
10/13/2021 06:00	3.07	1.65	2.24	1.20	1.20	83.21	3.01	4.49	2.34	2.46
10/13/2021 07:00	0.00	0.00	0.00	0.00	0.00	23.94	0.00	0.00	0.00	0.00
10/13/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 16:00	0.00	0.00	0.00	0.00	0.00	3.17	1.60	2.33	8.34	0.00
10/13/2021 17:00	2.35	1.56	2.85	1.68	0.00	4.45	3.17	4.80	3.01	4.94
10/13/2021 18:00	2.58	1.94	2.83	1.82	2.21	4.88	3.60	5.42	3.38	4.08
10/13/2021 19:00	2.68	1.41	2.96	1.07	1.06	5.42	2.90	5.79	2.21	2.20
10/13/2021 20:00	1.38	0.00	1.41	0.00	0.00	2.89	0.00	2.70	0.00	0.00
10/13/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 15:00	0.00	0.00	0.00	0.00	0.00	1.48	0.00	1.61	0.00	0.00
10/14/2021 16:00	2.93	0.00	2.69	0.00	0.00	5.82	1.46	6.24	1.53	1.87
10/14/2021 17:00	2.56	1.89	1.71	1.16	1.96	4.67	2.64	2.69	2.24	3.54
10/14/2021 18:00	2.75	1.78	2.03	1.85	2.25	5.29	3.83	3.79	57.07	48.24
10/14/2021 19:00	2.26	0.69	0.86	0.00	0.00	102.35	128.02	94.59	37.87	55.20
10/14/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/14/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/14/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00	0.00
10/15/2021 16:00	0.00	2.11	0.00	0.00	0.00	4.26	5.81	5.51	5.10	4.00
10/15/2021 17:00	2.58	2.38	2.76	2.44	2.62	5.14	4.75	5.45	4.87	5.20
10/15/2021 18:00	2.60	2.45	2.61	2.29	2.87	5.06	4.50	4.78	4.25	111.50
10/15/2021 19:00	2.55	2.32	2.79	0.51	0.00	5.06	4.27	5.51	1.08	0.17
10/15/2021 20:00	2.78	1.84	3.27	0.00	0.00	5.55	3.63	40.89	0.00	0.00
10/15/2021 21:00	0.79	0.00	0.00	0.00	0.00	97.16	0.00	59.54	0.00	0.00
10/15/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/15/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 15:00	0.00	0.00	0.00	0.00	0.00	1.36	1.16	1.24	1.63	1.60
10/16/2021 16:00	2.77	1.74	3.12	2.80	2.72	5.95	5.36	5.08	5.07	5.00
10/16/2021 17:00	2.76	2.06	2.75	2.09	2.73	5.44	74.76	102.85	72.59	83.47
10/16/2021 18:00	2.31	2.04	2.64	2.05	2.57	3.40	3.81	4.97	3.73	4.81
10/16/2021 19:00	0.54	0.35	0.64	0.00	0.00	1.27	0.72	1.37	0.09	0.14
10/16/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/16/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/17/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 15:00	0.00	0.00	0.00	0.00	0.00	4.45	6.57	1.35	1.34	2.35
10/17/2021 16:00	2.06	2.06	2.87	1.69	2.46	4.90	4.00	4.64	3.64	4.81
10/17/2021 17:00	2.42	2.21	2.47	1.95	2.52	3.92	3.48	4.09	3.32	4.02
10/17/2021 18:00	2.33	2.24	2.53	2.29	2.55	4.30	4.10	4.66	4.30	4.67
10/17/2021 19:00	2.54	2.52	2.29	1.79	2.65	86.92	79.10	86.63	111.31	99.88
10/17/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.16	0.17	0.13	0.12	0.14
10/17/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/17/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.00	1.77	1.95
10/18/2021 17:00	0.00	2.28	0.00	1.80	2.77	1.64	2.98	1.94	2.31	3.78
10/18/2021 18:00	2.16	2.03	2.89	2.21	2.47	3.81	118.59	4.66	120.26	88.49
10/18/2021 19:00	0.49	0.00	0.55	0.00	0.00	0.80	0.13	0.83	0.14	0.20
10/18/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/18/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 04:00	0.00	0.00	0.00	0.00	0.00	3.41	2.65	3.18	0.00	0.00
10/19/2021 05:00	2.21	1.94	2.63	0.00	0.00	4.41	3.83	5.22	4.45	5.31
10/19/2021 06:00	1.78	1.76	2.09	1.43	1.23	3.50	3.36	4.02	2.71	2.51
10/19/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/19/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 16:00	0.00	0.00	0.00	0.00	0.00	4.37	0.00	0.00	0.00	0.00
10/19/2021 17:00	2.49	0.00	0.00	0.00	0.00	4.79	3.09	3.91	3.07	2.87
10/19/2021 18:00	2.06	1.93	2.90	3.11	2.56	4.18	3.61	5.60	6.01	4.86
10/19/2021 19:00	0.00	1.99	2.86	2.22	1.89	0.00	32.92	29.75	4.62	3.87
10/19/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 04:00	0.00	0.00	0.00	0.00	0.00	4.42	4.25	4.13	0.00	4.51
10/20/2021 05:00	2.55	2.16	2.80	0.00	2.78	122.59	4.43	5.43	4.46	111.41
10/20/2021 06:00	1.33	1.15	1.30	1.47	1.30	2.77	2.38	2.64	3.41	2.87
10/20/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	1.79	0.00	1.27	1.41
10/20/2021 16:00	0.00	1.80	0.00	2.38	2.53	4.99	3.26	3.73	4.23	4.33
10/20/2021 17:00	2.52	1.75	2.44	2.32	2.22	4.83	3.47	4.55	4.57	4.28
10/20/2021 18:00	2.78	1.96	2.65	2.43	2.41	5.42	3.70	5.10	4.62	4.80
10/20/2021 19:00	0.60	1.95	2.62	2.42	2.43	1.27	3.62	5.03	4.68	4.81
10/20/2021 20:00	0.00	2.00	2.54	2.36	1.84	0.00	35.92	5.03	33.36	3.73
10/20/2021 21:00	0.00	0.00	1.72	0.00	0.00	0.00	37.41	106.12	124.44	0.00
10/20/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 04:00	0.00	0.00	0.00	0.00	0.00	3.97	3.96	4.65	3.79	1.82
10/21/2021 05:00	2.78	2.23	2.73	2.56	2.79	5.47	4.39	5.05	5.29	5.40
10/21/2021 06:00	2.10	1.69	1.87	1.71	1.37	4.29	3.45	3.75	3.50	2.83
10/21/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/21/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 15:00	0.00	0.00	0.00	0.00	0.00	3.75	1.55	3.06	1.85	1.87
10/21/2021 16:00	2.80	2.02	2.46	2.23	2.47	5.13	3.90	4.55	5.11	4.94
10/21/2021 17:00	2.68	1.77	2.88	2.18	2.37	5.35	3.57	5.61	4.33	4.57
10/21/2021 18:00	2.84	2.17	2.77	2.18	2.74	5.06	3.95	4.98	3.90	4.92
10/21/2021 19:00	3.07	1.99	2.86	1.96	0.89	6.04	111.20	23.09	38.61	99.09
10/21/2021 20:00	1.16	0.00	0.00	0.00	0.00	80.30	0.15	0.00	0.00	0.00
10/21/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 04:00	0.00	0.00	0.00	0.00	0.00	4.54	3.93	4.86	4.92	5.05
10/22/2021 05:00	2.91	2.20	3.15	2.59	2.79	5.65	4.38	5.80	5.10	5.44
10/22/2021 06:00	1.42	1.24	1.38	1.27	0.69	2.91	2.50	2.85	2.68	1.53
10/22/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 16:00	0.00	0.00	0.00	0.00	0.00	2.36	0.00	0.00	0.00	0.00
10/22/2021 17:00	3.09	0.00	0.00	0.00	0.00	4.03	0.00	0.00	0.00	0.00
10/22/2021 18:00	2.72	0.00	0.00	0.00	0.00	5.01	0.00	0.00	0.00	0.00
10/22/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
10/22/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/23/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 15:00	0.00	0.00	0.00	0.00	0.00	5.65	3.87	3.44	0.00	0.00
10/24/2021 16:00	2.78	1.73	2.85	0.00	0.00	5.33	3.53	5.08	5.98	5.56
10/24/2021 17:00	2.83	2.14	2.99	0.00	2.40	5.22	3.83	5.48	0.52	4.69
10/24/2021 18:00	2.81	2.01	2.86	0.00	2.37	5.54	3.83	5.50	0.00	4.69
10/24/2021 19:00	2.55	2.07	2.92	N/A	2.54	4.84	3.85	5.74	0.00	4.96
10/24/2021 20:00	2.65	2.05	2.91	0.00	2.47	5.34	3.97	5.65	0.00	4.89
10/24/2021 21:00	1.73	1.52	2.07	0.00	1.76	54.05	99.65	37.06	0.00	103.37
10/24/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/24/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 04:00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 17:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 18:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/26/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 05:00	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 07:00	0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 08:00	0.00	0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 09:00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 10:00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00	0.00	0.00
10/26/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 16:00	0.00	0.00	0.00	0.00	0.00	2.98	2.92	2.25	2.16	0.00
10/26/2021 17:00	2.20	2.39	2.51	1.49	0.00	4.01	3.25	3.81	2.73	0.00
10/26/2021 18:00	2.67	2.02	2.45	1.74	0.00	4.86	3.55	4.47	3.18	0.00
10/26/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.15	0.11	0.13	0.10	0.00
10/26/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 04:00	0.00	0.00	0.00	0.00	0.00	4.71	3.38	4.24	2.95	0.00
10/27/2021 05:00	2.78	1.95	2.53	1.72	0.00	5.56	3.74	5.07	3.66	4.48
10/27/2021 06:00	2.27	1.71	1.87	1.29	1.79	4.32	3.23	3.55	2.43	3.40
10/27/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 16:00	0.00	0.00	0.00	0.00	0.00	4.72	0.00	4.11	2.91	3.04
10/27/2021 17:00	3.06	0.00	2.89	0.00	2.30	5.82	0.00	5.92	2.11	4.36
10/27/2021 18:00	2.94	0.00	3.02	0.00	2.93	5.77	0.00	5.88	0.00	5.61
10/27/2021 19:00	2.18	0.00	2.63	0.00	1.97	4.47	0.00	123.91	0.00	87.26
10/27/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
10/27/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
10/28/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	2.00	1.92	2.29
10/28/2021 16:00	0.00	1.97	2.64	1.72	2.69	2.71	3.59	5.20	4.71	4.70
10/28/2021 17:00	3.16	1.69	2.75	1.97	2.21	5.60	75.34	129.89	99.44	141.44
10/28/2021 18:00	0.00	1.77	2.89	2.12	2.48	128.27	3.55	5.66	4.15	4.88
10/28/2021 19:00	0.00	2.12	2.76	2.11	2.69	0.00	3.97	5.18	3.96	5.05
10/28/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.17	0.11	0.20
10/28/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 15:00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	2.17	1.82	2.26
10/29/2021 16:00	3.67	0.00	3.02	2.83	3.49	6.19	6.05	5.25	6.69	5.70
10/29/2021 17:00	2.67	2.67	2.60	2.33	2.83	4.73	4.25	4.51	4.01	4.75
10/29/2021 18:00	2.84	2.88	3.01	3.16	3.05	5.58	75.04	150.35	133.34	100.76
10/29/2021 19:00	3.07	0.00	0.00	0.00	0.00	134.11	0.13	0.15	0.12	0.19
10/29/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00
10/29/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/29/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/30/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
11/01/2021 15:00	0.00	0.00	0.00	0.00	0.00	13.58	1.82	0.00	0.00	0.00
11/01/2021 16:00	1.76	2.12	0.00	0.00	0.00	2.67	3.95	4.91	4.86	5.54
11/01/2021 17:00	2.81	2.00	2.84	2.92	2.66	5.50	3.43	5.27	5.76	5.02
11/01/2021 18:00	1.61	2.09	1.39	1.87	1.89	45.58	3.77	38.03	122.48	32.70
11/01/2021 19:00	0.00	2.01	0.00	0.00	0.00	0.00	158.99	0.00	0.14	0.00
11/01/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
11/01/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/01/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/01/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 05:00	0.00	0.00	0.00	0.00	0.00	5.80	4.99	5.80	4.75	5.14
11/02/2021 06:00	2.85	2.37	2.91	2.60	2.97	5.57	4.60	5.69	5.21	5.64
11/02/2021 07:00	1.34	1.35	1.45	1.23	1.45	2.83	2.77	2.93	2.55	3.06
11/02/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/02/2021 15:00	0.00	0.00	0.00	0.00	0.00	2.68	1.79	0.00	1.94	0.00
11/02/2021 16:00	2.76	1.82	0.00	1.28	0.00	5.20	4.66	4.25	3.99	4.68
11/02/2021 17:00	2.67	2.01	2.77	2.44	2.95	5.46	3.77	5.24	4.62	5.72
11/02/2021 18:00	2.75	2.10	2.74	2.62	2.96	5.53	3.96	5.48	5.08	5.77
11/02/2021 19:00	2.77	1.98	2.56	2.52	3.02	5.53	3.66	4.66	4.84	5.88
11/02/2021 20:00	2.88	2.00	0.00	2.17	3.01	5.64	3.81	0.08	4.20	5.89
11/02/2021 21:00	2.89	2.06	0.00	2.07	3.11	5.56	4.04	0.00	4.01	6.00
11/02/2021 22:00	0.92	0.68	0.00	0.00	0.00	149.06	89.06	0.00	64.27	65.85
11/02/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 03:00	0.00	0.00	0.00	0.00	0.00	3.29	0.00	0.00	0.00	0.00
11/03/2021 04:00	2.28	0.00	0.00	0.00	0.00	4.87	4.87	0.00	4.11	5.29
11/03/2021 05:00	2.51	2.12	0.00	2.27	3.18	4.83	4.47	0.00	4.39	6.11
11/03/2021 06:00	2.45	2.24	0.00	1.65	3.04	4.54	4.27	0.00	3.33	5.82
11/03/2021 07:00	1.18	1.15	0.00	0.94	1.54	2.00	2.40	0.00	1.93	3.06
11/03/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 15:00	0.00	0.00	0.00	0.00	0.00	2.84	2.36	0.00	2.41	3.85
11/03/2021 16:00	2.55	2.27	0.00	1.63	3.11	3.77	3.73	0.00	3.83	4.97
11/03/2021 17:00	2.62	2.15	0.00	1.72	2.66	5.18	3.58	0.00	2.83	4.42
11/03/2021 18:00	2.61	2.27	0.00	1.87	2.14	5.19	3.90	0.00	128.48	111.77
11/03/2021 19:00	1.62	0.65	0.00	0.00	0.00	59.43	105.42	0.00	0.00	0.00



Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
11/03/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/03/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 04:00	0.00	0.00	0.00	0.00	0.00	3.76	4.30	0.00	0.00	0.00
11/04/2021 05:00	2.72	2.14	0.00	0.00	0.00	5.30	4.32	0.00	4.35	4.87
11/04/2021 06:00	2.55	1.68	0.00	1.41	2.30	96.30	3.41	0.00	3.09	4.92
11/04/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00
11/04/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 15:00	0.00	0.00	0.00	0.00	0.00	2.99	3.53	0.00	3.52	2.37
11/04/2021 16:00	2.14	1.80	0.00	1.55	2.45	3.63	3.11	0.00	2.62	3.48
11/04/2021 17:00	2.43	2.03	0.00	1.71	2.38	4.29	3.60	0.00	3.20	4.32
11/04/2021 18:00	0.55	0.00	0.00	0.00	0.00	1.01	0.14	0.00	0.13	0.21
11/04/2021 19:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/04/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 15:00	0.00	0.00	0.00	0.00	0.00	3.49	2.89	0.00	2.85	3.31
11/05/2021 16:00	2.02	1.85	0.00	1.36	2.04	3.53	3.28	0.00	2.43	3.89
11/05/2021 17:00	2.73	1.99	0.00	1.62	2.60	5.00	3.68	0.00	3.00	4.80
11/05/2021 18:00	2.70	1.92	0.00	1.73	2.51	5.27	29.12	0.00	26.79	24.89
11/05/2021 19:00	2.83	0.00	0.00	0.00	0.00	30.20	14.53	0.00	26.84	17.78
11/05/2021 20:00	0.00	0.00	0.00	0.00	0.00	32.26	0.00	0.00	0.00	0.00
11/05/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/05/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
11/06/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 17:00	0.00	0.00	0.00	0.00	0.00	1.87	0.00	4.24	0.00	0.00
11/06/2021 18:00	1.82	0.00	0.81	0.00	0.00	2.42	0.00	0.97	0.00	0.00
11/06/2021 19:00	0.56	0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.00	0.00
11/06/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/06/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 15:00	0.00	0.00	0.00	0.00	0.00	38.54	4.11	4.20	3.31	4.45
11/07/2021 16:00	1.76	1.74	1.92	1.50	2.36	2.99	2.82	2.93	2.45	3.99
11/07/2021 17:00	2.17	1.92	2.15	1.61	2.57	3.60	3.19	3.57	2.83	4.27
11/07/2021 18:00	1.87	1.71	1.98	0.88	2.05	2.82	2.59	2.92	1.42	2.77
11/07/2021 19:00	2.38	0.70	2.60	0.00	0.00	11.48	57.01	81.32	0.00	0.00
11/07/2021 20:00	0.00	0.00	0.00	0.00	0.00	129.36	0.00	0.17	0.00	0.00
11/07/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/07/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 05:00	0.00	0.00	0.00	0.00	0.00	2.15	4.05	4.71	0.00	0.00

Period Start:	Average COCorrH1 ppm	Average COCorrH2 ppm	Average COCorrH3 ppm	Average COCorrH4 ppm	Average COCorrH5 ppm	Average COLbHr1 #/hr	Average COLbHr2 #/hr	Average COLbHr3 #/hr	Average COLbHr4 #/hr	Average COLbHr5 #/hr
11/08/2021 06:00	0.00	1.35	2.15	0.00	0.00	3.65	3.43	4.76	0.00	0.00
11/08/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 15:00	0.00	0.00	0.00	0.00	0.00	1.71	2.14	1.91	1.89	0.00
11/08/2021 16:00	2.40	2.32	2.77	2.00	0.00	4.11	3.68	4.13	3.00	2.87
11/08/2021 17:00	2.41	2.04	2.56	2.43	2.64	4.58	3.77	4.81	4.60	4.71
11/08/2021 18:00	2.66	2.29	2.46	2.56	2.86	4.93	69.36	92.95	73.91	5.29
11/08/2021 19:00	2.50	2.27	2.77	0.70	0.71	104.11	4.41	5.32	1.52	1.52
11/08/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.21	0.16	0.22	0.00	0.00
11/08/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/08/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 00:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 01:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 02:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 03:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 04:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 05:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 06:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 07:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 08:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 09:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 15:00	0.00	0.00	0.00	0.00	0.00	2.34	2.09	0.00	0.00	0.00
11/09/2021 16:00	1.67	1.53	0.00	0.00	0.00	3.05	2.92	2.22	2.35	4.65
11/09/2021 17:00	2.00	1.66	2.00	2.21	2.31	3.44	2.65	2.63	2.57	3.84
11/09/2021 18:00	2.38	2.08	2.40	2.58	2.61	4.63	4.84	4.64	87.91	5.02
11/09/2021 19:00	1.83	0.00	0.88	0.61	0.00	3.65	85.85	64.94	44.31	0.21
11/09/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11/09/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Final Average*</b>	<b>0.27</b>	<b>0.19</b>	<b>0.21</b>	<b>0.16</b>	<b>0.19</b>	<b>3.17</b>	<b>2.32</b>	<b>2.39</b>	<b>2.38</b>	<b>2.05</b>
<b>Maximum*</b>	<b>3.67</b>	<b>2.88</b>	<b>3.27</b>	<b>3.52</b>	<b>3.49</b>	<b>189.38</b>	<b>158.99</b>	<b>150.35</b>	<b>151.13</b>	<b>186.10</b>
	10/29/2021	10/29/2021	10/15/2021	10/01/2021	10/29/2021	09/21/2021	11/01/2021	10/29/2021	10/13/2021	09/23/2021
	16:00	18:00	20:00	16:00	16:00	16:00	19:00	18:00	5:00	16:00
<b>Minimum*</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
	11/09/2021	11/09/2021	11/09/2021	11/09/2021	11/09/2021	11/09/2021	11/09/2021	11/09/2021	11/09/2021	11/09/2021
	23:00	23:00	23:00	23:00	23:00	23:00	23:00	23:00	23:00	23:00

\* Does not include Invalid Averaging Periods ("N/A")

NOx Emissions Hourly Totals Report  
 NRG  
 Walnut Creek  
 Report Period 9/10/2021 00:00 to 11/9/2021 23:59  
 Generated: 11/19/2021

Source: Units 1-5: includes startup and shutdown emissions  
 CEMS ID NO.:

Hourly Summary - worksheet 1

MM/DD/YYYY	NOxMRTU_1 Hourly Total (lbs/hr)	NOxMRTU_2 Hourly Total (lbs/hr)	NOxMRTU_3 Hourly Total (lbs/hr)	NOxMRTU_4 Hourly Total (lbs/hr)	NOxMRTU_5 Hourly Total (lbs/hr)
9/10/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 16:00	15.77	0.00	0.00	0.00	0.00
9/10/2021 17:00	6.86	12.49	17.43	0.00	0.00
9/10/2021 18:00	2.20	4.22	2.37	0.00	0.00
9/10/2021 19:00	0.00	1.22	0.00	0.00	0.00
9/10/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/10/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 10, 2021 Values</b>	<b>24.83 T</b>	<b>17.93 T</b>	<b>19.80 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
9/11/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 16:00	17.00	2.60	3.01	3.37	0.00
9/11/2021 17:00	6.51	14.69	16.07	16.18	15.48
9/11/2021 18:00	5.83	5.73	6.10	6.17	5.87
9/11/2021 19:00	0.10	6.44	6.82	0.15	0.12
9/11/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/11/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 11, 2021 Values</b>	<b>29.44 T</b>	<b>29.46 T</b>	<b>32.00 T</b>	<b>25.87 T</b>	<b>21.47 T</b>
9/12/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 15:00	3.53	0.00	3.25	0.00	0.00
9/12/2021 16:00	15.33	2.50	12.87	3.42	3.21
9/12/2021 17:00	6.41	14.83	5.95	14.02	11.97
9/12/2021 18:00	5.29	5.65	5.86	5.53	6.05
9/12/2021 19:00	6.10	5.72	6.79	6.20	0.00
9/12/2021 20:00	0.12	0.12	0.18	0.14	0.00
9/12/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/12/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 12, 2021 Values</b>	<b>36.78 T</b>	<b>28.82 T</b>	<b>34.90 T</b>	<b>29.31 T</b>	<b>21.23 T</b>
9/13/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/13/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/13/2021 2:00	0.00	0.00	0.00	0.00	0.00

9/13/2021 3:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 4:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 5:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 6:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 7:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 8:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 9:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 17:00	20.47	15.84	34.12	18.06	15.45	15.45
9/13/2021 18:00	2.72	5.06	17.13	6.12	6.01	6.01
9/13/2021 19:00	0.00	0.12	0.13	0.14	0.14	0.14
9/13/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00
9/13/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Sep 13, 2021 Values</b>	<b>23.19 T</b>	<b>21.02 T</b>	<b>51.38 T</b>	<b>24.32 T</b>	<b>21.60 T</b>	
9/14/2021 0:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 1:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 2:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 3:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 4:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 5:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 6:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 7:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 8:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 9:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 15:00	3.26	0.00	0.00	0.00	0.00	0.00
9/14/2021 16:00	17.79	0.00	3.17	0.00	3.09	3.09
9/14/2021 17:00	6.27	2.58	15.62	0.00	13.05	13.05
9/14/2021 18:00	5.21	10.39	5.31	15.34	5.24	5.24
9/14/2021 19:00	0.14	1.28	0.13	2.51	0.13	0.13
9/14/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00
9/14/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Sep 14, 2021 Values</b>	<b>32.67 T</b>	<b>14.25 T</b>	<b>24.23 T</b>	<b>17.85 T</b>	<b>21.51 T</b>	
9/15/2021 0:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 1:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 2:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 3:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 4:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 5:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 6:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 7:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 8:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 9:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 16:00	3.45	2.72	3.18	3.44	0.00	0.00
9/15/2021 17:00	11.97	12.17	23.46	11.40	0.00	0.00
9/15/2021 18:00	4.53	5.25	6.53	6.23	0.00	0.00
9/15/2021 19:00	0.12	0.13	0.14	0.12	0.00	0.00
9/15/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00
9/15/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Sep 15, 2021 Values</b>	<b>20.07 T</b>	<b>20.27 T</b>	<b>33.31 T</b>	<b>21.19 T</b>	<b>0.00 T</b>	
9/16/2021 0:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 1:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 2:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 3:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 4:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 5:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 6:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 7:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 8:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 9:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 16:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 17:00	0.00	0.00	0.00	0.00	0.00	0.00
9/16/2021 18:00	0.00	0.00	0.00	0.00	0.00	0.00

9/16/2021 19:00	0.00	0.00	0.00	0.00	0.00
9/16/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/16/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/16/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/16/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 16, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
9/17/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 16:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 17:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 18:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 19:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/17/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 17, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
9/18/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 16:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 17:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 18:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 19:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/18/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 18, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
9/19/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 16:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 17:00	25.44	0.00	0.00	0.00	0.00
9/19/2021 18:00	6.39	0.00	17.72	3.35	3.05
9/19/2021 19:00	6.34	0.00	6.82	17.60	14.84
9/19/2021 20:00	0.19	0.00	4.18	3.58	3.57
9/19/2021 21:00	0.00	0.00	0.16	0.00	0.00
9/19/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/19/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 19, 2021 Values</b>	<b>38.36 T</b>	<b>0.00 T</b>	<b>28.88 T</b>	<b>24.53 T</b>	<b>21.46 T</b>
9/20/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 9:00	0.00	0.00	0.00	0.00	0.00

9/20/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 16:00	0.00	2.82	3.41	3.75	3.49
9/20/2021 17:00	3.29	14.71	15.96	15.16	13.78
9/20/2021 18:00	31.33	6.03	6.50	6.37	6.44
9/20/2021 19:00	1.19	0.16	0.15	0.19	0.16
9/20/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/20/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 20, 2021 Values</b>	<b>35.81 T</b>	<b>23.72 T</b>	<b>26.02 T</b>	<b>25.47 T</b>	<b>23.87 T</b>
9/21/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 15:00	22.43	0.00	0.00	0.00	3.27
9/21/2021 16:00	6.83	14.65	17.53	3.25	13.30
9/21/2021 17:00	6.69	6.49	7.29	17.21	6.71
9/21/2021 18:00	6.80	6.51	7.27	7.03	6.78
9/21/2021 19:00	3.35	4.16	2.23	2.32	0.00
9/21/2021 20:00	0.00	1.80	0.00	0.00	0.00
9/21/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/21/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 21, 2021 Values</b>	<b>46.10 T</b>	<b>33.61 T</b>	<b>34.32 T</b>	<b>29.81 T</b>	<b>30.06 T</b>
9/22/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 16:00	18.70	14.54	14.76	0.00	3.21
9/22/2021 17:00	6.54	6.51	5.47	5.60	8.83
9/22/2021 18:00	4.46	4.23	6.34	3.78	5.36
9/22/2021 19:00	0.00	0.00	0.00	1.97	0.00
9/22/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/22/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 22, 2021 Values</b>	<b>29.70 T</b>	<b>25.28 T</b>	<b>26.57 T</b>	<b>11.35 T</b>	<b>17.40 T</b>
9/23/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 15:00	3.24	2.71	3.19	3.33	2.95
9/23/2021 16:00	12.67	10.61	11.41	11.77	29.24
9/23/2021 17:00	3.87	3.93	6.21	6.34	6.21
9/23/2021 18:00	8.57	6.69	5.83	5.76	6.03
9/23/2021 19:00	1.10	1.15	0.12	0.11	0.15
9/23/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/23/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 23, 2021 Values</b>	<b>29.45 T</b>	<b>25.09 T</b>	<b>26.76 T</b>	<b>27.31 T</b>	<b>44.58 T</b>
9/24/2021 0:00	0.00	0.00	0.00	0.00	0.00





9/27/2021 17:00	0.00	0.00	0.00	0.00	0.00
9/27/2021 18:00	0.00	0.00	0.00	0.00	0.00
9/27/2021 19:00	0.00	0.00	0.00	0.00	0.00
9/27/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/27/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/27/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/27/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 27, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
9/28/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 4:00	17.43	0.00	0.00	0.00	0.00
9/28/2021 5:00	6.50	0.00	0.00	0.00	0.00
9/28/2021 6:00	2.81	0.00	0.00	0.00	0.00
9/28/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 16:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 17:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 18:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 19:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/28/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 28, 2021 Values</b>	<b>26.74 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
9/29/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 16:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 17:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 18:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 19:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/29/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 29, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
9/30/2021 0:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 1:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 2:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 3:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 4:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 5:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 6:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 7:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 8:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 9:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 10:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 11:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 12:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 13:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 14:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 15:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 16:00	0.00	3.16	0.00	4.17	3.70
9/30/2021 17:00	3.56	11.87	3.60	12.54	12.12
9/30/2021 18:00	22.72	5.98	9.12	6.29	6.52
9/30/2021 19:00	1.38	1.49	1.25	0.15	0.14
9/30/2021 20:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 21:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 22:00	0.00	0.00	0.00	0.00	0.00
9/30/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Sep 30, 2021 Values</b>	<b>27.66 T</b>	<b>22.50 T</b>	<b>13.97 T</b>	<b>23.15 T</b>	<b>22.48 T</b>
10/1/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 7:00	0.00	0.00	0.00	0.00	0.00

10/1/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 15:00	3.78	3.19	3.74	3.77	3.50
10/1/2021 16:00	16.91	14.70	16.32	13.03	13.55
10/1/2021 17:00	5.89	5.91	6.31	6.30	6.13
10/1/2021 18:00	6.63	6.43	6.73	6.71	6.62
10/1/2021 19:00	0.00	0.16	0.23	0.15	0.12
10/1/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/1/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 01, 2021 Values</b>	<b>33.21 T</b>	<b>30.39 T</b>	<b>33.33 T</b>	<b>29.96 T</b>	<b>29.92 T</b>
10/2/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 15:00	3.30	0.00	3.63	0.00	0.00
10/2/2021 16:00	15.20	2.86	14.97	17.09	3.28
10/2/2021 17:00	5.82	13.94	5.98	5.98	13.05
10/2/2021 18:00	5.49	5.72	6.53	6.20	6.42
10/2/2021 19:00	6.73	1.43	1.70	1.71	1.53
10/2/2021 20:00	1.47	0.00	0.00	0.00	0.00
10/2/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/2/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 02, 2021 Values</b>	<b>38.01 T</b>	<b>23.95 T</b>	<b>32.81 T</b>	<b>30.98 T</b>	<b>24.28 T</b>
10/3/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 15:00	3.90	3.00	3.79	3.99	3.25
10/3/2021 16:00	17.98	13.65	15.63	15.02	13.00
10/3/2021 17:00	6.55	4.25	4.76	4.65	4.60
10/3/2021 18:00	5.29	5.10	6.02	5.55	5.91
10/3/2021 19:00	4.54	4.11	4.57	4.38	4.44
10/3/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/3/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 03, 2021 Values</b>	<b>38.26 T</b>	<b>30.11 T</b>	<b>34.77 T</b>	<b>33.59 T</b>	<b>31.20 T</b>
10/4/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 14:00	3.48	2.74	0.00	3.82	0.00
10/4/2021 15:00	17.87	14.80	3.39	17.39	3.18
10/4/2021 16:00	5.03	5.05	15.68	5.56	12.72
10/4/2021 17:00	6.11	5.19	6.11	5.53	5.68
10/4/2021 18:00	4.68	4.97	5.60	5.42	5.92
10/4/2021 19:00	5.03	5.04	5.87	5.82	2.03
10/4/2021 20:00	1.45	1.43	1.19	1.62	0.00
10/4/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/4/2021 23:00	0.00	0.00	0.00	0.00	0.00

<b>Oct 04, 2021 Values</b>	<b>43.65 T</b>	<b>39.22 T</b>	<b>37.84 T</b>	<b>45.16 T</b>	<b>29.53 T</b>
10/5/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 16:00	18.67	2.47	3.21	0.00	0.00
10/5/2021 17:00	5.16	9.95	11.85	0.00	0.00
10/5/2021 18:00	5.87	5.37	6.22	0.00	0.00
10/5/2021 19:00	0.00	2.72	2.91	0.00	0.00
10/5/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/5/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 05, 2021 Values</b>	<b>29.70 T</b>	<b>20.51 T</b>	<b>24.19 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/6/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 16:00	16.50	12.68	3.14	16.02	0.00
10/6/2021 17:00	5.26	5.31	15.63	5.91	10.73
10/6/2021 18:00	5.34	5.30	5.72	5.79	2.22
10/6/2021 19:00	0.10	0.00	0.00	0.00	0.00
10/6/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/6/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 06, 2021 Values</b>	<b>27.20 T</b>	<b>23.29 T</b>	<b>24.49 T</b>	<b>27.72 T</b>	<b>12.95 T</b>
10/7/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 16:00	3.48	0.00	0.00	0.00	0.00
10/7/2021 17:00	16.54	0.00	0.00	0.00	0.00
10/7/2021 18:00	5.21	0.00	0.00	0.00	0.00
10/7/2021 19:00	0.14	0.00	0.00	0.00	0.00
10/7/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/7/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 07, 2021 Values</b>	<b>25.37 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/8/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 14:00	0.00	0.00	0.00	0.00	0.00

10/8/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 16:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 17:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 18:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 19:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/8/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 08, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/9/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 16:00	17.80	0.00	0.00	0.00	0.00
10/9/2021 17:00	6.53	0.00	0.00	0.00	0.00
10/9/2021 18:00	3.43	0.00	0.00	0.00	0.00
10/9/2021 19:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/9/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 09, 2021 Values</b>	<b>27.76 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/10/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 16:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 17:00	19.29	10.65	22.61	14.44	0.00
10/10/2021 18:00	2.03	5.40	2.02	4.31	0.00
10/10/2021 19:00	0.00	0.14	0.00	0.14	0.00
10/10/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/10/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 10, 2021 Values</b>	<b>21.32 T</b>	<b>16.19 T</b>	<b>24.63 T</b>	<b>18.89 T</b>	<b>0.00 T</b>
10/11/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 16:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 17:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 18:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 19:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/11/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 11, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/12/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 5:00	0.00	0.00	0.00	0.00	0.00

10/12/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 16:00	3.69	2.89	3.89	0.00	0.00
10/12/2021 17:00	19.14	15.85	21.95	0.00	0.00
10/12/2021 18:00	5.62	5.39	5.88	0.00	0.00
10/12/2021 19:00	1.47	1.42	0.13	0.00	0.00
10/12/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/12/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 12, 2021 Values</b>	<b>29.92 T</b>	<b>25.55 T</b>	<b>31.85 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/13/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 4:00	20.12	16.11	19.31	24.75	16.97
10/13/2021 5:00	5.98	5.78	7.32	6.85	6.93
10/13/2021 6:00	5.86	4.13	5.44	3.52	3.49
10/13/2021 7:00	1.72	0.00	0.00	0.00	0.00
10/13/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 16:00	25.58	14.47	18.65	19.87	0.00
10/13/2021 17:00	7.31	6.57	8.54	6.91	17.86
10/13/2021 18:00	6.00	5.64	6.54	6.46	6.66
10/13/2021 19:00	6.54	4.55	7.13	3.59	3.66
10/13/2021 20:00	3.56	0.00	2.90	0.00	0.00
10/13/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/13/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 13, 2021 Values</b>	<b>82.67 T</b>	<b>57.25 T</b>	<b>75.83 T</b>	<b>71.95 T</b>	<b>55.57 T</b>
10/14/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 15:00	3.44	0.00	3.88	0.00	0.00
10/14/2021 16:00	17.45	2.88	18.71	3.71	3.46
10/14/2021 17:00	6.60	13.87	5.28	17.70	12.37
10/14/2021 18:00	5.94	5.75	8.17	5.92	6.23
10/14/2021 19:00	4.59	1.77	2.18	1.55	1.41
10/14/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/14/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 14, 2021 Values</b>	<b>38.02 T</b>	<b>24.27 T</b>	<b>38.22 T</b>	<b>28.88 T</b>	<b>23.47 T</b>
10/15/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/15/2021 15:00	0.00	3.28	0.00	0.00	0.00
10/15/2021 16:00	18.12	12.18	15.59	17.68	13.19
10/15/2021 17:00	6.47	6.34	7.00	6.76	6.72
10/15/2021 18:00	6.54	6.13	6.72	6.51	6.16
10/15/2021 19:00	6.77	6.21	7.75	1.85	0.16
10/15/2021 20:00	6.83	4.99	7.55	0.00	0.00
10/15/2021 21:00	2.64	0.00	0.15	0.00	0.00

	10/15/2021 22:00	0.00	0.00	0.00	0.00	0.00
	10/15/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 15, 2021</b>	<b>Values</b>	<b>47.37 T</b>	<b>39.13 T</b>	<b>44.76 T</b>	<b>32.80 T</b>	<b>26.23 T</b>
	10/16/2021 0:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 1:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 2:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 3:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 4:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 5:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 6:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 7:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 8:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 9:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 10:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 11:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 12:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 13:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 14:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 15:00	4.01	3.30	3.92	3.91	3.52
	10/16/2021 16:00	17.09	13.97	18.60	18.31	14.04
	10/16/2021 17:00	6.47	5.17	5.53	5.63	5.46
	10/16/2021 18:00	4.96	6.35	7.09	6.69	6.71
	10/16/2021 19:00	1.85	1.93	2.08	0.16	0.14
	10/16/2021 20:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 21:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 22:00	0.00	0.00	0.00	0.00	0.00
	10/16/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 16, 2021</b>	<b>Values</b>	<b>34.38 T</b>	<b>30.72 T</b>	<b>37.22 T</b>	<b>34.70 T</b>	<b>29.87 T</b>
	10/17/2021 0:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 1:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 2:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 3:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 4:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 5:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 6:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 7:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 8:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 9:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 10:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 11:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 12:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 13:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 14:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 15:00	3.47	2.88	3.54	3.74	3.35
	10/17/2021 16:00	11.46	10.03	12.34	14.27	10.03
	10/17/2021 17:00	5.07	5.01	5.34	5.37	5.19
	10/17/2021 18:00	5.80	5.59	6.25	6.10	6.04
	10/17/2021 19:00	5.09	5.24	5.54	5.57	5.38
	10/17/2021 20:00	0.15	0.18	0.14	0.16	0.13
	10/17/2021 21:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 22:00	0.00	0.00	0.00	0.00	0.00
	10/17/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 17, 2021</b>	<b>Values</b>	<b>31.04 T</b>	<b>28.93 T</b>	<b>33.15 T</b>	<b>35.21 T</b>	<b>30.12 T</b>
	10/18/2021 0:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 1:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 2:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 3:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 4:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 5:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 6:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 7:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 8:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 9:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 10:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 11:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 12:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 13:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 14:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 15:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 16:00	0.00	2.49	0.00	3.49	3.27
	10/18/2021 17:00	3.12	11.98	3.26	15.68	11.65
	10/18/2021 18:00	18.36	6.41	19.98	6.64	6.53
	10/18/2021 19:00	1.17	0.17	1.41	0.19	0.18
	10/18/2021 20:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 21:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 22:00	0.00	0.00	0.00	0.00	0.00
	10/18/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 18, 2021</b>	<b>Values</b>	<b>22.65 T</b>	<b>21.05 T</b>	<b>24.65 T</b>	<b>26.00 T</b>	<b>21.63 T</b>
	10/19/2021 0:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 1:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 2:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 3:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 4:00	19.99	12.85	17.21	0.00	0.00
	10/19/2021 5:00	7.12	6.39	7.44	23.01	16.72
	10/19/2021 6:00	4.85	4.71	4.87	5.67	3.40
	10/19/2021 7:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 8:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 9:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 10:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 11:00	0.00	0.00	0.00	0.00	0.00
	10/19/2021 12:00	0.00	0.00	0.00	0.00	0.00

10/19/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 16:00	19.16	0.00	0.00	0.00	0.00	0.00
10/19/2021 17:00	6.75	11.57	14.63	17.56	12.43	12.43
10/19/2021 18:00	5.09	6.47	6.89	7.87	6.96	6.96
10/19/2021 19:00	0.00	6.43	7.05	5.32	5.37	5.37
10/19/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Oct 19, 2021 Values</b>	<b>62.96 T</b>	<b>48.42 T</b>	<b>58.09 T</b>	<b>59.43 T</b>	<b>44.88 T</b>	
10/20/2021 0:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 1:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 2:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 3:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 4:00	19.68	14.36	19.17	0.00	14.02	14.02
10/20/2021 5:00	6.68	6.52	7.19	19.59	6.73	6.73
10/20/2021 6:00	3.31	3.34	3.59	5.38	3.47	3.47
10/20/2021 7:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 8:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 9:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 15:00	0.00	3.03	0.00	3.88	3.40	3.40
10/20/2021 16:00	20.86	14.19	18.99	18.22	13.18	13.18
10/20/2021 17:00	7.11	6.79	7.60	7.47	6.85	6.85
10/20/2021 18:00	7.13	6.71	6.86	7.40	6.67	6.67
10/20/2021 19:00	1.85	6.80	6.91	7.55	6.70	6.70
10/20/2021 20:00	0.00	6.78	7.38	7.52	5.10	5.10
10/20/2021 21:00	0.00	0.23	5.15	0.26	0.00	0.00
10/20/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Oct 20, 2021 Values</b>	<b>66.62 T</b>	<b>68.75 T</b>	<b>82.84 T</b>	<b>77.27 T</b>	<b>66.12 T</b>	
10/21/2021 0:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 1:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 2:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 3:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 4:00	19.28	14.16	18.76	16.53	3.25	3.25
10/21/2021 5:00	6.38	6.44	7.99	7.05	14.31	14.31
10/21/2021 6:00	4.74	4.91	6.01	5.38	3.38	3.38
10/21/2021 7:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 8:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 9:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 15:00	16.02	2.62	15.39	3.40	3.13	3.13
10/21/2021 16:00	6.20	12.70	7.10	16.22	12.20	12.20
10/21/2021 17:00	6.42	6.52	7.09	6.46	6.69	6.69
10/21/2021 18:00	5.84	5.36	6.15	5.93	5.73	5.73
10/21/2021 19:00	6.44	5.96	6.75	4.26	2.09	2.09
10/21/2021 20:00	1.63	0.11	0.00	0.00	0.00	0.00
10/21/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Oct 21, 2021 Values</b>	<b>72.95 T</b>	<b>58.78 T</b>	<b>75.24 T</b>	<b>65.23 T</b>	<b>50.78 T</b>	
10/22/2021 0:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 1:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 2:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 3:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 4:00	17.94	13.73	18.05	19.02	13.92	13.92
10/22/2021 5:00	6.68	6.63	6.89	7.03	6.82	6.82
10/22/2021 6:00	3.37	3.23	3.56	3.64	1.79	1.79
10/22/2021 7:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 8:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 9:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 10:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 11:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 12:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 13:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 14:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 15:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 16:00	2.99	0.00	0.00	0.00	0.00	0.00
10/22/2021 17:00	15.26	0.00	0.00	0.00	0.00	0.00
10/22/2021 18:00	6.05	0.00	0.00	0.00	0.00	0.00
10/22/2021 19:00	0.13	0.00	0.00	0.00	0.00	0.00
10/22/2021 20:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 21:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 22:00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2021 23:00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Oct 22, 2021 Values</b>	<b>52.42 T</b>	<b>23.59 T</b>	<b>28.50 T</b>	<b>29.69 T</b>	<b>22.53 T</b>	
10/23/2021 0:00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 1:00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 2:00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2021 3:00	0.00	0.00	0.00	0.00	0.00	0.00

10/23/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 16:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 17:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 18:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 19:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/23/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 23, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/24/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 15:00	17.09	13.72	19.89	0.00	0.00
10/24/2021 16:00	6.65	6.43	7.56	25.16	16.64
10/24/2021 17:00	6.25	5.97	6.56	1.56	6.67
10/24/2021 18:00	6.51	6.54	6.87	6.68	6.76
10/24/2021 19:00	6.50	6.44	6.87	6.68	6.70
10/24/2021 20:00	6.53	6.55	6.91	0.00	6.74
10/24/2021 21:00	4.36	4.35	4.43	0.00	4.81
10/24/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/24/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 24, 2021 Values</b>	<b>53.89 T</b>	<b>50.00 T</b>	<b>59.09 T</b>	<b>40.08 T</b>	<b>48.32 T</b>
10/25/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 16:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 17:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 18:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 19:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/25/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 25, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/26/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 16:00	3.45	2.75	3.17	3.58	0.00
10/26/2021 17:00	14.20	11.55	15.47	18.13	0.00
10/26/2021 18:00	5.86	6.04	7.05	6.52	0.00
10/26/2021 19:00	0.13	0.16	0.16	0.16	0.00



10/26/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/26/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 26, 2021 Values</b>	<b>23.64 T</b>	<b>20.50 T</b>	<b>25.85 T</b>	<b>28.39 T</b>	<b>0.00 T</b>
10/27/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 4:00	19.30	14.20	20.22	20.48	0.00
10/27/2021 5:00	6.83	6.47	7.81	8.76	15.98
10/27/2021 6:00	5.00	4.60	5.22	5.42	4.69
10/27/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 16:00	18.14	0.00	17.68	16.49	12.55
10/27/2021 17:00	7.09	0.00	7.61	10.91	7.28
10/27/2021 18:00	6.65	0.00	6.99	0.00	6.14
10/27/2021 19:00	5.19	0.00	6.77	0.00	3.87
10/27/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/27/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 27, 2021 Values</b>	<b>68.20 T</b>	<b>25.27 T</b>	<b>72.30 T</b>	<b>62.06 T</b>	<b>50.51 T</b>
10/28/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 15:00	0.00	2.65	3.48	3.74	3.30
10/28/2021 16:00	17.95	16.03	20.67	19.22	16.92
10/28/2021 17:00	7.22	6.16	7.94	6.49	6.98
10/28/2021 18:00	1.56	6.00	7.29	6.19	6.52
10/28/2021 19:00	0.00	4.93	6.14	5.28	5.31
10/28/2021 20:00	0.00	0.14	0.14	0.15	0.16
10/28/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/28/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 28, 2021 Values</b>	<b>26.73 T</b>	<b>35.91 T</b>	<b>45.66 T</b>	<b>41.07 T</b>	<b>39.19 T</b>
10/29/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 15:00	17.06	0.00	3.38	3.48	3.27
10/29/2021 16:00	6.19	13.99	17.26	17.13	13.63
10/29/2021 17:00	5.10	5.68	5.54	5.69	5.63
10/29/2021 18:00	6.58	6.56	6.85	6.57	6.71
10/29/2021 19:00	6.05	0.16	0.14	0.13	0.14
10/29/2021 20:00	0.17	0.00	0.00	0.00	0.00
10/29/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/29/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 29, 2021 Values</b>	<b>41.15 T</b>	<b>26.39 T</b>	<b>33.17 T</b>	<b>33.00 T</b>	<b>29.38 T</b>
10/30/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 10:00	0.00	0.00	0.00	0.00	0.00

10/30/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 15:00	3.39	0.00	0.00	0.00	0.00
10/30/2021 16:00	16.81	0.00	0.00	0.00	0.00
10/30/2021 17:00	6.19	0.00	0.00	0.00	0.00
10/30/2021 18:00	6.79	0.00	0.00	0.00	0.00
10/30/2021 19:00	0.10	0.00	0.00	0.00	0.00
10/30/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/30/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 30, 2021 Values</b>	<b>33.28 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
10/31/2021 0:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 1:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 2:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 3:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 4:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 5:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 6:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 7:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 8:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 9:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 10:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 11:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 12:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 13:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 14:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 15:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 16:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 17:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 18:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 19:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 20:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 21:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 22:00	0.00	0.00	0.00	0.00	0.00
10/31/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Oct 31, 2021 Values</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
11/1/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 1:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 3:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 4:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 5:00	12.80	0.00	0.00	0.00	0.00
11/1/2021 6:00	4.38	0.00	0.00	0.00	0.00
11/1/2021 7:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 15:00	15.64	2.61	0.00	0.00	0.00
11/1/2021 16:00	5.35	10.26	17.40	21.26	12.40
11/1/2021 17:00	5.89	5.82	7.02	7.85	6.72
11/1/2021 18:00	2.36	6.15	3.04	6.36	3.26
11/1/2021 19:00	0.00	7.27	0.00	0.14	0.00
11/1/2021 20:00	0.00	0.16	0.00	0.00	0.00
11/1/2021 21:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 22:00	0.00	0.00	0.00	0.00	0.00
11/1/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 01, 2021 Values</b>	<b>46.42 T</b>	<b>32.27 T</b>	<b>27.46 T</b>	<b>35.61 T</b>	<b>22.38 T</b>
11/2/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 1:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 3:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 4:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 5:00	34.52	13.91	21.47	20.77	14.09
11/2/2021 6:00	6.52	6.32	6.89	6.15	6.72
11/2/2021 7:00	3.32	3.33	3.42	3.00	3.47
11/2/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/2/2021 15:00	16.75	2.51	0.00	3.23	0.00
11/2/2021 16:00	6.69	14.21	18.15	21.09	13.08
11/2/2021 17:00	6.52	5.48	6.98	6.49	6.79
11/2/2021 18:00	6.57	5.91	7.06	6.95	6.75
11/2/2021 19:00	6.55	5.94	5.62	6.91	6.94
11/2/2021 20:00	6.59	5.96	0.05	6.95	7.17
11/2/2021 21:00	6.54	5.94	0.00	6.90	6.78
11/2/2021 22:00	2.35	2.13	0.00	0.00	0.00
11/2/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 02, 2021 Values</b>	<b>102.92 T</b>	<b>71.64 T</b>	<b>69.64 T</b>	<b>88.44 T</b>	<b>71.79 T</b>
11/3/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 1:00	0.00	0.00	0.00	0.00	0.00

11/3/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 3:00	5.85	0.00	0.00	0.00	0.00
11/3/2021 4:00	16.54	13.09	0.00	18.17	13.77
11/3/2021 5:00	6.46	5.99	0.00	6.37	7.08
11/3/2021 6:00	5.91	4.88	0.00	6.02	6.46
11/3/2021 7:00	2.65	2.62	0.00	3.01	3.21
11/3/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 15:00	16.29	2.38	0.00	3.04	11.40
11/3/2021 16:00	5.64	12.11	0.00	17.96	6.49
11/3/2021 17:00	6.34	4.99	0.00	4.87	4.44
11/3/2021 18:00	6.57	5.49	0.00	4.22	4.94
11/3/2021 19:00	4.35	2.10	0.00	0.00	0.00
11/3/2021 20:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 21:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 22:00	0.00	0.00	0.00	0.00	0.00
11/3/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 03, 2021 Values</b>	<b>76.60 T</b>	<b>53.65 T</b>	<b>0.00 T</b>	<b>63.66 T</b>	<b>57.79 T</b>
11/4/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 1:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 3:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 4:00	14.54	12.35	0.00	0.00	0.00
11/4/2021 5:00	5.85	5.29	0.00	21.30	14.52
11/4/2021 6:00	6.06	3.90	0.00	4.95	5.36
11/4/2021 7:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 15:00	17.15	12.36	0.00	17.56	2.97
11/4/2021 16:00	5.82	5.76	0.00	7.83	12.91
11/4/2021 17:00	5.93	6.09	0.00	6.37	5.45
11/4/2021 18:00	0.98	0.13	0.00	0.19	0.16
11/4/2021 19:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 20:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 21:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 22:00	0.00	0.00	0.00	0.00	0.00
11/4/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 04, 2021 Values</b>	<b>56.33 T</b>	<b>45.88 T</b>	<b>0.00 T</b>	<b>58.20 T</b>	<b>41.37 T</b>
11/5/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 1:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 3:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 4:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 5:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 6:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 7:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 15:00	15.55	13.50	0.00	20.03	12.61
11/5/2021 16:00	5.43	5.77	0.00	6.29	5.58
11/5/2021 17:00	5.64	6.23	0.00	6.48	5.73
11/5/2021 18:00	6.08	6.21	0.00	6.71	6.05
11/5/2021 19:00	5.56	0.00	0.00	0.00	0.00
11/5/2021 20:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 21:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 22:00	0.00	0.00	0.00	0.00	0.00
11/5/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 05, 2021 Values</b>	<b>38.26 T</b>	<b>31.71 T</b>	<b>0.00 T</b>	<b>39.51 T</b>	<b>29.97 T</b>
11/6/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 1:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 3:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 4:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 5:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 6:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 7:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 15:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 16:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 17:00	3.04	0.00	15.84	0.00	0.00

11/6/2021 18:00	10.01	0.00	1.61	0.00	0.00
11/6/2021 19:00	1.27	0.00	0.00	0.00	0.00
11/6/2021 20:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 21:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 22:00	0.00	0.00	0.00	0.00	0.00
11/6/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 06, 2021 Values</b>	<b>14.32 T</b>	<b>0.00 T</b>	<b>17.45 T</b>	<b>0.00 T</b>	<b>0.00 T</b>
11/7/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 1:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 3:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 4:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 5:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 6:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 7:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 15:00	18.67	14.29	20.16	30.75	13.45
11/7/2021 16:00	5.68	5.49	6.50	5.79	5.62
11/7/2021 17:00	5.59	5.47	5.82	6.08	5.62
11/7/2021 18:00	4.73	4.66	5.27	3.74	3.51
11/7/2021 19:00	6.07	2.19	6.97	0.00	0.00
11/7/2021 20:00	0.18	0.00	0.14	0.00	0.00
11/7/2021 21:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 22:00	0.00	0.00	0.00	0.00	0.00
11/7/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 07, 2021 Values</b>	<b>40.92 T</b>	<b>32.10 T</b>	<b>44.86 T</b>	<b>46.36 T</b>	<b>28.20 T</b>
11/8/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 1:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 3:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 4:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 5:00	2.20	14.18	17.97	0.00	0.00
11/8/2021 6:00	14.81	5.12	5.60	0.00	0.00
11/8/2021 7:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 15:00	3.51	2.81	3.48	3.43	0.00
11/8/2021 16:00	13.46	10.88	12.55	19.55	3.18
11/8/2021 17:00	5.58	5.10	6.37	6.19	13.60
11/8/2021 18:00	4.86	4.70	6.55	6.04	6.32
11/8/2021 19:00	6.01	5.19	7.20	1.70	1.78
11/8/2021 20:00	0.15	0.15	0.16	0.00	0.00
11/8/2021 21:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 22:00	0.00	0.00	0.00	0.00	0.00
11/8/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 08, 2021 Values</b>	<b>50.58 T</b>	<b>48.13 T</b>	<b>59.88 T</b>	<b>36.91 T</b>	<b>24.88 T</b>
11/9/2021 0:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 1:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 2:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 3:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 4:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 5:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 6:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 7:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 8:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 9:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 10:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 11:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 12:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 13:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 14:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 15:00	3.23	2.57	0.00	0.00	0.00
11/9/2021 16:00	14.84	12.57	3.21	3.30	12.52
11/9/2021 17:00	5.29	4.77	14.04	15.86	5.51
11/9/2021 18:00	5.82	5.72	6.92	6.74	6.49
11/9/2021 19:00	4.32	1.71	2.05	1.67	0.14
11/9/2021 20:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 21:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 22:00	0.00	0.00	0.00	0.00	0.00
11/9/2021 23:00	0.00	0.00	0.00	0.00	0.00
<b>Nov 09, 2021 Values</b>	<b>33.50 T</b>	<b>27.34 T</b>	<b>26.22 T</b>	<b>27.57 T</b>	<b>24.66 T</b>
<b>All Days Final Values</b>	<b>1965.17 T</b>	<b>1399.16 T</b>	<b>1607.00 T</b>	<b>1539.74 T</b>	<b>1242.30 T</b>

Average Values Report  
Generated: 11/23/2021 16:14

Company: Walnut Creek Energy, LLC  
Plant: 911 Bixby Drive  
City/St: City of Industry, CA 91745  
Source: GT1, GT2, GT3, GT4, GT5  
SOx Lbs/Hr

Period Start: 9/10/2021 00:00  
Period End: 11/9/2021 23:59  
Validation Type: 1/60 min  
Averaging Period: 1 hr  
Type: Block Avg

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/10/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 16:00	687.6	N/A	N/A	N/A	N/A	0.5	N/A
09/10/2021 17:00	828.9	647.8	752.4	N/A	N/A	0.6	0.4
09/10/2021 18:00	452.9	529.5	455.1	N/A	N/A	0.3	0.4
09/10/2021 19:00	N/A	406.2	N/A	N/A	N/A	N/A	0.3
09/10/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 16:00	690.8	283.8	285.9	294.8	N/A	0.5	0.2
09/11/2021 17:00	831.7	818.2	815.7	819.7	761.5	0.6	0.5
09/11/2021 18:00	745.2	740.3	743.4	745.1	744.8	0.5	0.5
09/11/2021 19:00	418.8	823.1	821.6	177.3	180.0	0.3	0.6
09/11/2021 20:00	N/A	176.9	177.6	N/A	N/A	N/A	0.1
09/11/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/12/2021 15:00	286.2	N/A	268.4	N/A	N/A	0.2	N/A
09/12/2021 16:00	788.0	290.6	748.8	302.6	301.7	0.5	0.2
09/12/2021 17:00	829.5	818.7	723.8	724.6	725.5	0.6	0.5
09/12/2021 18:00	685.9	749.3	719.2	725.0	729.9	0.5	0.5
09/12/2021 19:00	790.3	788.6	787.9	795.3	178.5	0.5	0.5
09/12/2021 20:00	173.8	175.6	172.6	175.0	N/A	0.1	0.1
09/12/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 17:00	747.3	752.6	750.5	755.6	753.5	0.5	0.5
09/13/2021 18:00	568.3	731.4	732.5	738.8	736.5	0.4	0.5
09/13/2021 19:00	N/A	168.5	172.0	173.8	176.1	N/A	0.1
09/13/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 15:00	304.4	N/A	N/A	N/A	N/A	0.2	N/A
09/14/2021 16:00	814.5	N/A	291.7	N/A	299.5	0.5	N/A
09/14/2021 17:00	803.6	275.7	728.4	N/A	735.3	0.5	0.2
09/14/2021 18:00	717.1	692.7	688.6	696.7	689.5	0.5	0.5
09/14/2021 19:00	174.7	417.0	179.0	478.5	180.2	0.1	0.3
09/14/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/15/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 16:00	272.4	291.5	291.1	300.9	N/A	0.2	0.2
09/15/2021 17:00	668.3	665.2	668.0	672.5	N/A	0.4	0.4
09/15/2021 18:00	761.0	755.5	759.8	762.8	N/A	0.5	0.5
09/15/2021 19:00	175.3	177.2	182.5	185.0	N/A	0.1	0.1
09/15/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/18/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 17:00	658.1	N/A	N/A	N/A	N/A	0.4	N/A
09/19/2021 18:00	831.3	N/A	742.7	297.7	294.6	0.6	N/A
09/19/2021 19:00	830.6	N/A	811.3	799.4	800.1	0.6	N/A
09/19/2021 20:00	586.8	N/A	541.5	681.7	689.0	0.4	N/A
09/19/2021 21:00	N/A	N/A	561.1	N/A	N/A	N/A	N/A
09/19/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 16:00	N/A	267.7	270.2	281.6	238.8	N/A	0.2
09/20/2021 17:00	312.8	782.6	792.2	793.6	798.0	0.2	0.5
09/20/2021 18:00	783.6	782.2	789.3	766.2	794.2	0.5	0.5
09/20/2021 19:00	430.8	171.7	178.6	174.4	177.7	0.3	0.1
09/20/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/21/2021 15:00	662.9	N/A	N/A	N/A	N/A	306.2	0.4
09/21/2021 16:00	846.7	749.1	755.0	280.2	835.4	0.6	0.5
09/21/2021 17:00	833.1	828.3	833.8	818.1	835.4	0.6	0.6
09/21/2021 18:00	831.2	826.6	832.0	824.2	832.9	0.6	0.6
09/21/2021 19:00	677.2	836.7	581.9	672.8	579.2	0.5	0.6
09/21/2021 20:00	N/A	599.9	N/A	N/A	N/A	N/A	0.4
09/21/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 16:00	728.1	738.9	672.0	297.1	295.0	0.5	0.5
09/22/2021 17:00	824.8	820.0	616.8	607.2	605.7	0.6	0.5
09/22/2021 18:00	670.7	667.7	718.9	775.1	721.2	0.4	0.4
09/22/2021 19:00	N/A	N/A	171.5	594.4	172.6	N/A	N/A
09/22/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/22/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 15:00	291.0	241.9	280.5	286.9	285.5	0.2	0.2
09/23/2021 16:00	745.7	740.8	751.3	747.0	750.6	0.5	0.5
09/23/2021 17:00	380.0	379.3	780.7	776.5	782.0	0.3	0.3
09/23/2021 18:00	727.4	721.7	735.7	689.4	735.3	0.5	0.5
09/23/2021 19:00	405.2	406.1	174.4	175.9	171.7	0.3	0.3
09/23/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/23/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/24/2021 15:00	275.4	259.0	297.4	303.9	300.4	0.2	0.2
09/24/2021 16:00	794.0	788.6	797.2	791.5	796.3	0.5	0.5
09/24/2021 17:00	752.2	746.7	756.0	697.5	756.7	0.5	0.5
09/24/2021 18:00	791.9	785.9	794.1	787.6	792.1	0.5	0.5
09/24/2021 19:00	163.7	165.0	171.5	172.4	176.7	0.1	0.1
09/24/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/27/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 04:00	650.2	N/A	N/A	N/A	N/A	0.4	N/A
09/28/2021 05:00	802.5	N/A	N/A	N/A	N/A	0.5	N/A
09/28/2021 06:00	635.3	N/A	N/A	N/A	N/A	0.4	N/A
09/28/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/30/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 16:00	N/A	266.1	N/A	276.4	274.5	N/A	0.2
09/30/2021 17:00	312.5	718.0	302.9	691.9	731.4	0.2	0.5
09/30/2021 18:00	758.4	764.5	763.4	758.3	769.1	0.5	0.5
09/30/2021 19:00	408.3	583.6	439.3	166.1	170.9	0.3	0.4
09/30/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 15:00	271.4	256.4	293.7	300.0	295.9	0.2	0.2
10/01/2021 16:00	803.5	800.1	808.9	772.9	803.3	0.5	0.5
10/01/2021 17:00	753.1	749.3	758.1	752.7	753.9	0.5	0.5
10/01/2021 18:00	721.5	813.8	819.0	811.5	806.1	0.5	0.5
10/01/2021 19:00	N/A	587.3	591.8	587.4	161.4	N/A	0.4
10/01/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 15:00	305.1	N/A	293.5	N/A	N/A	0.2	N/A
10/02/2021 16:00	745.4	287.4	751.8	738.5	297.2	0.5	0.2
10/02/2021 17:00	823.5	717.5	728.3	724.1	716.4	0.6	0.5
10/02/2021 18:00	809.7	806.4	812.8	806.8	805.9	0.5	0.5
10/02/2021 19:00	850.8	584.3	592.4	588.2	570.7	0.6	0.4
10/02/2021 20:00	597.3	N/A	N/A	N/A	N/A	0.4	N/A
10/02/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/03/2021 15:00	284.7	267.1	269.2	279.3	309.5	0.2	0.2
10/03/2021 16:00	740.4	738.2	746.2	741.3	742.2	0.5	0.5
10/03/2021 17:00	824.2	559.4	566.7	561.1	563.1	0.6	0.4
10/03/2021 18:00	725.0	720.2	729.8	723.7	724.4	0.5	0.5
10/03/2021 19:00	722.7	689.7	679.6	696.7	673.6	0.5	0.5
10/03/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 14:00	277.6	261.5	N/A	271.8	N/A	0.2	0.2
10/04/2021 15:00	748.9	780.9	295.2	778.6	301.9	0.5	0.5
10/04/2021 16:00	722.0	720.6	721.0	722.5	726.4	0.5	0.5
10/04/2021 17:00	826.3	705.7	713.0	708.2	708.0	0.6	0.5
10/04/2021 18:00	768.7	765.1	771.3	765.7	767.0	0.5	0.5
10/04/2021 19:00	741.4	739.4	745.6	740.7	583.1	0.5	0.5
10/04/2021 20:00	515.2	494.0	547.5	501.0	N/A	0.3	0.3
10/04/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 16:00	730.0	286.0	289.5	N/A	N/A	0.5	0.2
10/05/2021 17:00	664.8	651.4	657.3	N/A	N/A	0.4	0.4
10/05/2021 18:00	765.8	762.9	768.5	N/A	N/A	0.5	0.5
10/05/2021 19:00	428.4	467.2	492.2	N/A	N/A	0.3	0.3
10/05/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/06/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 16:00	647.3	636.7	292.8	640.9	N/A	0.4	0.4
10/06/2021 17:00	714.7	714.5	713.8	717.4	488.0	0.5	0.5
10/06/2021 18:00	726.7	724.4	732.6	727.3	435.4	0.5	0.5
10/06/2021 19:00	456.8	160.8	451.4	163.7	N/A	0.3	0.1
10/06/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 16:00	282.3	N/A	N/A	N/A	N/A	0.2	N/A
10/07/2021 17:00	740.8	N/A	N/A	N/A	N/A	0.5	N/A
10/07/2021 18:00	663.9	N/A	N/A	N/A	N/A	0.4	N/A
10/07/2021 19:00	170.4	N/A	N/A	N/A	N/A	0.1	N/A
10/07/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/09/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 16:00	659.4	N/A	N/A	N/A	N/A	0.4	N/A
10/09/2021 17:00	835.8	N/A	N/A	N/A	N/A	0.6	N/A
10/09/2021 18:00	687.3	N/A	N/A	N/A	N/A	0.5	N/A
10/09/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 17:00	689.4	518.5	691.4	467.9	N/A	0.5	0.3
10/10/2021 18:00	439.7	698.2	448.8	520.3	N/A	0.3	0.5
10/10/2021 19:00	N/A	165.8	N/A	171.2	N/A	N/A	0.1
10/10/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/12/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 16:00	271.6	290.1	259.1	N/A	N/A	0.2	0.2
10/12/2021 17:00	748.0	747.1	754.5	N/A	N/A	0.5	0.5
10/12/2021 18:00	784.4	783.3	783.1	N/A	N/A	0.5	0.5
10/12/2021 19:00	587.1	568.2	175.9	N/A	N/A	0.4	0.4
10/12/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 04:00	753.7	721.9	743.1	737.3	735.8	0.5	0.5
10/13/2021 05:00	829.8	809.9	835.1	826.5	825.9	0.6	0.5
10/13/2021 06:00	811.6	660.9	728.5	676.8	677.3	0.5	0.4
10/13/2021 07:00	547.3	N/A	N/A	N/A	N/A	0.4	N/A
10/13/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 16:00	750.4	692.4	697.4	664.1	N/A	0.5	0.5
10/13/2021 17:00	827.7	822.8	830.4	822.1	757.5	0.6	0.6
10/13/2021 18:00	809.4	780.8	812.2	783.2	778.4	0.5	0.5
10/13/2021 19:00	837.7	725.0	839.7	669.4	671.0	0.6	0.5
10/13/2021 20:00	696.0	N/A	649.2	N/A	N/A	0.5	N/A
10/13/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 15:00	312.1	N/A	261.6	N/A	N/A	0.2	N/A
10/14/2021 16:00	812.2	285.7	816.8	296.8	295.8	0.5	0.2
10/14/2021 17:00	762.3	630.4	649.7	634.3	635.6	0.5	0.4
10/14/2021 18:00	804.0	774.8	779.0	773.9	773.8	0.5	0.5
10/14/2021 19:00	724.1	658.1	682.4	591.4	575.1	0.5	0.4
10/14/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/15/2021 15:00	N/A	268.8	N/A	N/A	N/A	N/A	0.2
10/15/2021 16:00	747.2	746.2	684.8	672.4	666.4	0.5	0.5
10/15/2021 17:00	828.1	822.4	831.3	823.7	825.2	0.6	0.6
10/15/2021 18:00	832.8	784.9	791.2	786.1	775.4	0.6	0.5
10/15/2021 19:00	838.5	783.6	840.4	582.2	173.1	0.6	0.5
10/15/2021 20:00	838.5	723.7	840.4	N/A	N/A	0.6	0.5
10/15/2021 21:00	658.6	N/A	475.3	N/A	N/A	0.4	N/A
10/15/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 15:00	283.2	266.0	304.6	310.8	308.4	0.2	0.2
10/16/2021 16:00	803.4	801.9	805.9	802.9	801.1	0.5	0.5
10/16/2021 17:00	823.3	632.6	639.4	635.9	635.5	0.6	0.4
10/16/2021 18:00	616.3	785.1	792.5	782.4	782.1	0.4	0.5
10/16/2021 19:00	583.2	581.4	569.6	171.8	176.9	0.4	0.4
10/16/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 15:00	290.4	269.9	272.0	280.8	278.0	0.2	0.2
10/17/2021 16:00	685.5	684.3	691.5	687.4	687.1	0.5	0.5
10/17/2021 17:00	678.5	678.6	687.1	683.0	682.2	0.5	0.5
10/17/2021 18:00	781.1	779.9	785.2	780.1	778.8	0.5	0.5
10/17/2021 19:00	706.0	705.0	711.3	706.5	706.0	0.5	0.5
10/17/2021 20:00	166.4	169.6	175.8	177.5	181.0	0.1	0.1
10/17/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/18/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 16:00	N/A	291.9	N/A	301.8	299.7	N/A	0.2
10/18/2021 17:00	293.1	653.3	283.3	661.7	664.1	0.2	0.4
10/18/2021 18:00	790.1	801.4	792.6	801.4	799.8	0.5	0.5
10/18/2021 19:00	412.8	181.0	422.1	179.0	182.3	0.3	0.1
10/18/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 04:00	739.1	649.3	667.6	N/A	N/A	0.5	0.4
10/19/2021 05:00	824.1	820.5	830.2	762.4	761.3	0.6	0.5
10/19/2021 06:00	698.8	682.2	705.4	695.6	679.1	0.5	0.5
10/19/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 16:00	729.0	N/A	N/A	N/A	N/A	0.5	N/A
10/19/2021 17:00	829.3	642.2	650.0	663.8	663.5	0.6	0.4
10/19/2021 18:00	723.9	824.8	832.7	823.2	826.0	0.5	0.6
10/19/2021 19:00	N/A	725.4	734.0	725.4	717.1	N/A	0.5
10/19/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 04:00	722.0	710.6	740.5	N/A	735.4	0.5	0.5
10/20/2021 05:00	830.0	826.4	835.6	738.3	827.3	0.6	0.6
10/20/2021 06:00	666.0	663.7	673.0	716.3	666.5	0.4	0.4
10/20/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 15:00	N/A	272.3	N/A	282.8	315.3	N/A	0.2
10/20/2021 16:00	768.7	811.2	746.5	810.6	809.4	0.5	0.5
10/20/2021 17:00	829.7	822.9	833.2	821.1	824.1	0.6	0.6
10/20/2021 18:00	827.4	822.6	829.9	807.6	823.3	0.6	0.6
10/20/2021 19:00	581.5	826.5	828.1	825.4	827.5	0.4	0.6
10/20/2021 20:00	N/A	828.9	836.4	828.0	721.1	N/A	0.6
10/20/2021 21:00	N/A	592.5	727.0	593.4	N/A	N/A	0.4
10/20/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 04:00	736.9	729.7	719.9	666.8	293.3	0.5	0.5
10/21/2021 05:00	828.5	818.0	833.3	819.1	817.5	0.6	0.5
10/21/2021 06:00	721.9	718.8	727.3	709.7	678.1	0.5	0.5
10/21/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/21/2021 15:00	645.7	291.2	669.5	301.7	297.6	0.4	0.2
10/21/2021 16:00	778.9	760.7	784.0	762.1	760.4	0.5	0.5
10/21/2021 17:00	825.7	818.8	828.7	816.7	819.2	0.6	0.5
10/21/2021 18:00	755.0	752.1	759.4	753.6	753.7	0.5	0.5
10/21/2021 19:00	834.7	823.8	725.0	672.0	674.1	0.6	0.6
10/21/2021 20:00	597.0	176.4	N/A	N/A	N/A	0.4	0.1
10/21/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 04:00	737.6	672.9	738.2	733.2	732.4	0.5	0.5
10/22/2021 05:00	829.6	819.3	834.3	825.9	825.2	0.6	0.5
10/22/2021 06:00	682.7	660.7	672.2	667.5	582.4	0.5	0.4
10/22/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 16:00	263.6	N/A	N/A	N/A	N/A	0.2	N/A
10/22/2021 17:00	650.4	N/A	N/A	N/A	N/A	0.4	N/A
10/22/2021 18:00	779.5	N/A	N/A	N/A	N/A	0.5	N/A
10/22/2021 19:00	172.2	N/A	N/A	N/A	N/A	0.1	N/A
10/22/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/24/2021 15:00	653.7	644.0	678.6	N/A	N/A	0.4	0.4
10/24/2021 16:00	836.3	832.9	841.0	769.3	771.4	0.6	0.6
10/24/2021 17:00	779.9	778.4	784.7	547.3	827.5	0.5	0.5
10/24/2021 18:00	830.6	814.8	818.2	N/A	830.5	0.6	0.5
10/24/2021 19:00	831.3	826.6	833.9	N/A	826.8	0.6	0.6
10/24/2021 20:00	836.2	831.9	839.0	N/A	831.7	0.6	0.6
10/24/2021 21:00	684.1	723.1	684.0	N/A	727.6	0.5	0.5
10/24/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 16:00	280.0	261.9	298.9	272.0	N/A	0.2	0.2
10/26/2021 17:00	704.6	700.8	707.9	707.4	N/A	0.5	0.5
10/26/2021 18:00	770.8	768.4	774.9	769.9	N/A	0.5	0.5
10/26/2021 19:00	164.4	166.9	174.4	176.4	N/A	0.1	0.1
10/26/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 04:00	727.2	693.3	728.1	676.2	N/A	0.5	0.5
10/27/2021 05:00	836.2	820.2	841.6	832.4	743.9	0.6	0.5
10/27/2021 06:00	674.0	663.4	679.9	669.9	668.4	0.5	0.4
10/27/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/27/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 16:00	711.8	N/A	709.8	654.4	666.1	0.5	N/A
10/27/2021 17:00	841.5	N/A	845.4	647.9	838.2	0.6	N/A
10/27/2021 18:00	831.8	N/A	834.7	N/A	828.4	0.6	N/A
10/27/2021 19:00	727.3	N/A	806.4	N/A	707.0	0.5	N/A
10/27/2021 20:00	N/A	N/A	178.8	N/A	N/A	N/A	N/A
10/27/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 15:00	N/A	289.3	294.3	301.7	299.2	N/A	0.2
10/28/2021 16:00	680.2	809.2	817.8	810.9	812.6	0.5	0.5
10/28/2021 17:00	842.5	834.9	843.4	832.2	834.5	0.6	0.6
10/28/2021 18:00	678.5	828.2	830.5	825.4	825.9	0.5	0.6
10/28/2021 19:00	N/A	788.3	793.7	787.8	787.9	N/A	0.5
10/28/2021 20:00	N/A	173.5	182.6	184.0	180.2	N/A	0.1
10/28/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 15:00	671.2	N/A	279.9	287.1	284.7	0.4	N/A
10/29/2021 16:00	793.6	705.8	784.0	785.5	786.6	0.5	0.5
10/29/2021 17:00	752.9	712.7	713.0	713.9	715.0	0.5	0.5
10/29/2021 18:00	836.8	827.9	824.9	824.1	826.0	0.6	0.6
10/29/2021 19:00	830.9	174.1	178.4	178.7	181.3	0.6	0.1
10/29/2021 20:00	197.3	N/A	N/A	N/A	N/A	0.1	N/A
10/29/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/30/2021 15:00	279.6	N/A	N/A	N/A	N/A	N/A	0.2
10/30/2021 16:00	794.3	N/A	N/A	N/A	N/A	N/A	0.5
10/30/2021 17:00	750.8	N/A	N/A	N/A	N/A	N/A	0.5
10/30/2021 18:00	817.3	N/A	N/A	N/A	N/A	N/A	0.5
10/30/2021 19:00	172.9	N/A	N/A	N/A	N/A	N/A	0.1
10/30/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 05:00	511.1	N/A	N/A	N/A	N/A	N/A	0.3
11/01/2021 06:00	666.0	N/A	N/A	N/A	N/A	N/A	0.4
11/01/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 15:00	592.3	297.9	N/A	N/A	N/A	N/A	0.4
11/01/2021 16:00	638.1	638.9	686.7	708.7	688.3	N/A	0.4
11/01/2021 17:00	834.0	747.9	829.0	827.4	829.4	N/A	0.6
11/01/2021 18:00	558.7	777.6	577.1	765.6	540.8	N/A	0.5
11/01/2021 19:00	N/A	854.3	N/A	173.0	N/A	N/A	0.6
11/01/2021 20:00	N/A	178.1	N/A	N/A	N/A	N/A	0.1
11/01/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 05:00	773.0	742.3	768.8	744.6	744.9	N/A	0.5
11/02/2021 06:00	834.9	811.2	832.8	830.7	831.2	N/A	0.6
11/02/2021 07:00	684.8	675.0	685.2	669.6	670.7	N/A	0.5
11/02/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/02/2021 15:00	663.3	292.8	N/A	304.0	N/A	0.4	0.2
11/02/2021 16:00	836.2	775.2	743.1	776.0	706.7	0.6	0.5
11/02/2021 17:00	836.0	787.4	831.3	786.2	827.8	0.6	0.5
11/02/2021 18:00	838.8	830.1	834.8	829.3	828.4	0.6	0.6
11/02/2021 19:00	838.0	833.5	754.9	829.5	831.9	0.6	0.6
11/02/2021 20:00	841.7	836.8	121.0	833.5	835.0	0.6	0.6
11/02/2021 21:00	836.9	829.4	N/A	829.8	830.1	0.6	0.6
11/02/2021 22:00	691.9	687.7	N/A	587.3	589.3	0.5	0.5
11/02/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 03:00	331.0	N/A	N/A	N/A	N/A	0.2	N/A
11/03/2021 04:00	799.5	724.6	N/A	724.0	745.7	0.5	0.5
11/03/2021 05:00	837.0	834.2	N/A	833.1	833.6	0.6	0.6
11/03/2021 06:00	802.1	801.5	N/A	820.1	819.3	0.5	0.5
11/03/2021 07:00	565.1	672.7	N/A	677.2	662.4	0.4	0.5
11/03/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 15:00	639.1	275.3	N/A	285.9	658.7	0.4	0.2
11/03/2021 16:00	702.7	759.4	N/A	790.5	714.1	0.5	0.5
11/03/2021 17:00	831.0	695.8	N/A	697.9	698.6	0.6	0.5
11/03/2021 18:00	834.4	738.8	N/A	714.3	715.3	0.6	0.5
11/03/2021 19:00	693.0	686.7	N/A	N/A	N/A	0.5	0.5
11/03/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 04:00	646.3	702.5	N/A	N/A	N/A	0.4	0.5
11/04/2021 05:00	821.3	813.3	N/A	742.8	741.6	0.6	0.5
11/04/2021 06:00	782.0	699.7	N/A	713.0	706.0	0.5	0.5
11/04/2021 07:00	181.6	N/A	N/A	N/A	N/A	0.1	N/A
11/04/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 15:00	643.6	665.0	N/A	670.2	290.3	0.4	0.4
11/04/2021 16:00	747.4	747.7	N/A	750.1	733.1	0.5	0.5
11/04/2021 17:00	764.6	760.9	N/A	762.8	760.7	0.5	0.5
11/04/2021 18:00	464.4	179.3	N/A	176.7	179.4	0.3	0.1
11/04/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/05/2021 15:00	659.5	664.3	N/A	662.9	662.2	0.4	0.4
11/05/2021 16:00	717.2	755.2	N/A	753.2	715.9	0.5	0.5
11/05/2021 17:00	782.9	775.3	N/A	780.4	777.6	0.5	0.5
11/05/2021 18:00	816.5	805.2	N/A	805.5	802.3	0.5	0.5
11/05/2021 19:00	779.0	166.5	N/A	171.7	174.0	0.5	0.1
11/05/2021 20:00	186.4	N/A	N/A	N/A	N/A	0.1	N/A
11/05/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 17:00	296.3	N/A	501.7	N/A	N/A	0.2	N/A
11/06/2021 18:00	507.0	N/A	426.6	N/A	N/A	0.3	N/A
11/06/2021 19:00	545.5	N/A	N/A	N/A	N/A	0.4	N/A
11/06/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 15:00	685.9	684.9	681.7	674.7	655.0	0.5	0.5
11/07/2021 16:00	697.0	693.8	695.8	695.1	694.2	0.5	0.5
11/07/2021 17:00	716.4	696.2	697.8	726.1	699.7	0.5	0.5
11/07/2021 18:00	626.7	630.8	609.4	519.9	491.4	0.4	0.4
11/07/2021 19:00	803.2	669.5	766.1	N/A	N/A	0.5	0.4
11/07/2021 20:00	545.0	N/A	168.4	N/A	N/A	0.4	N/A
11/07/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 05:00	237.1	729.7	734.0	N/A	N/A	0.2	0.5
11/08/2021 06:00	679.5	711.9	714.1	N/A	N/A	0.5	0.5
11/08/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/08/2021 15:00	282.7	262.4	263.6	306.9	N/A	0.2	0.2
11/08/2021 16:00	728.8	723.1	723.0	728.7	281.2	0.5	0.5
11/08/2021 17:00	818.7	809.6	799.6	808.8	798.1	0.5	0.5
11/08/2021 18:00	788.0	783.9	785.4	784.9	783.0	0.5	0.5
11/08/2021 19:00	817.9	813.5	813.1	582.1	562.9	0.5	0.5
11/08/2021 20:00	180.1	183.0	182.6	N/A	N/A	0.1	0.1
11/08/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 15:00	303.2	286.4	N/A	N/A	N/A	0.2	0.2
11/09/2021 16:00	656.1	653.1	279.5	285.8	659.9	0.4	0.4
11/09/2021 17:00	719.4	662.8	653.0	655.6	678.0	0.5	0.4
11/09/2021 18:00	819.1	816.9	815.3	815.2	807.0	0.5	0.5
11/09/2021 19:00	707.6	638.9	627.4	539.0	180.6	0.5	0.4
11/09/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Final Average*</b>	<b>655.9</b>	<b>627.6</b>	<b>631.1</b>	<b>618.2</b>	<b>622.0</b>		
<b>Maximum*</b>	<b>850.8</b>	<b>854.3</b>	<b>845.4</b>	<b>833.5</b>	<b>838.2</b>		
	10/02/2021	11/01/2021	10/27/2021	11/02/2021	10/27/2021		
	19:00	19:00	17:00	20:00	17:00		
<b>Minimum*</b>	<b>163.7</b>	<b>160.8</b>	<b>121.0</b>	<b>163.7</b>	<b>161.4</b>		
	09/24/2021	10/06/2021	11/02/2021	10/06/2021	10/01/2021		
	19:00	19:00	20:00	19:00	19:00		

\* Does not include Invalid Averaging Periods ("N/A")

Average Values Report  
Generated: 11/23/2021 16:14

Company: Walnut Creek Energy, LLC  
Plant: 911 Bixby Drive  
City/St: City of Industry, CA 91745  
Source: GT1, GT2, GT3, GT4, GT5  
VOC Lbs/Hr

Period Start: 9/10/2021 00:00  
Period End: 11/9/2021 23:59  
Validation Type: 1/60 min  
Averaging Period: 1 hr  
Type: Block Avg

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/10/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 16:00	687.6	N/A	N/A	N/A	N/A	1.9	N/A
09/10/2021 17:00	828.9	647.8	752.4	N/A	N/A	2.3	1.8
09/10/2021 18:00	452.9	529.5	455.1	N/A	N/A	1.2	1.4
09/10/2021 19:00	N/A	406.2	N/A	N/A	N/A	N/A	1.1
09/10/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 16:00	690.8	283.8	285.9	294.8	N/A	1.9	0.8
09/11/2021 17:00	831.7	818.2	815.7	819.7	761.5	2.3	2.2
09/11/2021 18:00	745.2	740.3	743.4	745.1	744.8	2.0	2.0
09/11/2021 19:00	418.8	823.1	821.6	177.3	180.0	1.1	2.2
09/11/2021 20:00	N/A	176.9	177.6	N/A	N/A	N/A	0.5
09/11/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/12/2021 15:00	286.2	N/A	268.4	N/A	N/A	0.8	N/A
09/12/2021 16:00	788.0	290.6	748.8	302.6	301.7	2.2	0.8
09/12/2021 17:00	829.5	818.7	723.8	724.6	725.5	2.3	2.2
09/12/2021 18:00	685.9	749.3	719.2	725.0	729.9	1.9	2.0
09/12/2021 19:00	790.3	788.6	787.9	795.3	178.5	2.2	2.2
09/12/2021 20:00	173.8	175.6	172.6	175.0	N/A	0.5	0.5
09/12/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 17:00	747.3	752.6	750.5	755.6	753.5	2.0	2.1
09/13/2021 18:00	568.3	731.4	732.5	738.8	736.5	1.6	2.0
09/13/2021 19:00	N/A	168.5	172.0	173.8	176.1	N/A	0.5
09/13/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 15:00	304.4	N/A	N/A	N/A	N/A	0.8	N/A
09/14/2021 16:00	814.5	N/A	291.7	N/A	299.5	2.2	N/A
09/14/2021 17:00	803.6	275.7	728.4	N/A	735.3	2.2	0.8
09/14/2021 18:00	717.1	692.7	688.6	696.7	689.5	2.0	1.9
09/14/2021 19:00	174.7	417.0	179.0	478.5	180.2	0.5	1.1
09/14/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/15/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 16:00	272.4	291.5	291.1	300.9	N/A	0.7	0.8
09/15/2021 17:00	668.3	665.2	668.0	672.5	N/A	1.8	1.8
09/15/2021 18:00	761.0	755.5	759.8	762.8	N/A	2.1	2.1
09/15/2021 19:00	175.3	177.2	182.5	185.0	N/A	0.5	0.5
09/15/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/18/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 17:00	658.1	N/A	N/A	N/A	N/A	1.8	N/A
09/19/2021 18:00	831.3	N/A	742.7	297.7	294.6	2.3	N/A
09/19/2021 19:00	830.6	N/A	811.3	799.4	800.1	2.3	N/A
09/19/2021 20:00	586.8	N/A	541.5	681.7	689.0	1.6	N/A
09/19/2021 21:00	N/A	N/A	561.1	N/A	N/A	N/A	N/A
09/19/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 16:00	N/A	267.7	270.2	281.6	238.8	N/A	0.7
09/20/2021 17:00	312.8	782.6	792.2	793.6	798.0	0.9	2.1
09/20/2021 18:00	783.6	782.2	789.3	766.2	794.2	2.1	2.1
09/20/2021 19:00	430.8	171.7	178.6	174.4	177.7	1.2	0.5
09/20/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr	
09/21/2021 15:00	662.9	N/A	N/A	N/A	N/A	306.2	1.8	N/A
09/21/2021 16:00	846.7	749.1	755.0	280.2	835.4	2.3	2.0	
09/21/2021 17:00	833.1	828.3	833.8	818.1	835.4	2.3	2.3	
09/21/2021 18:00	831.2	826.6	832.0	824.2	832.9	2.3	2.3	
09/21/2021 19:00	677.2	836.7	581.9	672.8	579.2	1.8	2.3	
09/21/2021 20:00	N/A	599.9	N/A	N/A	N/A	N/A	1.6	
09/21/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/21/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/21/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 16:00	728.1	738.9	672.0	297.1	295.0	2.0	2.0	
09/22/2021 17:00	824.8	820.0	616.8	607.2	605.7	2.3	2.2	
09/22/2021 18:00	670.7	667.7	718.9	775.1	721.2	1.8	1.8	
09/22/2021 19:00	N/A	N/A	171.5	594.4	172.6	N/A	N/A	
09/22/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 15:00	291.0	241.9	280.5	286.9	285.5	0.8	0.7	
09/23/2021 16:00	745.7	740.8	751.3	747.0	750.6	2.0	2.0	
09/23/2021 17:00	380.0	379.3	780.7	776.5	782.0	1.0	1.0	
09/23/2021 18:00	727.4	721.7	735.7	689.4	735.3	2.0	2.0	
09/23/2021 19:00	405.2	406.1	174.4	175.9	171.7	1.1	1.1	
09/23/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/24/2021 15:00	275.4	259.0	297.4	303.9	300.4	0.8	0.7
09/24/2021 16:00	794.0	788.6	797.2	791.5	796.3	2.2	2.2
09/24/2021 17:00	752.2	746.7	756.0	697.5	756.7	2.1	2.0
09/24/2021 18:00	791.9	785.9	794.1	787.6	792.1	2.2	2.1
09/24/2021 19:00	163.7	165.0	171.5	172.4	176.7	0.4	0.5
09/24/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/27/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 04:00	650.2	N/A	N/A	N/A	N/A	1.8	N/A
09/28/2021 05:00	802.5	N/A	N/A	N/A	N/A	2.2	N/A
09/28/2021 06:00	635.3	N/A	N/A	N/A	N/A	1.7	N/A
09/28/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/30/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 16:00	N/A	266.1	N/A	276.4	274.5	N/A	0.7
09/30/2021 17:00	312.5	718.0	302.9	691.9	731.4	0.9	2.0
09/30/2021 18:00	758.4	764.5	763.4	758.3	769.1	2.1	2.1
09/30/2021 19:00	408.3	583.6	439.3	166.1	170.9	1.1	1.6
09/30/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 15:00	271.4	256.4	293.7	300.0	295.9	0.7	0.7
10/01/2021 16:00	803.5	800.1	808.9	772.9	803.3	2.2	2.2
10/01/2021 17:00	753.1	749.3	758.1	752.7	753.9	2.1	2.0
10/01/2021 18:00	721.5	813.8	819.0	811.5	806.1	2.0	2.2
10/01/2021 19:00	N/A	587.3	591.8	587.4	161.4	N/A	1.6
10/01/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 15:00	305.1	N/A	293.5	N/A	N/A	0.8	N/A
10/02/2021 16:00	745.4	287.4	751.8	738.5	297.2	2.0	0.8
10/02/2021 17:00	823.5	717.5	728.3	724.1	716.4	2.2	2.0
10/02/2021 18:00	809.7	806.4	812.8	806.8	805.9	2.2	2.2
10/02/2021 19:00	850.8	584.3	592.4	588.2	570.7	2.3	1.6
10/02/2021 20:00	597.3	N/A	N/A	N/A	N/A	1.6	N/A
10/02/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/03/2021 15:00	284.7	267.1	269.2	279.3	309.5	0.8	0.7
10/03/2021 16:00	740.4	738.2	746.2	741.3	742.2	2.0	2.0
10/03/2021 17:00	824.2	559.4	566.7	561.1	563.1	2.3	1.5
10/03/2021 18:00	725.0	720.2	729.8	723.7	724.4	2.0	2.0
10/03/2021 19:00	722.7	689.7	679.6	696.7	673.6	2.0	1.9
10/03/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 14:00	277.6	261.5	N/A	271.8	N/A	0.8	0.7
10/04/2021 15:00	748.9	780.9	295.2	778.6	301.9	2.0	2.1
10/04/2021 16:00	722.0	720.6	721.0	722.5	726.4	2.0	2.0
10/04/2021 17:00	826.3	705.7	713.0	708.2	708.0	2.3	1.9
10/04/2021 18:00	768.7	765.1	771.3	765.7	767.0	2.1	2.1
10/04/2021 19:00	741.4	739.4	745.6	740.7	583.1	2.0	2.0
10/04/2021 20:00	515.2	494.0	547.5	501.0	N/A	1.4	1.3
10/04/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 16:00	730.0	286.0	289.5	N/A	N/A	2.0	0.8
10/05/2021 17:00	664.8	651.4	657.3	N/A	N/A	1.8	1.8
10/05/2021 18:00	765.8	762.9	768.5	N/A	N/A	2.1	2.1
10/05/2021 19:00	428.4	467.2	492.2	N/A	N/A	1.2	1.3
10/05/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/06/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 16:00	647.3	636.7	292.8	640.9	N/A	1.8	1.7
10/06/2021 17:00	714.7	714.5	713.8	717.4	488.0	2.0	2.0
10/06/2021 18:00	726.7	724.4	732.6	727.3	435.4	2.0	2.0
10/06/2021 19:00	456.8	160.8	451.4	163.7	N/A	1.2	0.4
10/06/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 16:00	282.3	N/A	N/A	N/A	N/A	0.8	N/A
10/07/2021 17:00	740.8	N/A	N/A	N/A	N/A	2.0	N/A
10/07/2021 18:00	663.9	N/A	N/A	N/A	N/A	1.8	N/A
10/07/2021 19:00	170.4	N/A	N/A	N/A	N/A	0.5	N/A
10/07/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/09/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 16:00	659.4	N/A	N/A	N/A	N/A	1.8	N/A
10/09/2021 17:00	835.8	N/A	N/A	N/A	N/A	2.3	N/A
10/09/2021 18:00	687.3	N/A	N/A	N/A	N/A	1.9	N/A
10/09/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 17:00	689.4	518.5	691.4	467.9	N/A	1.9	1.4
10/10/2021 18:00	439.7	698.2	448.8	520.3	N/A	1.2	1.9
10/10/2021 19:00	N/A	165.8	N/A	171.2	N/A	N/A	0.5
10/10/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/12/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 16:00	271.6	290.1	259.1	N/A	N/A	0.7	0.8
10/12/2021 17:00	748.0	747.1	754.5	N/A	N/A	2.0	2.0
10/12/2021 18:00	784.4	783.3	783.1	N/A	N/A	2.1	2.1
10/12/2021 19:00	587.1	568.2	175.9	N/A	N/A	1.6	1.6
10/12/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 04:00	753.7	721.9	743.1	737.3	735.8	2.1	2.0
10/13/2021 05:00	829.8	809.9	835.1	826.5	825.9	2.3	2.2
10/13/2021 06:00	811.6	660.9	728.5	676.8	677.3	2.2	1.8
10/13/2021 07:00	547.3	N/A	N/A	N/A	N/A	1.5	N/A
10/13/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 16:00	750.4	692.4	697.4	664.1	N/A	2.0	1.9
10/13/2021 17:00	827.7	822.8	830.4	822.1	757.5	2.3	2.2
10/13/2021 18:00	809.4	780.8	812.2	783.2	778.4	2.2	2.1
10/13/2021 19:00	837.7	725.0	839.7	669.4	671.0	2.3	2.0
10/13/2021 20:00	696.0	N/A	649.2	N/A	N/A	1.9	N/A
10/13/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 15:00	312.1	N/A	261.6	N/A	N/A	0.9	N/A
10/14/2021 16:00	812.2	285.7	816.8	296.8	295.8	2.2	0.8
10/14/2021 17:00	762.3	630.4	649.7	634.3	635.6	2.1	1.7
10/14/2021 18:00	804.0	774.8	779.0	773.9	773.8	2.2	2.1
10/14/2021 19:00	724.1	658.1	682.4	591.4	575.1	2.0	1.8
10/14/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/15/2021 15:00	N/A	268.8	N/A	N/A	N/A	N/A	0.7
10/15/2021 16:00	747.2	746.2	684.8	672.4	666.4	2.0	2.0
10/15/2021 17:00	828.1	822.4	831.3	823.7	825.2	2.3	2.2
10/15/2021 18:00	832.8	784.9	791.2	786.1	775.4	2.3	2.1
10/15/2021 19:00	838.5	783.6	840.4	582.2	173.1	2.3	2.1
10/15/2021 20:00	838.5	723.7	840.4	N/A	N/A	2.3	2.0
10/15/2021 21:00	658.6	N/A	475.3	N/A	N/A	1.8	N/A
10/15/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 15:00	283.2	266.0	304.6	310.8	308.4	0.8	0.7
10/16/2021 16:00	803.4	801.9	805.9	802.9	801.1	2.2	2.2
10/16/2021 17:00	823.3	632.6	639.4	635.9	635.5	2.2	1.7
10/16/2021 18:00	616.3	785.1	792.5	782.4	782.1	1.7	2.1
10/16/2021 19:00	583.2	581.4	569.6	171.8	176.9	1.6	1.6
10/16/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 15:00	290.4	269.9	272.0	280.8	278.0	0.8	0.7
10/17/2021 16:00	685.5	684.3	691.5	687.4	687.1	1.9	1.9
10/17/2021 17:00	678.5	678.6	687.1	683.0	682.2	1.9	1.9
10/17/2021 18:00	781.1	779.9	785.2	780.1	778.8	2.1	2.1
10/17/2021 19:00	706.0	705.0	711.3	706.5	706.0	1.9	1.9
10/17/2021 20:00	166.4	169.6	175.8	177.5	181.0	0.5	0.5
10/17/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/18/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 16:00	N/A	291.9	N/A	301.8	299.7	N/A	0.8
10/18/2021 17:00	293.1	653.3	283.3	661.7	664.1	0.8	1.8
10/18/2021 18:00	790.1	801.4	792.6	801.4	799.8	2.2	2.2
10/18/2021 19:00	412.8	181.0	422.1	179.0	182.3	1.1	0.5
10/18/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 04:00	739.1	649.3	667.6	N/A	N/A	2.0	1.8
10/19/2021 05:00	824.1	820.5	830.2	762.4	761.3	2.2	2.2
10/19/2021 06:00	698.8	682.2	705.4	695.6	679.1	1.9	1.9
10/19/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 16:00	729.0	N/A	N/A	N/A	N/A	2.0	N/A
10/19/2021 17:00	829.3	642.2	650.0	663.8	663.5	2.3	1.8
10/19/2021 18:00	723.9	824.8	832.7	823.2	826.0	2.0	2.3
10/19/2021 19:00	N/A	725.4	734.0	725.4	717.1	N/A	2.0
10/19/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 04:00	722.0	710.6	740.5	N/A	735.4	2.0	1.9
10/20/2021 05:00	830.0	826.4	835.6	738.3	827.3	2.3	2.3
10/20/2021 06:00	666.0	663.7	673.0	716.3	666.5	1.8	1.8
10/20/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 15:00	N/A	272.3	N/A	282.8	315.3	N/A	0.7
10/20/2021 16:00	768.7	811.2	746.5	810.6	809.4	2.1	2.2
10/20/2021 17:00	829.7	822.9	833.2	821.1	824.1	2.3	2.2
10/20/2021 18:00	827.4	822.6	829.9	807.6	823.3	2.3	2.2
10/20/2021 19:00	581.5	826.5	828.1	825.4	827.5	1.6	2.3
10/20/2021 20:00	N/A	828.9	836.4	828.0	721.1	N/A	2.3
10/20/2021 21:00	N/A	592.5	727.0	593.4	N/A	N/A	1.6
10/20/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 04:00	736.9	729.7	719.9	666.8	293.3	2.0	2.0
10/21/2021 05:00	828.5	818.0	833.3	819.1	817.5	2.3	2.2
10/21/2021 06:00	721.9	718.8	727.3	709.7	678.1	2.0	2.0
10/21/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/21/2021 15:00	645.7	291.2	669.5	301.7	297.6	1.8	0.8
10/21/2021 16:00	778.9	760.7	784.0	762.1	760.4	2.1	2.1
10/21/2021 17:00	825.7	818.8	828.7	816.7	819.2	2.3	2.2
10/21/2021 18:00	755.0	752.1	759.4	753.6	753.7	2.1	2.1
10/21/2021 19:00	834.7	823.8	725.0	672.0	674.1	2.3	2.2
10/21/2021 20:00	597.0	176.4	N/A	N/A	N/A	1.6	0.5
10/21/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 04:00	737.6	672.9	738.2	733.2	732.4	2.0	1.8
10/22/2021 05:00	829.6	819.3	834.3	825.9	825.2	2.3	2.2
10/22/2021 06:00	682.7	660.7	672.2	667.5	582.4	1.9	1.8
10/22/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 16:00	263.6	N/A	N/A	N/A	N/A	0.7	N/A
10/22/2021 17:00	650.4	N/A	N/A	N/A	N/A	1.8	N/A
10/22/2021 18:00	779.5	N/A	N/A	N/A	N/A	2.1	N/A
10/22/2021 19:00	172.2	N/A	N/A	N/A	N/A	0.5	N/A
10/22/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/24/2021 15:00	653.7	644.0	678.6	N/A	N/A	1.8	1.8
10/24/2021 16:00	836.3	832.9	841.0	769.3	771.4	2.3	2.3
10/24/2021 17:00	779.9	778.4	784.7	547.3	827.5	2.1	2.1
10/24/2021 18:00	830.6	814.8	818.2	N/A	830.5	2.3	2.2
10/24/2021 19:00	831.3	826.6	833.9	N/A	826.8	2.3	2.3
10/24/2021 20:00	836.2	831.9	839.0	N/A	831.7	2.3	2.3
10/24/2021 21:00	684.1	723.1	684.0	N/A	727.6	1.9	2.0
10/24/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 16:00	280.0	261.9	298.9	272.0	N/A	0.8	0.7
10/26/2021 17:00	704.6	700.8	707.9	707.4	N/A	1.9	1.9
10/26/2021 18:00	770.8	768.4	774.9	769.9	N/A	2.1	2.1
10/26/2021 19:00	164.4	166.9	174.4	176.4	N/A	0.4	0.5
10/26/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 04:00	727.2	693.3	728.1	676.2	N/A	2.0	1.9
10/27/2021 05:00	836.2	820.2	841.6	832.4	743.9	2.3	2.2
10/27/2021 06:00	674.0	663.4	679.9	669.9	668.4	1.8	1.8
10/27/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/27/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 16:00	711.8	N/A	709.8	654.4	666.1	1.9	N/A
10/27/2021 17:00	841.5	N/A	845.4	647.9	838.2	2.3	N/A
10/27/2021 18:00	831.8	N/A	834.7	N/A	828.4	2.3	N/A
10/27/2021 19:00	727.3	N/A	806.4	N/A	707.0	2.0	N/A
10/27/2021 20:00	N/A	N/A	178.8	N/A	N/A	N/A	N/A
10/27/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 15:00	N/A	289.3	294.3	301.7	299.2	N/A	0.8
10/28/2021 16:00	680.2	809.2	817.8	810.9	812.6	1.9	2.2
10/28/2021 17:00	842.5	834.9	843.4	832.2	834.5	2.3	2.3
10/28/2021 18:00	678.5	828.2	830.5	825.4	825.9	1.9	2.3
10/28/2021 19:00	N/A	788.3	793.7	787.8	787.9	N/A	2.2
10/28/2021 20:00	N/A	173.5	182.6	184.0	180.2	N/A	0.5
10/28/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 15:00	671.2	N/A	279.9	287.1	284.7	1.8	N/A
10/29/2021 16:00	793.6	705.8	784.0	785.5	786.6	2.2	1.9
10/29/2021 17:00	752.9	712.7	713.0	713.9	715.0	2.1	1.9
10/29/2021 18:00	836.8	827.9	824.9	824.1	826.0	2.3	2.3
10/29/2021 19:00	830.9	174.1	178.4	178.7	181.3	2.3	0.5
10/29/2021 20:00	197.3	N/A	N/A	N/A	N/A	0.5	N/A
10/29/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/30/2021 15:00	279.6	N/A	N/A	N/A	N/A	N/A	0.8
10/30/2021 16:00	794.3	N/A	N/A	N/A	N/A	N/A	2.2
10/30/2021 17:00	750.8	N/A	N/A	N/A	N/A	N/A	2.0
10/30/2021 18:00	817.3	N/A	N/A	N/A	N/A	N/A	2.2
10/30/2021 19:00	172.9	N/A	N/A	N/A	N/A	N/A	0.5
10/30/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 05:00	511.1	N/A	N/A	N/A	N/A	N/A	1.4
11/01/2021 06:00	666.0	N/A	N/A	N/A	N/A	N/A	1.8
11/01/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 15:00	592.3	297.9	N/A	N/A	N/A	N/A	1.6
11/01/2021 16:00	638.1	638.9	686.7	708.7	688.3	N/A	1.7
11/01/2021 17:00	834.0	747.9	829.0	827.4	829.4	N/A	2.0
11/01/2021 18:00	558.7	777.6	577.1	765.6	540.8	N/A	2.1
11/01/2021 19:00	N/A	854.3	N/A	173.0	N/A	N/A	2.3
11/01/2021 20:00	N/A	178.1	N/A	N/A	N/A	N/A	0.5
11/01/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 05:00	773.0	742.3	768.8	744.6	744.9	N/A	2.0
11/02/2021 06:00	834.9	811.2	832.8	830.7	831.2	N/A	2.2
11/02/2021 07:00	684.8	675.0	685.2	669.6	670.7	N/A	1.8
11/02/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/02/2021 15:00	663.3	292.8	N/A	304.0	N/A	1.8	0.8
11/02/2021 16:00	836.2	775.2	743.1	776.0	706.7	2.3	2.1
11/02/2021 17:00	836.0	787.4	831.3	786.2	827.8	2.3	2.1
11/02/2021 18:00	838.8	830.1	834.8	829.3	828.4	2.3	2.3
11/02/2021 19:00	838.0	833.5	754.9	829.5	831.9	2.3	2.3
11/02/2021 20:00	841.7	836.8	121.0	833.5	835.0	2.3	2.3
11/02/2021 21:00	836.9	829.4	N/A	829.8	830.1	2.3	2.3
11/02/2021 22:00	691.9	687.7	N/A	587.3	589.3	1.9	1.9
11/02/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 03:00	331.0	N/A	N/A	N/A	N/A	0.9	N/A
11/03/2021 04:00	799.5	724.6	N/A	724.0	745.7	2.2	2.0
11/03/2021 05:00	837.0	834.2	N/A	833.1	833.6	2.3	2.3
11/03/2021 06:00	802.1	801.5	N/A	820.1	819.3	2.2	2.2
11/03/2021 07:00	565.1	672.7	N/A	677.2	662.4	1.5	1.8
11/03/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 15:00	639.1	275.3	N/A	285.9	658.7	1.7	0.8
11/03/2021 16:00	702.7	759.4	N/A	790.5	714.1	1.9	2.1
11/03/2021 17:00	831.0	695.8	N/A	697.9	698.6	2.3	1.9
11/03/2021 18:00	834.4	738.8	N/A	714.3	715.3	2.3	2.0
11/03/2021 19:00	693.0	686.7	N/A	N/A	N/A	1.9	1.9
11/03/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 04:00	646.3	702.5	N/A	N/A	N/A	1.8	1.9
11/04/2021 05:00	821.3	813.3	N/A	742.8	741.6	2.2	2.2
11/04/2021 06:00	782.0	699.7	N/A	713.0	706.0	2.1	1.9
11/04/2021 07:00	181.6	N/A	N/A	N/A	N/A	0.5	N/A
11/04/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 15:00	643.6	665.0	N/A	670.2	290.3	1.8	1.8
11/04/2021 16:00	747.4	747.7	N/A	750.1	733.1	2.0	2.0
11/04/2021 17:00	764.6	760.9	N/A	762.8	760.7	2.1	2.1
11/04/2021 18:00	464.4	179.3	N/A	176.7	179.4	1.3	0.5
11/04/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/05/2021 15:00	659.5	664.3	N/A	662.9	662.2	1.8	1.8
11/05/2021 16:00	717.2	755.2	N/A	753.2	715.9	2.0	2.1
11/05/2021 17:00	782.9	775.3	N/A	780.4	777.6	2.1	2.1
11/05/2021 18:00	816.5	805.2	N/A	805.5	802.3	2.2	2.2
11/05/2021 19:00	779.0	166.5	N/A	171.7	174.0	2.1	0.5
11/05/2021 20:00	186.4	N/A	N/A	N/A	N/A	0.5	N/A
11/05/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 17:00	296.3	N/A	501.7	N/A	N/A	0.8	N/A
11/06/2021 18:00	507.0	N/A	426.6	N/A	N/A	1.4	N/A
11/06/2021 19:00	545.5	N/A	N/A	N/A	N/A	1.5	N/A
11/06/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 15:00	685.9	684.9	681.7	674.7	655.0	1.9	1.9
11/07/2021 16:00	697.0	693.8	695.8	695.1	694.2	1.9	1.9
11/07/2021 17:00	716.4	696.2	697.8	726.1	699.7	2.0	1.9
11/07/2021 18:00	626.7	630.8	609.4	519.9	491.4	1.7	1.7
11/07/2021 19:00	803.2	669.5	766.1	N/A	N/A	2.2	1.8
11/07/2021 20:00	545.0	N/A	168.4	N/A	N/A	1.5	N/A
11/07/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 05:00	237.1	729.7	734.0	N/A	N/A	0.6	2.0
11/08/2021 06:00	679.5	711.9	714.1	N/A	N/A	1.9	1.9
11/08/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/08/2021 15:00	282.7	262.4	263.6	306.9	N/A	0.8	0.7
11/08/2021 16:00	728.8	723.1	723.0	728.7	281.2	2.0	2.0
11/08/2021 17:00	818.7	809.6	799.6	808.8	798.1	2.2	2.2
11/08/2021 18:00	788.0	783.9	785.4	784.9	783.0	2.2	2.1
11/08/2021 19:00	817.9	813.5	813.1	582.1	562.9	2.2	2.2
11/08/2021 20:00	180.1	183.0	182.6	N/A	N/A	0.5	0.5
11/08/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 15:00	303.2	286.4	N/A	N/A	N/A	0.8	0.8
11/09/2021 16:00	656.1	653.1	279.5	285.8	659.9	1.8	1.8
11/09/2021 17:00	719.4	662.8	653.0	655.6	678.0	2.0	1.8
11/09/2021 18:00	819.1	816.9	815.3	815.2	807.0	2.2	2.2
11/09/2021 19:00	707.6	638.9	627.4	539.0	180.6	1.9	1.7
11/09/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Final Average*</b>	<b>655.9</b>	<b>627.6</b>	<b>631.1</b>	<b>618.2</b>	<b>622.0</b>		
<b>Maximum*</b>	<b>850.8</b>	<b>854.3</b>	<b>845.4</b>	<b>833.5</b>	<b>838.2</b>		
	10/02/2021	11/01/2021	10/27/2021	11/02/2021	10/27/2021		
	19:00	19:00	17:00	20:00	17:00		
<b>Minimum*</b>	<b>163.7</b>	<b>160.8</b>	<b>121.0</b>	<b>163.7</b>	<b>161.4</b>		
	09/24/2021	10/06/2021	11/02/2021	10/06/2021	10/01/2021		
	19:00	19:00	20:00	19:00	19:00		

\* Does not include Invalid Averaging Periods ("N/A")

Average Values Report  
Generated: 11/23/2021 16:14

Company: Walnut Creek Energy, LLC  
Plant: 911 Bixby Drive  
City/St: City of Industry, CA 91745  
Source: GT1, GT2, GT3, GT4, GT5  
PM10 Lbs/Hr

Period Start: 9/10/2021 00:00  
Period End: 11/9/2021 23:59  
Validation Type: 1/60 min  
Averaging Period: 1 hr  
Type: Block Avg

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/10/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 16:00	687.6	N/A	N/A	N/A	N/A	4.8	N/A
09/10/2021 17:00	828.9	647.8	752.4	N/A	N/A	5.8	4.6
09/10/2021 18:00	452.9	529.5	455.1	N/A	N/A	3.2	3.7
09/10/2021 19:00	N/A	406.2	N/A	N/A	N/A	N/A	2.9
09/10/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 16:00	690.8	283.8	285.9	294.8	N/A	4.9	2.0
09/11/2021 17:00	831.7	818.2	815.7	819.7	761.5	5.9	5.8
09/11/2021 18:00	745.2	740.3	743.4	745.1	744.8	5.2	5.2
09/11/2021 19:00	418.8	823.1	821.6	177.3	180.0	2.9	5.8
09/11/2021 20:00	N/A	176.9	177.6	N/A	N/A	N/A	1.2
09/11/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/12/2021 15:00	286.2	N/A	268.4	N/A	N/A	2.0	N/A
09/12/2021 16:00	788.0	290.6	748.8	302.6	301.7	5.5	2.0
09/12/2021 17:00	829.5	818.7	723.8	724.6	725.5	5.8	5.8
09/12/2021 18:00	685.9	749.3	719.2	725.0	729.9	4.8	5.3
09/12/2021 19:00	790.3	788.6	787.9	795.3	178.5	5.6	5.6
09/12/2021 20:00	173.8	175.6	172.6	175.0	N/A	1.2	1.2
09/12/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 17:00	747.3	752.6	750.5	755.6	753.5	5.3	5.3
09/13/2021 18:00	568.3	731.4	732.5	738.8	736.5	4.0	5.1
09/13/2021 19:00	N/A	168.5	172.0	173.8	176.1	N/A	1.2
09/13/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 15:00	304.4	N/A	N/A	N/A	N/A	2.1	N/A
09/14/2021 16:00	814.5	N/A	291.7	N/A	299.5	5.7	N/A
09/14/2021 17:00	803.6	275.7	728.4	N/A	735.3	5.7	1.9
09/14/2021 18:00	717.1	692.7	688.6	696.7	689.5	5.0	4.9
09/14/2021 19:00	174.7	417.0	179.0	478.5	180.2	1.2	2.9
09/14/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/15/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 16:00	272.4	291.5	291.1	300.9	N/A	1.9	2.1
09/15/2021 17:00	668.3	665.2	668.0	672.5	N/A	4.7	4.7
09/15/2021 18:00	761.0	755.5	759.8	762.8	N/A	5.4	5.3
09/15/2021 19:00	175.3	177.2	182.5	185.0	N/A	1.2	1.2
09/15/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/18/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 17:00	658.1	N/A	N/A	N/A	N/A	4.6	N/A
09/19/2021 18:00	831.3	N/A	742.7	297.7	294.6	5.9	N/A
09/19/2021 19:00	830.6	N/A	811.3	799.4	800.1	5.8	N/A
09/19/2021 20:00	586.8	N/A	541.5	681.7	689.0	4.1	N/A
09/19/2021 21:00	N/A	N/A	561.1	N/A	N/A	N/A	N/A
09/19/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 16:00	N/A	267.7	270.2	281.6	238.8	N/A	1.9
09/20/2021 17:00	312.8	782.6	792.2	793.6	798.0	2.2	5.5
09/20/2021 18:00	783.6	782.2	789.3	766.2	794.2	5.5	5.5
09/20/2021 19:00	430.8	171.7	178.6	174.4	177.7	3.0	1.2
09/20/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr	
09/21/2021 15:00	662.9	N/A	N/A	N/A	N/A	306.2	4.7	N/A
09/21/2021 16:00	846.7	749.1	755.0	280.2	835.4	6.0	5.3	
09/21/2021 17:00	833.1	828.3	833.8	818.1	835.4	5.9	5.8	
09/21/2021 18:00	831.2	826.6	832.0	824.2	832.9	5.9	5.8	
09/21/2021 19:00	677.2	836.7	581.9	672.8	579.2	4.8	5.9	
09/21/2021 20:00	N/A	599.9	N/A	N/A	N/A	N/A	4.2	
09/21/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/21/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/21/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 16:00	728.1	738.9	672.0	297.1	295.0	5.1	5.2	
09/22/2021 17:00	824.8	820.0	616.8	607.2	605.7	5.8	5.8	
09/22/2021 18:00	670.7	667.7	718.9	775.1	721.2	4.7	4.7	
09/22/2021 19:00	N/A	N/A	171.5	594.4	172.6	N/A	N/A	
09/22/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 15:00	291.0	241.9	280.5	286.9	285.5	2.0	1.7	
09/23/2021 16:00	745.7	740.8	751.3	747.0	750.6	5.2	5.2	
09/23/2021 17:00	380.0	379.3	780.7	776.5	782.0	2.7	2.7	
09/23/2021 18:00	727.4	721.7	735.7	689.4	735.3	5.1	5.1	
09/23/2021 19:00	405.2	406.1	174.4	175.9	171.7	2.9	2.9	
09/23/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/24/2021 15:00	275.4	259.0	297.4	303.9	300.4	1.9	1.8
09/24/2021 16:00	794.0	788.6	797.2	791.5	796.3	5.6	5.6
09/24/2021 17:00	752.2	746.7	756.0	697.5	756.7	5.3	5.3
09/24/2021 18:00	791.9	785.9	794.1	787.6	792.1	5.6	5.5
09/24/2021 19:00	163.7	165.0	171.5	172.4	176.7	1.2	1.2
09/24/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/27/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 04:00	650.2	N/A	N/A	N/A	N/A	4.6	N/A
09/28/2021 05:00	802.5	N/A	N/A	N/A	N/A	5.6	N/A
09/28/2021 06:00	635.3	N/A	N/A	N/A	N/A	4.5	N/A
09/28/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/30/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 16:00	N/A	266.1	N/A	276.4	274.5	N/A	1.9
09/30/2021 17:00	312.5	718.0	302.9	691.9	731.4	2.2	5.1
09/30/2021 18:00	758.4	764.5	763.4	758.3	769.1	5.3	5.4
09/30/2021 19:00	408.3	583.6	439.3	166.1	170.9	2.9	4.1
09/30/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 15:00	271.4	256.4	293.7	300.0	295.9	1.9	1.8
10/01/2021 16:00	803.5	800.1	808.9	772.9	803.3	5.7	5.6
10/01/2021 17:00	753.1	749.3	758.1	752.7	753.9	5.3	5.3
10/01/2021 18:00	721.5	813.8	819.0	811.5	806.1	5.1	5.7
10/01/2021 19:00	N/A	587.3	591.8	587.4	161.4	N/A	4.1
10/01/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 15:00	305.1	N/A	293.5	N/A	N/A	2.1	N/A
10/02/2021 16:00	745.4	287.4	751.8	738.5	297.2	5.2	2.0
10/02/2021 17:00	823.5	717.5	728.3	724.1	716.4	5.8	5.1
10/02/2021 18:00	809.7	806.4	812.8	806.8	805.9	5.7	5.7
10/02/2021 19:00	850.8	584.3	592.4	588.2	570.7	6.0	4.1
10/02/2021 20:00	597.3	N/A	N/A	N/A	N/A	4.2	N/A
10/02/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/03/2021 15:00	284.7	267.1	269.2	279.3	309.5	2.0	1.9
10/03/2021 16:00	740.4	738.2	746.2	741.3	742.2	5.2	5.2
10/03/2021 17:00	824.2	559.4	566.7	561.1	563.1	5.8	3.9
10/03/2021 18:00	725.0	720.2	729.8	723.7	724.4	5.1	5.1
10/03/2021 19:00	722.7	689.7	679.6	696.7	673.6	5.1	4.9
10/03/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 14:00	277.6	261.5	N/A	271.8	N/A	2.0	1.8
10/04/2021 15:00	748.9	780.9	295.2	778.6	301.9	5.3	5.5
10/04/2021 16:00	722.0	720.6	721.0	722.5	726.4	5.1	5.1
10/04/2021 17:00	826.3	705.7	713.0	708.2	708.0	5.8	5.0
10/04/2021 18:00	768.7	765.1	771.3	765.7	767.0	5.4	5.4
10/04/2021 19:00	741.4	739.4	745.6	740.7	583.1	5.2	5.2
10/04/2021 20:00	515.2	494.0	547.5	501.0	N/A	3.6	3.5
10/04/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 16:00	730.0	286.0	289.5	N/A	N/A	5.1	2.0
10/05/2021 17:00	664.8	651.4	657.3	N/A	N/A	4.7	4.6
10/05/2021 18:00	765.8	762.9	768.5	N/A	N/A	5.4	5.4
10/05/2021 19:00	428.4	467.2	492.2	N/A	N/A	3.0	3.3
10/05/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/06/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 16:00	647.3	636.7	292.8	640.9	N/A	4.6	4.5
10/06/2021 17:00	714.7	714.5	713.8	717.4	488.0	5.0	5.0
10/06/2021 18:00	726.7	724.4	732.6	727.3	435.4	5.1	5.1
10/06/2021 19:00	456.8	160.8	451.4	163.7	N/A	3.2	1.1
10/06/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 16:00	282.3	N/A	N/A	N/A	N/A	2.0	N/A
10/07/2021 17:00	740.8	N/A	N/A	N/A	N/A	5.2	N/A
10/07/2021 18:00	663.9	N/A	N/A	N/A	N/A	4.7	N/A
10/07/2021 19:00	170.4	N/A	N/A	N/A	N/A	1.2	N/A
10/07/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/09/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 16:00	659.4	N/A	N/A	N/A	N/A	4.6	N/A
10/09/2021 17:00	835.8	N/A	N/A	N/A	N/A	5.9	N/A
10/09/2021 18:00	687.3	N/A	N/A	N/A	N/A	4.8	N/A
10/09/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 17:00	689.4	518.5	691.4	467.9	N/A	4.9	3.7
10/10/2021 18:00	439.7	698.2	448.8	520.3	N/A	3.1	4.9
10/10/2021 19:00	N/A	165.8	N/A	171.2	N/A	N/A	1.2
10/10/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/12/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 16:00	271.6	290.1	259.1	N/A	N/A	1.9	2.0
10/12/2021 17:00	748.0	747.1	754.5	N/A	N/A	5.3	5.3
10/12/2021 18:00	784.4	783.3	783.1	N/A	N/A	5.5	5.5
10/12/2021 19:00	587.1	568.2	175.9	N/A	N/A	4.1	4.0
10/12/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 04:00	753.7	721.9	743.1	737.3	735.8	5.3	5.1
10/13/2021 05:00	829.8	809.9	835.1	826.5	825.9	5.8	5.7
10/13/2021 06:00	811.6	660.9	728.5	676.8	677.3	5.7	4.7
10/13/2021 07:00	547.3	N/A	N/A	N/A	N/A	3.9	N/A
10/13/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 16:00	750.4	692.4	697.4	664.1	N/A	5.3	4.9
10/13/2021 17:00	827.7	822.8	830.4	822.1	757.5	5.8	5.8
10/13/2021 18:00	809.4	780.8	812.2	783.2	778.4	5.7	5.5
10/13/2021 19:00	837.7	725.0	839.7	669.4	671.0	5.9	5.1
10/13/2021 20:00	696.0	N/A	649.2	N/A	N/A	4.9	N/A
10/13/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 15:00	312.1	N/A	261.6	N/A	N/A	2.2	N/A
10/14/2021 16:00	812.2	285.7	816.8	296.8	295.8	5.7	2.0
10/14/2021 17:00	762.3	630.4	649.7	634.3	635.6	5.4	4.4
10/14/2021 18:00	804.0	774.8	779.0	773.9	773.8	5.7	5.5
10/14/2021 19:00	724.1	658.1	682.4	591.4	575.1	5.1	4.6
10/14/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/15/2021 15:00	N/A	268.8	N/A	N/A	N/A	N/A	1.9
10/15/2021 16:00	747.2	746.2	684.8	672.4	666.4	5.3	5.3
10/15/2021 17:00	828.1	822.4	831.3	823.7	825.2	5.8	5.8
10/15/2021 18:00	832.8	784.9	791.2	786.1	775.4	5.9	5.5
10/15/2021 19:00	838.5	783.6	840.4	582.2	173.1	5.9	5.5
10/15/2021 20:00	838.5	723.7	840.4	N/A	N/A	5.9	5.1
10/15/2021 21:00	658.6	N/A	475.3	N/A	N/A	4.6	N/A
10/15/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 15:00	283.2	266.0	304.6	310.8	308.4	2.0	1.9
10/16/2021 16:00	803.4	801.9	805.9	802.9	801.1	5.7	5.6
10/16/2021 17:00	823.3	632.6	639.4	635.9	635.5	5.8	4.5
10/16/2021 18:00	616.3	785.1	792.5	782.4	782.1	4.3	5.5
10/16/2021 19:00	583.2	581.4	569.6	171.8	176.9	4.1	4.1
10/16/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 15:00	290.4	269.9	272.0	280.8	278.0	2.0	1.9
10/17/2021 16:00	685.5	684.3	691.5	687.4	687.1	4.8	4.8
10/17/2021 17:00	678.5	678.6	687.1	683.0	682.2	4.8	4.8
10/17/2021 18:00	781.1	779.9	785.2	780.1	778.8	5.5	5.5
10/17/2021 19:00	706.0	705.0	711.3	706.5	706.0	5.0	5.0
10/17/2021 20:00	166.4	169.6	175.8	177.5	181.0	1.2	1.2
10/17/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/18/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 16:00	N/A	291.9	N/A	301.8	299.7	N/A	2.1
10/18/2021 17:00	293.1	653.3	283.3	661.7	664.1	2.1	4.6
10/18/2021 18:00	790.1	801.4	792.6	801.4	799.8	5.6	5.6
10/18/2021 19:00	412.8	181.0	422.1	179.0	182.3	2.9	1.3
10/18/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 04:00	739.1	649.3	667.6	N/A	N/A	5.2	4.6
10/19/2021 05:00	824.1	820.5	830.2	762.4	761.3	5.8	5.8
10/19/2021 06:00	698.8	682.2	705.4	695.6	679.1	4.9	4.8
10/19/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 16:00	729.0	N/A	N/A	N/A	N/A	5.1	N/A
10/19/2021 17:00	829.3	642.2	650.0	663.8	663.5	5.8	4.5
10/19/2021 18:00	723.9	824.8	832.7	823.2	826.0	5.1	5.8
10/19/2021 19:00	N/A	725.4	734.0	725.4	717.1	N/A	5.1
10/19/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 04:00	722.0	710.6	740.5	N/A	735.4	5.1	5.0
10/20/2021 05:00	830.0	826.4	835.6	738.3	827.3	5.8	5.8
10/20/2021 06:00	666.0	663.7	673.0	716.3	666.5	4.7	4.7
10/20/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 15:00	N/A	272.3	N/A	282.8	315.3	N/A	1.9
10/20/2021 16:00	768.7	811.2	746.5	810.6	809.4	5.4	5.7
10/20/2021 17:00	829.7	822.9	833.2	821.1	824.1	5.8	5.8
10/20/2021 18:00	827.4	822.6	829.9	807.6	823.3	5.8	5.8
10/20/2021 19:00	581.5	826.5	828.1	825.4	827.5	4.1	5.8
10/20/2021 20:00	N/A	828.9	836.4	828.0	721.1	N/A	5.8
10/20/2021 21:00	N/A	592.5	727.0	593.4	N/A	N/A	4.2
10/20/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 04:00	736.9	729.7	719.9	666.8	293.3	5.2	5.1
10/21/2021 05:00	828.5	818.0	833.3	819.1	817.5	5.8	5.8
10/21/2021 06:00	721.9	718.8	727.3	709.7	678.1	5.1	5.1
10/21/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/21/2021 15:00	645.7	291.2	669.5	301.7	297.6	4.5	2.1
10/21/2021 16:00	778.9	760.7	784.0	762.1	760.4	5.5	5.4
10/21/2021 17:00	825.7	818.8	828.7	816.7	819.2	5.8	5.8
10/21/2021 18:00	755.0	752.1	759.4	753.6	753.7	5.3	5.3
10/21/2021 19:00	834.7	823.8	725.0	672.0	674.1	5.9	5.8
10/21/2021 20:00	597.0	176.4	N/A	N/A	N/A	4.2	1.2
10/21/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 04:00	737.6	672.9	738.2	733.2	732.4	5.2	4.7
10/22/2021 05:00	829.6	819.3	834.3	825.9	825.2	5.8	5.8
10/22/2021 06:00	682.7	660.7	672.2	667.5	582.4	4.8	4.7
10/22/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 16:00	263.6	N/A	N/A	N/A	N/A	1.9	N/A
10/22/2021 17:00	650.4	N/A	N/A	N/A	N/A	4.6	N/A
10/22/2021 18:00	779.5	N/A	N/A	N/A	N/A	5.5	N/A
10/22/2021 19:00	172.2	N/A	N/A	N/A	N/A	1.2	N/A
10/22/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/24/2021 15:00	653.7	644.0	678.6	N/A	N/A	4.6	4.5
10/24/2021 16:00	836.3	832.9	841.0	769.3	771.4	5.9	5.9
10/24/2021 17:00	779.9	778.4	784.7	547.3	827.5	5.5	5.5
10/24/2021 18:00	830.6	814.8	818.2	N/A	830.5	5.8	5.7
10/24/2021 19:00	831.3	826.6	833.9	N/A	826.8	5.9	5.8
10/24/2021 20:00	836.2	831.9	839.0	N/A	831.7	5.9	5.9
10/24/2021 21:00	684.1	723.1	684.0	N/A	727.6	4.8	5.1
10/24/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 16:00	280.0	261.9	298.9	272.0	N/A	2.0	1.8
10/26/2021 17:00	704.6	700.8	707.9	707.4	N/A	5.0	4.9
10/26/2021 18:00	770.8	768.4	774.9	769.9	N/A	5.4	5.4
10/26/2021 19:00	164.4	166.9	174.4	176.4	N/A	1.2	1.2
10/26/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 04:00	727.2	693.3	728.1	676.2	N/A	5.1	4.9
10/27/2021 05:00	836.2	820.2	841.6	832.4	743.9	5.9	5.8
10/27/2021 06:00	674.0	663.4	679.9	669.9	668.4	4.7	4.7
10/27/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/27/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 16:00	711.8	N/A	709.8	654.4	666.1	5.0	N/A
10/27/2021 17:00	841.5	N/A	845.4	647.9	838.2	5.9	N/A
10/27/2021 18:00	831.8	N/A	834.7	N/A	828.4	5.9	N/A
10/27/2021 19:00	727.3	N/A	806.4	N/A	707.0	5.1	N/A
10/27/2021 20:00	N/A	N/A	178.8	N/A	N/A	N/A	N/A
10/27/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 15:00	N/A	289.3	294.3	301.7	299.2	N/A	2.0
10/28/2021 16:00	680.2	809.2	817.8	810.9	812.6	4.8	5.7
10/28/2021 17:00	842.5	834.9	843.4	832.2	834.5	5.9	5.9
10/28/2021 18:00	678.5	828.2	830.5	825.4	825.9	4.8	5.8
10/28/2021 19:00	N/A	788.3	793.7	787.8	787.9	N/A	5.5
10/28/2021 20:00	N/A	173.5	182.6	184.0	180.2	N/A	1.2
10/28/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 15:00	671.2	N/A	279.9	287.1	284.7	4.7	N/A
10/29/2021 16:00	793.6	705.8	784.0	785.5	786.6	5.6	5.0
10/29/2021 17:00	752.9	712.7	713.0	713.9	715.0	5.3	5.0
10/29/2021 18:00	836.8	827.9	824.9	824.1	826.0	5.9	5.8
10/29/2021 19:00	830.9	174.1	178.4	178.7	181.3	5.8	1.2
10/29/2021 20:00	197.3	N/A	N/A	N/A	N/A	1.4	N/A
10/29/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/30/2021 15:00	279.6	N/A	N/A	N/A	N/A	2.0	N/A
10/30/2021 16:00	794.3	N/A	N/A	N/A	N/A	5.6	N/A
10/30/2021 17:00	750.8	N/A	N/A	N/A	N/A	5.3	N/A
10/30/2021 18:00	817.3	N/A	N/A	N/A	N/A	5.8	N/A
10/30/2021 19:00	172.9	N/A	N/A	N/A	N/A	1.2	N/A
10/30/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 05:00	511.1	N/A	N/A	N/A	N/A	0.3	N/A
11/01/2021 06:00	666.0	N/A	N/A	N/A	N/A	0.4	N/A
11/01/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 15:00	592.3	297.9	N/A	N/A	N/A	4.2	2.1
11/01/2021 16:00	638.1	638.9	686.7	708.7	688.3	4.5	4.5
11/01/2021 17:00	834.0	747.9	829.0	827.4	829.4	5.9	5.3
11/01/2021 18:00	558.7	777.6	577.1	765.6	540.8	3.9	5.5
11/01/2021 19:00	N/A	854.3	N/A	173.0	N/A	N/A	6.0
11/01/2021 20:00	N/A	178.1	N/A	N/A	N/A	N/A	1.3
11/01/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 05:00	773.0	742.3	768.8	744.6	744.9	5.4	5.2
11/02/2021 06:00	834.9	811.2	832.8	830.7	831.2	5.9	5.7
11/02/2021 07:00	684.8	675.0	685.2	669.6	670.7	4.8	4.8
11/02/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/02/2021 15:00	663.3	292.8	N/A	304.0	N/A	4.7	2.1
11/02/2021 16:00	836.2	775.2	743.1	776.0	706.7	5.9	5.5
11/02/2021 17:00	836.0	787.4	831.3	786.2	827.8	5.9	5.5
11/02/2021 18:00	838.8	830.1	834.8	829.3	828.4	5.9	5.8
11/02/2021 19:00	838.0	833.5	754.9	829.5	831.9	5.9	5.9
11/02/2021 20:00	841.7	836.8	121.0	833.5	835.0	5.9	5.9
11/02/2021 21:00	836.9	829.4	N/A	829.8	830.1	5.9	5.8
11/02/2021 22:00	691.9	687.7	N/A	587.3	589.3	4.9	4.8
11/02/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 03:00	331.0	N/A	N/A	N/A	N/A	2.3	N/A
11/03/2021 04:00	799.5	724.6	N/A	724.0	745.7	5.6	5.1
11/03/2021 05:00	837.0	834.2	N/A	833.1	833.6	5.9	5.9
11/03/2021 06:00	802.1	801.5	N/A	820.1	819.3	5.6	5.6
11/03/2021 07:00	565.1	672.7	N/A	677.2	662.4	4.0	4.7
11/03/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 15:00	639.1	275.3	N/A	285.9	658.7	4.5	1.9
11/03/2021 16:00	702.7	759.4	N/A	790.5	714.1	4.9	5.3
11/03/2021 17:00	831.0	695.8	N/A	697.9	698.6	5.9	4.9
11/03/2021 18:00	834.4	738.8	N/A	714.3	715.3	5.9	5.2
11/03/2021 19:00	693.0	686.7	N/A	N/A	N/A	4.9	4.8
11/03/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 04:00	646.3	702.5	N/A	N/A	N/A	4.5	4.9
11/04/2021 05:00	821.3	813.3	N/A	742.8	741.6	5.8	5.7
11/04/2021 06:00	782.0	699.7	N/A	713.0	706.0	5.5	4.9
11/04/2021 07:00	181.6	N/A	N/A	N/A	N/A	1.3	N/A
11/04/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 15:00	643.6	665.0	N/A	670.2	290.3	4.5	4.7
11/04/2021 16:00	747.4	747.7	N/A	750.1	733.1	5.3	5.3
11/04/2021 17:00	764.6	760.9	N/A	762.8	760.7	5.4	5.4
11/04/2021 18:00	464.4	179.3	N/A	176.7	179.4	3.3	1.3
11/04/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/05/2021 15:00	659.5	664.3	N/A	662.9	662.2	4.6	4.7
11/05/2021 16:00	717.2	755.2	N/A	753.2	715.9	5.0	5.3
11/05/2021 17:00	782.9	775.3	N/A	780.4	777.6	5.5	5.5
11/05/2021 18:00	816.5	805.2	N/A	805.5	802.3	5.7	5.7
11/05/2021 19:00	779.0	166.5	N/A	171.7	174.0	5.5	1.2
11/05/2021 20:00	186.4	N/A	N/A	N/A	N/A	1.3	N/A
11/05/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 17:00	296.3	N/A	501.7	N/A	N/A	2.1	N/A
11/06/2021 18:00	507.0	N/A	426.6	N/A	N/A	3.6	N/A
11/06/2021 19:00	545.5	N/A	N/A	N/A	N/A	3.8	N/A
11/06/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 15:00	685.9	684.9	681.7	674.7	655.0	4.8	4.8
11/07/2021 16:00	697.0	693.8	695.8	695.1	694.2	4.9	4.9
11/07/2021 17:00	716.4	696.2	697.8	726.1	699.7	5.0	4.9
11/07/2021 18:00	626.7	630.8	609.4	519.9	491.4	4.4	4.4
11/07/2021 19:00	803.2	669.5	766.1	N/A	N/A	5.7	4.7
11/07/2021 20:00	545.0	N/A	168.4	N/A	N/A	3.8	N/A
11/07/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 05:00	237.1	729.7	734.0	N/A	N/A	1.7	5.1
11/08/2021 06:00	679.5	711.9	714.1	N/A	N/A	4.8	5.0
11/08/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/08/2021 15:00	282.7	262.4	263.6	306.9	N/A	2.0	1.8
11/08/2021 16:00	728.8	723.1	723.0	728.7	281.2	5.1	5.1
11/08/2021 17:00	818.7	809.6	799.6	808.8	798.1	5.8	5.7
11/08/2021 18:00	788.0	783.9	785.4	784.9	783.0	5.5	5.5
11/08/2021 19:00	817.9	813.5	813.1	582.1	562.9	5.8	5.7
11/08/2021 20:00	180.1	183.0	182.6	N/A	N/A	1.3	1.3
11/08/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 15:00	303.2	286.4	N/A	N/A	N/A	2.1	2.0
11/09/2021 16:00	656.1	653.1	279.5	285.8	659.9	4.6	4.6
11/09/2021 17:00	719.4	662.8	653.0	655.6	678.0	5.1	4.7
11/09/2021 18:00	819.1	816.9	815.3	815.2	807.0	5.8	5.8
11/09/2021 19:00	707.6	638.9	627.4	539.0	180.6	5.0	4.5
11/09/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Final Average*</b>	<b>655.9</b>	<b>627.6</b>	<b>631.1</b>	<b>618.2</b>	<b>622.0</b>		
<b>Maximum*</b>	<b>850.8</b>	<b>854.3</b>	<b>845.4</b>	<b>833.5</b>	<b>838.2</b>		
	10/02/2021	11/01/2021	10/27/2021	11/02/2021	10/27/2021		
	19:00	19:00	17:00	20:00	17:00		
<b>Minimum*</b>	<b>163.7</b>	<b>160.8</b>	<b>121.0</b>	<b>163.7</b>	<b>161.4</b>		
	09/24/2021	10/06/2021	11/02/2021	10/06/2021	10/01/2021		
	19:00	19:00	20:00	19:00	19:00		

\* Does not include Invalid Averaging Periods ("N/A")

Average Values Report  
Generated: 11/23/2021 16:14

Company: Walnut Creek Energy, LLC  
Plant: 911 Bixby Drive  
City/St: City of Industry, CA 91745  
Source: GT1, GT2, GT3, GT4, GT5  
PM2.5 Lbs/Hr (same emission factor as PM10; assumes all PM10 as PM2.5)

Period Start: 9/10/2021 00:00  
Period End: 11/9/2021 23:59  
Validation Type: 1/60 min  
Averaging Period: 1 hr  
Type: Block Avg

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/10/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 16:00	687.6	N/A	N/A	N/A	N/A	4.8	N/A
09/10/2021 17:00	828.9	647.8	752.4	N/A	N/A	5.8	4.6
09/10/2021 18:00	452.9	529.5	455.1	N/A	N/A	3.2	3.7
09/10/2021 19:00	N/A	406.2	N/A	N/A	N/A	N/A	2.9
09/10/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/10/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 16:00	690.8	283.8	285.9	294.8	N/A	4.9	2.0
09/11/2021 17:00	831.7	818.2	815.7	819.7	761.5	5.9	5.8
09/11/2021 18:00	745.2	740.3	743.4	745.1	744.8	5.2	5.2
09/11/2021 19:00	418.8	823.1	821.6	177.3	180.0	2.9	5.8
09/11/2021 20:00	N/A	176.9	177.6	N/A	N/A	N/A	1.2
09/11/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/11/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/12/2021 15:00	286.2	N/A	268.4	N/A	N/A	2.0	N/A
09/12/2021 16:00	788.0	290.6	748.8	302.6	301.7	5.5	2.0
09/12/2021 17:00	829.5	818.7	723.8	724.6	725.5	5.8	5.8
09/12/2021 18:00	685.9	749.3	719.2	725.0	729.9	4.8	5.3
09/12/2021 19:00	790.3	788.6	787.9	795.3	178.5	5.6	5.6
09/12/2021 20:00	173.8	175.6	172.6	175.0	N/A	1.2	1.2
09/12/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/12/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 17:00	747.3	752.6	750.5	755.6	753.5	5.3	5.3
09/13/2021 18:00	568.3	731.4	732.5	738.8	736.5	4.0	5.1
09/13/2021 19:00	N/A	168.5	172.0	173.8	176.1	N/A	1.2
09/13/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/13/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 15:00	304.4	N/A	N/A	N/A	N/A	2.1	N/A
09/14/2021 16:00	814.5	N/A	291.7	N/A	299.5	5.7	N/A
09/14/2021 17:00	803.6	275.7	728.4	N/A	735.3	5.7	1.9
09/14/2021 18:00	717.1	692.7	688.6	696.7	689.5	5.0	4.9
09/14/2021 19:00	174.7	417.0	179.0	478.5	180.2	1.2	2.9
09/14/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/14/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/15/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 16:00	272.4	291.5	291.1	300.9	N/A	1.9	2.1
09/15/2021 17:00	668.3	665.2	668.0	672.5	N/A	4.7	4.7
09/15/2021 18:00	761.0	755.5	759.8	762.8	N/A	5.4	5.3
09/15/2021 19:00	175.3	177.2	182.5	185.0	N/A	1.2	1.2
09/15/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/15/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/16/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/17/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/18/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/18/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 17:00	658.1	N/A	N/A	N/A	N/A	4.6	N/A
09/19/2021 18:00	831.3	N/A	742.7	297.7	294.6	5.9	N/A
09/19/2021 19:00	830.6	N/A	811.3	799.4	800.1	5.8	N/A
09/19/2021 20:00	586.8	N/A	541.5	681.7	689.0	4.1	N/A
09/19/2021 21:00	N/A	N/A	561.1	N/A	N/A	N/A	N/A
09/19/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/19/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 16:00	N/A	267.7	270.2	281.6	238.8	N/A	1.9
09/20/2021 17:00	312.8	782.6	792.2	793.6	798.0	2.2	5.5
09/20/2021 18:00	783.6	782.2	789.3	766.2	794.2	5.5	5.5
09/20/2021 19:00	430.8	171.7	178.6	174.4	177.7	3.0	1.2
09/20/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/20/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/21/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr	
09/21/2021 15:00	662.9	N/A	N/A	N/A	N/A	306.2	4.7	N/A
09/21/2021 16:00	846.7	749.1	755.0	280.2	835.4	6.0	5.3	
09/21/2021 17:00	833.1	828.3	833.8	818.1	835.4	5.9	5.8	
09/21/2021 18:00	831.2	826.6	832.0	824.2	832.9	5.9	5.8	
09/21/2021 19:00	677.2	836.7	581.9	672.8	579.2	4.8	5.9	
09/21/2021 20:00	N/A	599.9	N/A	N/A	N/A	N/A	4.2	
09/21/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/21/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/21/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 16:00	728.1	738.9	672.0	297.1	295.0	5.1	5.2	
09/22/2021 17:00	824.8	820.0	616.8	607.2	605.7	5.8	5.8	
09/22/2021 18:00	670.7	667.7	718.9	775.1	721.2	4.7	4.7	
09/22/2021 19:00	N/A	N/A	171.5	594.4	172.6	N/A	N/A	
09/22/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/22/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 15:00	291.0	241.9	280.5	286.9	285.5	2.0	1.7	
09/23/2021 16:00	745.7	740.8	751.3	747.0	750.6	5.2	5.2	
09/23/2021 17:00	380.0	379.3	780.7	776.5	782.0	2.7	2.7	
09/23/2021 18:00	727.4	721.7	735.7	689.4	735.3	5.1	5.1	
09/23/2021 19:00	405.2	406.1	174.4	175.9	171.7	2.9	2.9	
09/23/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/23/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
09/24/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/24/2021 15:00	275.4	259.0	297.4	303.9	300.4	1.9	1.8
09/24/2021 16:00	794.0	788.6	797.2	791.5	796.3	5.6	5.6
09/24/2021 17:00	752.2	746.7	756.0	697.5	756.7	5.3	5.3
09/24/2021 18:00	791.9	785.9	794.1	787.6	792.1	5.6	5.5
09/24/2021 19:00	163.7	165.0	171.5	172.4	176.7	1.2	1.2
09/24/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/24/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/25/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/26/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/27/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/27/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 04:00	650.2	N/A	N/A	N/A	N/A	4.6	N/A
09/28/2021 05:00	802.5	N/A	N/A	N/A	N/A	5.6	N/A
09/28/2021 06:00	635.3	N/A	N/A	N/A	N/A	4.5	N/A
09/28/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/28/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/29/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
09/30/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 16:00	N/A	266.1	N/A	276.4	274.5	N/A	1.9
09/30/2021 17:00	312.5	718.0	302.9	691.9	731.4	2.2	5.1
09/30/2021 18:00	758.4	764.5	763.4	758.3	769.1	5.3	5.4
09/30/2021 19:00	408.3	583.6	439.3	166.1	170.9	2.9	4.1
09/30/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
09/30/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 15:00	271.4	256.4	293.7	300.0	295.9	1.9	1.8
10/01/2021 16:00	803.5	800.1	808.9	772.9	803.3	5.7	5.6
10/01/2021 17:00	753.1	749.3	758.1	752.7	753.9	5.3	5.3
10/01/2021 18:00	721.5	813.8	819.0	811.5	806.1	5.1	5.7
10/01/2021 19:00	N/A	587.3	591.8	587.4	161.4	N/A	4.1
10/01/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/01/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 15:00	305.1	N/A	293.5	N/A	N/A	2.1	N/A
10/02/2021 16:00	745.4	287.4	751.8	738.5	297.2	5.2	2.0
10/02/2021 17:00	823.5	717.5	728.3	724.1	716.4	5.8	5.1
10/02/2021 18:00	809.7	806.4	812.8	806.8	805.9	5.7	5.7
10/02/2021 19:00	850.8	584.3	592.4	588.2	570.7	6.0	4.1
10/02/2021 20:00	597.3	N/A	N/A	N/A	N/A	4.2	N/A
10/02/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/02/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/03/2021 15:00	284.7	267.1	269.2	279.3	309.5	2.0	1.9
10/03/2021 16:00	740.4	738.2	746.2	741.3	742.2	5.2	5.2
10/03/2021 17:00	824.2	559.4	566.7	561.1	563.1	5.8	3.9
10/03/2021 18:00	725.0	720.2	729.8	723.7	724.4	5.1	5.1
10/03/2021 19:00	722.7	689.7	679.6	696.7	673.6	5.1	4.9
10/03/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/03/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 14:00	277.6	261.5	N/A	271.8	N/A	2.0	1.8
10/04/2021 15:00	748.9	780.9	295.2	778.6	301.9	5.3	5.5
10/04/2021 16:00	722.0	720.6	721.0	722.5	726.4	5.1	5.1
10/04/2021 17:00	826.3	705.7	713.0	708.2	708.0	5.8	5.0
10/04/2021 18:00	768.7	765.1	771.3	765.7	767.0	5.4	5.4
10/04/2021 19:00	741.4	739.4	745.6	740.7	583.1	5.2	5.2
10/04/2021 20:00	515.2	494.0	547.5	501.0	N/A	3.6	3.5
10/04/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/04/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 16:00	730.0	286.0	289.5	N/A	N/A	5.1	2.0
10/05/2021 17:00	664.8	651.4	657.3	N/A	N/A	4.7	4.6
10/05/2021 18:00	765.8	762.9	768.5	N/A	N/A	5.4	5.4
10/05/2021 19:00	428.4	467.2	492.2	N/A	N/A	3.0	3.3
10/05/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/05/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/06/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 16:00	647.3	636.7	292.8	640.9	N/A	4.6	4.5
10/06/2021 17:00	714.7	714.5	713.8	717.4	488.0	5.0	5.0
10/06/2021 18:00	726.7	724.4	732.6	727.3	435.4	5.1	5.1
10/06/2021 19:00	456.8	160.8	451.4	163.7	N/A	3.2	1.1
10/06/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/06/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 16:00	282.3	N/A	N/A	N/A	N/A	2.0	N/A
10/07/2021 17:00	740.8	N/A	N/A	N/A	N/A	5.2	N/A
10/07/2021 18:00	663.9	N/A	N/A	N/A	N/A	4.7	N/A
10/07/2021 19:00	170.4	N/A	N/A	N/A	N/A	1.2	N/A
10/07/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/07/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/08/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/09/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 16:00	659.4	N/A	N/A	N/A	N/A	4.6	N/A
10/09/2021 17:00	835.8	N/A	N/A	N/A	N/A	5.9	N/A
10/09/2021 18:00	687.3	N/A	N/A	N/A	N/A	4.8	N/A
10/09/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/09/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 17:00	689.4	518.5	691.4	467.9	N/A	4.9	3.7
10/10/2021 18:00	439.7	698.2	448.8	520.3	N/A	3.1	4.9
10/10/2021 19:00	N/A	165.8	N/A	171.2	N/A	N/A	1.2
10/10/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/10/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/11/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/12/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 16:00	271.6	290.1	259.1	N/A	N/A	1.9	2.0
10/12/2021 17:00	748.0	747.1	754.5	N/A	N/A	5.3	5.3
10/12/2021 18:00	784.4	783.3	783.1	N/A	N/A	5.5	5.5
10/12/2021 19:00	587.1	568.2	175.9	N/A	N/A	4.1	4.0
10/12/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/12/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 04:00	753.7	721.9	743.1	737.3	735.8	5.3	5.1
10/13/2021 05:00	829.8	809.9	835.1	826.5	825.9	5.8	5.7
10/13/2021 06:00	811.6	660.9	728.5	676.8	677.3	5.7	4.7
10/13/2021 07:00	547.3	N/A	N/A	N/A	N/A	3.9	N/A
10/13/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 16:00	750.4	692.4	697.4	664.1	N/A	5.3	4.9
10/13/2021 17:00	827.7	822.8	830.4	822.1	757.5	5.8	5.8
10/13/2021 18:00	809.4	780.8	812.2	783.2	778.4	5.7	5.5
10/13/2021 19:00	837.7	725.0	839.7	669.4	671.0	5.9	5.1
10/13/2021 20:00	696.0	N/A	649.2	N/A	N/A	4.9	N/A
10/13/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/13/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 15:00	312.1	N/A	261.6	N/A	N/A	2.2	N/A
10/14/2021 16:00	812.2	285.7	816.8	296.8	295.8	5.7	2.0
10/14/2021 17:00	762.3	630.4	649.7	634.3	635.6	5.4	4.4
10/14/2021 18:00	804.0	774.8	779.0	773.9	773.8	5.7	5.5
10/14/2021 19:00	724.1	658.1	682.4	591.4	575.1	5.1	4.6
10/14/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/14/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/15/2021 15:00	N/A	268.8	N/A	N/A	N/A	N/A	1.9
10/15/2021 16:00	747.2	746.2	684.8	672.4	666.4	5.3	5.3
10/15/2021 17:00	828.1	822.4	831.3	823.7	825.2	5.8	5.8
10/15/2021 18:00	832.8	784.9	791.2	786.1	775.4	5.9	5.5
10/15/2021 19:00	838.5	783.6	840.4	582.2	173.1	5.9	5.5
10/15/2021 20:00	838.5	723.7	840.4	N/A	N/A	5.9	5.1
10/15/2021 21:00	658.6	N/A	475.3	N/A	N/A	4.6	N/A
10/15/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/15/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 15:00	283.2	266.0	304.6	310.8	308.4	2.0	1.9
10/16/2021 16:00	803.4	801.9	805.9	802.9	801.1	5.7	5.6
10/16/2021 17:00	823.3	632.6	639.4	635.9	635.5	5.8	4.5
10/16/2021 18:00	616.3	785.1	792.5	782.4	782.1	4.3	5.5
10/16/2021 19:00	583.2	581.4	569.6	171.8	176.9	4.1	4.1
10/16/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/16/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 15:00	290.4	269.9	272.0	280.8	278.0	2.0	1.9
10/17/2021 16:00	685.5	684.3	691.5	687.4	687.1	4.8	4.8
10/17/2021 17:00	678.5	678.6	687.1	683.0	682.2	4.8	4.8
10/17/2021 18:00	781.1	779.9	785.2	780.1	778.8	5.5	5.5
10/17/2021 19:00	706.0	705.0	711.3	706.5	706.0	5.0	5.0
10/17/2021 20:00	166.4	169.6	175.8	177.5	181.0	1.2	1.2
10/17/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/17/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/18/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 16:00	N/A	291.9	N/A	301.8	299.7	N/A	2.1
10/18/2021 17:00	293.1	653.3	283.3	661.7	664.1	2.1	4.6
10/18/2021 18:00	790.1	801.4	792.6	801.4	799.8	5.6	5.6
10/18/2021 19:00	412.8	181.0	422.1	179.0	182.3	2.9	1.3
10/18/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/18/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 04:00	739.1	649.3	667.6	N/A	N/A	5.2	4.6
10/19/2021 05:00	824.1	820.5	830.2	762.4	761.3	5.8	5.8
10/19/2021 06:00	698.8	682.2	705.4	695.6	679.1	4.9	4.8
10/19/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 16:00	729.0	N/A	N/A	N/A	N/A	5.1	N/A
10/19/2021 17:00	829.3	642.2	650.0	663.8	663.5	5.8	4.5
10/19/2021 18:00	723.9	824.8	832.7	823.2	826.0	5.1	5.8
10/19/2021 19:00	N/A	725.4	734.0	725.4	717.1	N/A	5.1
10/19/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/19/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 04:00	722.0	710.6	740.5	N/A	735.4	5.1	5.0
10/20/2021 05:00	830.0	826.4	835.6	738.3	827.3	5.8	5.8
10/20/2021 06:00	666.0	663.7	673.0	716.3	666.5	4.7	4.7
10/20/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 15:00	N/A	272.3	N/A	282.8	315.3	N/A	1.9
10/20/2021 16:00	768.7	811.2	746.5	810.6	809.4	5.4	5.7
10/20/2021 17:00	829.7	822.9	833.2	821.1	824.1	5.8	5.8
10/20/2021 18:00	827.4	822.6	829.9	807.6	823.3	5.8	5.8
10/20/2021 19:00	581.5	826.5	828.1	825.4	827.5	4.1	5.8
10/20/2021 20:00	N/A	828.9	836.4	828.0	721.1	N/A	5.8
10/20/2021 21:00	N/A	592.5	727.0	593.4	N/A	N/A	4.2
10/20/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/20/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 04:00	736.9	729.7	719.9	666.8	293.3	5.2	5.1
10/21/2021 05:00	828.5	818.0	833.3	819.1	817.5	5.8	5.8
10/21/2021 06:00	721.9	718.8	727.3	709.7	678.1	5.1	5.1
10/21/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/21/2021 15:00	645.7	291.2	669.5	301.7	297.6	4.5	2.1
10/21/2021 16:00	778.9	760.7	784.0	762.1	760.4	5.5	5.4
10/21/2021 17:00	825.7	818.8	828.7	816.7	819.2	5.8	5.8
10/21/2021 18:00	755.0	752.1	759.4	753.6	753.7	5.3	5.3
10/21/2021 19:00	834.7	823.8	725.0	672.0	674.1	5.9	5.8
10/21/2021 20:00	597.0	176.4	N/A	N/A	N/A	4.2	1.2
10/21/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/21/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 04:00	737.6	672.9	738.2	733.2	732.4	5.2	4.7
10/22/2021 05:00	829.6	819.3	834.3	825.9	825.2	5.8	5.8
10/22/2021 06:00	682.7	660.7	672.2	667.5	582.4	4.8	4.7
10/22/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 16:00	263.6	N/A	N/A	N/A	N/A	1.9	N/A
10/22/2021 17:00	650.4	N/A	N/A	N/A	N/A	4.6	N/A
10/22/2021 18:00	779.5	N/A	N/A	N/A	N/A	5.5	N/A
10/22/2021 19:00	172.2	N/A	N/A	N/A	N/A	1.2	N/A
10/22/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/22/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/23/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/24/2021 15:00	653.7	644.0	678.6	N/A	N/A	4.6	4.5
10/24/2021 16:00	836.3	832.9	841.0	769.3	771.4	5.9	5.9
10/24/2021 17:00	779.9	778.4	784.7	547.3	827.5	5.5	5.5
10/24/2021 18:00	830.6	814.8	818.2	N/A	830.5	5.8	5.7
10/24/2021 19:00	831.3	826.6	833.9	N/A	826.8	5.9	5.8
10/24/2021 20:00	836.2	831.9	839.0	N/A	831.7	5.9	5.9
10/24/2021 21:00	684.1	723.1	684.0	N/A	727.6	4.8	5.1
10/24/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/24/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/25/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 16:00	280.0	261.9	298.9	272.0	N/A	2.0	1.8
10/26/2021 17:00	704.6	700.8	707.9	707.4	N/A	5.0	4.9
10/26/2021 18:00	770.8	768.4	774.9	769.9	N/A	5.4	5.4
10/26/2021 19:00	164.4	166.9	174.4	176.4	N/A	1.2	1.2
10/26/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/26/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 04:00	727.2	693.3	728.1	676.2	N/A	5.1	4.9
10/27/2021 05:00	836.2	820.2	841.6	832.4	743.9	5.9	5.8
10/27/2021 06:00	674.0	663.4	679.9	669.9	668.4	4.7	4.7
10/27/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/27/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 16:00	711.8	N/A	709.8	654.4	666.1	5.0	N/A
10/27/2021 17:00	841.5	N/A	845.4	647.9	838.2	5.9	N/A
10/27/2021 18:00	831.8	N/A	834.7	N/A	828.4	5.9	N/A
10/27/2021 19:00	727.3	N/A	806.4	N/A	707.0	5.1	N/A
10/27/2021 20:00	N/A	N/A	178.8	N/A	N/A	N/A	N/A
10/27/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/27/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 15:00	N/A	289.3	294.3	301.7	299.2	N/A	2.0
10/28/2021 16:00	680.2	809.2	817.8	810.9	812.6	4.8	5.7
10/28/2021 17:00	842.5	834.9	843.4	832.2	834.5	5.9	5.9
10/28/2021 18:00	678.5	828.2	830.5	825.4	825.9	4.8	5.8
10/28/2021 19:00	N/A	788.3	793.7	787.8	787.9	N/A	5.5
10/28/2021 20:00	N/A	173.5	182.6	184.0	180.2	N/A	1.2
10/28/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/28/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 15:00	671.2	N/A	279.9	287.1	284.7	4.7	N/A
10/29/2021 16:00	793.6	705.8	784.0	785.5	786.6	5.6	5.0
10/29/2021 17:00	752.9	712.7	713.0	713.9	715.0	5.3	5.0
10/29/2021 18:00	836.8	827.9	824.9	824.1	826.0	5.9	5.8
10/29/2021 19:00	830.9	174.1	178.4	178.7	181.3	5.8	1.2
10/29/2021 20:00	197.3	N/A	N/A	N/A	N/A	1.4	N/A
10/29/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/29/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
10/30/2021 15:00	279.6	N/A	N/A	N/A	N/A	2.0	N/A
10/30/2021 16:00	794.3	N/A	N/A	N/A	N/A	5.6	N/A
10/30/2021 17:00	750.8	N/A	N/A	N/A	N/A	5.3	N/A
10/30/2021 18:00	817.3	N/A	N/A	N/A	N/A	5.8	N/A
10/30/2021 19:00	172.9	N/A	N/A	N/A	N/A	1.2	N/A
10/30/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/30/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 17:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 18:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/31/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 05:00	511.1	N/A	N/A	N/A	N/A	0.3	N/A
11/01/2021 06:00	666.0	N/A	N/A	N/A	N/A	0.4	N/A
11/01/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 15:00	592.3	297.9	N/A	N/A	N/A	4.2	2.1
11/01/2021 16:00	638.1	638.9	686.7	708.7	688.3	4.5	4.5
11/01/2021 17:00	834.0	747.9	829.0	827.4	829.4	5.9	5.3
11/01/2021 18:00	558.7	777.6	577.1	765.6	540.8	3.9	5.5
11/01/2021 19:00	N/A	854.3	N/A	173.0	N/A	N/A	6.0
11/01/2021 20:00	N/A	178.1	N/A	N/A	N/A	N/A	1.3
11/01/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/01/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 05:00	773.0	742.3	768.8	744.6	744.9	5.4	5.2
11/02/2021 06:00	834.9	811.2	832.8	830.7	831.2	5.9	5.7
11/02/2021 07:00	684.8	675.0	685.2	669.6	670.7	4.8	4.8
11/02/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/02/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/02/2021 15:00	663.3	292.8	N/A	304.0	N/A	4.7	2.1
11/02/2021 16:00	836.2	775.2	743.1	776.0	706.7	5.9	5.5
11/02/2021 17:00	836.0	787.4	831.3	786.2	827.8	5.9	5.5
11/02/2021 18:00	838.8	830.1	834.8	829.3	828.4	5.9	5.8
11/02/2021 19:00	838.0	833.5	754.9	829.5	831.9	5.9	5.9
11/02/2021 20:00	841.7	836.8	121.0	833.5	835.0	5.9	5.9
11/02/2021 21:00	836.9	829.4	N/A	829.8	830.1	5.9	5.8
11/02/2021 22:00	691.9	687.7	N/A	587.3	589.3	4.9	4.8
11/02/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 03:00	331.0	N/A	N/A	N/A	N/A	2.3	N/A
11/03/2021 04:00	799.5	724.6	N/A	724.0	745.7	5.6	5.1
11/03/2021 05:00	837.0	834.2	N/A	833.1	833.6	5.9	5.9
11/03/2021 06:00	802.1	801.5	N/A	820.1	819.3	5.6	5.6
11/03/2021 07:00	565.1	672.7	N/A	677.2	662.4	4.0	4.7
11/03/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 15:00	639.1	275.3	N/A	285.9	658.7	4.5	1.9
11/03/2021 16:00	702.7	759.4	N/A	790.5	714.1	4.9	5.3
11/03/2021 17:00	831.0	695.8	N/A	697.9	698.6	5.9	4.9
11/03/2021 18:00	834.4	738.8	N/A	714.3	715.3	5.9	5.2
11/03/2021 19:00	693.0	686.7	N/A	N/A	N/A	4.9	4.8
11/03/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/03/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 04:00	646.3	702.5	N/A	N/A	N/A	4.5	4.9
11/04/2021 05:00	821.3	813.3	N/A	742.8	741.6	5.8	5.7
11/04/2021 06:00	782.0	699.7	N/A	713.0	706.0	5.5	4.9
11/04/2021 07:00	181.6	N/A	N/A	N/A	N/A	1.3	N/A
11/04/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 15:00	643.6	665.0	N/A	670.2	290.3	4.5	4.7
11/04/2021 16:00	747.4	747.7	N/A	750.1	733.1	5.3	5.3
11/04/2021 17:00	764.6	760.9	N/A	762.8	760.7	5.4	5.4
11/04/2021 18:00	464.4	179.3	N/A	176.7	179.4	3.3	1.3
11/04/2021 19:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/04/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/05/2021 15:00	659.5	664.3	N/A	662.9	662.2	4.6	4.7
11/05/2021 16:00	717.2	755.2	N/A	753.2	715.9	5.0	5.3
11/05/2021 17:00	782.9	775.3	N/A	780.4	777.6	5.5	5.5
11/05/2021 18:00	816.5	805.2	N/A	805.5	802.3	5.7	5.7
11/05/2021 19:00	779.0	166.5	N/A	171.7	174.0	5.5	1.2
11/05/2021 20:00	186.4	N/A	N/A	N/A	N/A	1.3	N/A
11/05/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/05/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 15:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 16:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 17:00	296.3	N/A	501.7	N/A	N/A	2.1	N/A
11/06/2021 18:00	507.0	N/A	426.6	N/A	N/A	3.6	N/A
11/06/2021 19:00	545.5	N/A	N/A	N/A	N/A	3.8	N/A
11/06/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/06/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 15:00	685.9	684.9	681.7	674.7	655.0	4.8	4.8
11/07/2021 16:00	697.0	693.8	695.8	695.1	694.2	4.9	4.9
11/07/2021 17:00	716.4	696.2	697.8	726.1	699.7	5.0	4.9
11/07/2021 18:00	626.7	630.8	609.4	519.9	491.4	4.4	4.4
11/07/2021 19:00	803.2	669.5	766.1	N/A	N/A	5.7	4.7
11/07/2021 20:00	545.0	N/A	168.4	N/A	N/A	3.8	N/A
11/07/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/07/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 05:00	237.1	729.7	734.0	N/A	N/A	1.7	5.1
11/08/2021 06:00	679.5	711.9	714.1	N/A	N/A	4.8	5.0
11/08/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Period Start:	Average GasFlow1 kscfh	Average GasFlow2 kscfh	Average GasFlow3 kscfh	Average GasFlow4 kscfh	Average GasFlow5 kscfh	Unit 1 SOx lbs/hr	Unit 2 SOx lbs/hr
11/08/2021 15:00	282.7	262.4	263.6	306.9	N/A	2.0	1.8
11/08/2021 16:00	728.8	723.1	723.0	728.7	281.2	5.1	5.1
11/08/2021 17:00	818.7	809.6	799.6	808.8	798.1	5.8	5.7
11/08/2021 18:00	788.0	783.9	785.4	784.9	783.0	5.5	5.5
11/08/2021 19:00	817.9	813.5	813.1	582.1	562.9	5.8	5.7
11/08/2021 20:00	180.1	183.0	182.6	N/A	N/A	1.3	1.3
11/08/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/08/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 00:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 01:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 02:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 03:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 04:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 05:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 06:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 07:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 08:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 09:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 10:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 12:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 13:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 14:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 15:00	303.2	286.4	N/A	N/A	N/A	2.1	2.0
11/09/2021 16:00	656.1	653.1	279.5	285.8	659.9	4.6	4.6
11/09/2021 17:00	719.4	662.8	653.0	655.6	678.0	5.1	4.7
11/09/2021 18:00	819.1	816.9	815.3	815.2	807.0	5.8	5.8
11/09/2021 19:00	707.6	638.9	627.4	539.0	180.6	5.0	4.5
11/09/2021 20:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 21:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 22:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/09/2021 23:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Final Average*</b>	<b>655.9</b>	<b>627.6</b>	<b>631.1</b>	<b>618.2</b>	<b>622.0</b>		
<b>Maximum*</b>	<b>850.8</b>	<b>854.3</b>	<b>845.4</b>	<b>833.5</b>	<b>838.2</b>		
	10/02/2021	11/01/2021	10/27/2021	11/02/2021	10/27/2021		
	19:00	19:00	17:00	20:00	17:00		
<b>Minimum*</b>	<b>163.7</b>	<b>160.8</b>	<b>121.0</b>	<b>163.7</b>	<b>161.4</b>		
	09/24/2021	10/06/2021	11/02/2021	10/06/2021	10/01/2021		
	19:00	19:00	20:00	19:00	19:00		

\* Does not include Invalid Averaging Periods ("N/A")



**From:** [Piantka, George](#)  
**To:** [Bradley, Joanne](#); [Dawn Anaiscourt](#); [Ulmer, Andrew](#)  
**Cc:** [Kennedy, Joe T](#); [Kostrzewa, Larry](#); [Tule, Marco](#)  
**Subject:** [EXTERNAL] RE: CAISO/DOE Data Request - Walnut Creek Energy Park  
**Date:** Wednesday, November 24, 2021 12:27:13 AM  
**Attachments:** [image001.png](#)  
[image002.jpg](#)  
[Walnut Creek Permit Limits Compliance Demonstration Sept 10-Nov 9 2021 11232021.xlsx](#)  
[WCEP Sept 10-Nov 9 2021 NOx LBS Hourly All 2021123.xls](#)  
[WCEP CO Lbs Hr Ave CO Corr Hr Avg Unit 1-5 2021122.xls](#)  
[WCEP SOx VOC PM10 PM2.5 Lb per Hour Sept 10-Nov 9 2021 20211123.xls](#)

---

Hi Joanne,

Walnut Creek Energy LLC (Walnut Creek) submits the following response to the November 3, 2021 CAISO/DOE data request. As previously communicated on November 9, Walnut Creek did not receive dispatch orders to operate above its permit limits during the Department of Energy (DOE) Order 202-21-2 that was issued in accordance with the Federal Power Act Section 202(c) for the period of September 10, 2021 to November 9, 2021. Below and attached is Walnut Creek's complete response to the data request.

**Request:**

- (1) The hours of operation, as well as the hours in which any permit limit was exceeded; and
- (2) A description of each permit term that was exceeded and the manner in which such exceedance occurred. If none, please so state.

**Response:**

1. There were 0 hours in which CAISO directed Walnut Creek's Units 1-5 to exceed normal operating conditions or permit limits pursuant to the DOE Order, and no permit limit exceedances occurred during the period of DOE Order 202-21-2 (September 10-November 9, 2021),,
2. None. Permit limits and plant characteristics are summarized on the Attached Table 1.

**Request:**

(3) Please also include the following information in an Excel spreadsheet for each date from September 10, 2021 up to and including November 9, 2021 for each Covered Resource unit:

- Actual emissions data in pounds per hour for each Covered Resource unit, for each hour of operations, for CO, NOx, PM2.5, PM10, volatile organic compounds (VOC), and SO2;

Response: Please refer to the attached NOx, CO, SOx, VOC, PM10 and PM2.5 data reports.

- For each category of emissions, please provide permitted operating/emission limits.

Response: Please refer to Table 1, which includes permit limits and plant characteristics

- For each category of emissions, any actual incremental emissions above the permit limits, (if units are not equipped with continuous emission monitoring systems, please calculate actual emissions using source test data);

Response: as summarized in Table 1, there were no incremental emissions above permit limits.

- Stack parameters for each Covered Resource unit: stack height, exit diameter, exit gas temperature, and exit velocity (or volumetric flow rate). Temperature and velocity should reflect values applicable to operations above permit limits;

Response: Stack height and diameter are summarized in Table 1. Walnut Creek Units 1-5 did not operate above permit limits. Temperature and velocity values are not applicable.

- The hours that each Covered Resource unit operated in excess of permit limits or operated without otherwise-required permits.

Response: 0 hours that Walnut Creek Units 1-5 (i.e., Covered Resource) operated in excess of permit limits or operated without otherwise-required permits.

Please contact Joe Kennedy or myself if you have questions regarding the attached data responses.

Best Regards



**George L. Piantka, PE**  
Senior Director  
Regulatory Environmental Services  
4600 Carlsbad Boulevard  
Carlsbad, CA 92008  
760-930-1505  
760-707-6833 (mobile)  
[George.Piantka@nrg.com](mailto:George.Piantka@nrg.com)

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---

**From:** Piantka, George

**Sent:** Tuesday, November 9, 2021 2:33 PM

**To:** 'jbradley@caiso.com' ; 'Dawn.Anaiscourt@sce.com' ; 'aulmer@caiso.com'

**Cc:** Kennedy, Joe T ; Kostrzewa, Larry ; Tule, Marco

**Subject:** RE: CAISO/DOE Data Request - Walnut Creek Energy Park

Hi Joanne,

I am following up to your information requests on behalf of Walnut Creek Energy LLC (Walnut Creek) and in support of Joe Kennedy and Larry Kostrzewa. Walnut Creek will be responsive to the request by November 23, 2021, as requested. Walnut Creek did not receive dispatch order to operate above its permit limits during the Department of Energy (DOE) Order that was issued in accordance with the Federal Power Act Section 202(c) for the period of September 10, 2021 to November 9, 2021. We are seeking confirmation whether a more streamlined response could be provided by November 23, simply to address the first two questions below:

- (1) The hours of operation, as well as the hours in which any permit limit was exceeded; and
- (2) A description of each permit term that was exceeded and the manner in which such exceedance occurred. If none, please so state.

Our response would be:

1. There were 0 hours in which CAISO directed any of Walnut Creek's Units 1-5 to exceed normal operating conditions or permit limits pursuant to the DOE Order, and no permit limit exceedances occurred during the DOE Order period (presuming no changes occur with the plant operations through the end of day, November 9).
2. Not Applicable.

Please note that while the spreadsheets can be generated to provide operating data for Walnut Creek's normal operations within the existing permit limits that had occurred from September 10 – November 9, 2021, Walnut Creek is seeking clarification whether this reporting remains necessary given the normal/compliant operating status during the DOE Order.

Best Regards

**George L. Piantka, PE**  
Senior Director  
Regulatory Environmental Services  
4600 Carlsbad Boulevard

NRG Energy

Carlsbad, CA 92008  
760-930-1505  
760-707-6833 (mobile)  
[George.Piantka@nrg.com](mailto:George.Piantka@nrg.com)

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**From:** Bradley, Joanne <[jbradley@caiso.com](mailto:jbradley@caiso.com)>  
**Sent:** Wednesday, November 3, 2021 11:44 AM  
**To:** Kennedy, Joe T <[J.Kennedy@nrg.com](mailto:J.Kennedy@nrg.com)>  
**Cc:** Kostrzewa, Larry <[Larry.Kostrzewa@nrg.com](mailto:Larry.Kostrzewa@nrg.com)>; Dawn Anaiscourt <[Dawn.Anaiscourt@sce.com](mailto:Dawn.Anaiscourt@sce.com)>; Ulmer, Andrew <[aulmer@caiso.com](mailto:aulmer@caiso.com)>  
**Subject:** CAISO/DOE Data Request - Walnut Creek Energy Park  
**Importance:** High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. Kennedy:

The U.S. Department of Energy has directed the CAISO to report specific information in connection with DOE's [September 10, 2021 emergency order](#) under Federal Power Act Section 202(c), which applied to the units at the Walnut Creek Energy Park (hereinafter the Covered Resource). The CAISO is working to submit a report with responsive information no later than December 1, 2021. We are coordinating this reporting effort with the California Energy Commission and California Air Resource Board. We request that you provide the following information no later than November 23, 2021.

For each date from September 10, 2021 up to and including November 9, 2021, on which the Covered Resource operated, please provide for each Covered Resource unit,

- (1) The hours of operation, as well as the hours in which any permit limit was exceeded; and
- (2) A description of each permit term that was exceeded and the manner in which such exceedance occurred. If none, please so state.

Please also include the following information in an Excel spreadsheet for each date from September 10, 2021 up to and including November 9, 2021 for each Covered Resource unit:

- Actual emissions data in pounds per hour for each Covered Resource unit, for each hour of operations, for CO, NOx, PM2.5, PM10, volatile organic compounds (VOC), and SO2;
- For each category of emissions, please provide permitted operating/emission limits.
- For each category of emissions, any actual incremental emissions above the permit limits, (if units are not equipped with continuous emission monitoring systems, please calculate actual emissions using source test data);
- Stack parameters for each Covered Resource unit: stack height, exit diameter, exit gas temperature, and exit velocity (or volumetric flow rate). Temperature and velocity

should reflect values applicable to operations above permit limits;

- The hours that each Covered Resource unit operated in excess of permit limits or operated without otherwise-required permits.

Please let me know if you have any immediate questions. I will follow-up on November 9 to ensure you do not have any outstanding questions and again on November 16 to ensure you can provide the requested data on or before November 23.

Thank you in advance for your attention and response to this request.

**Joanne Bradley (JB)**

Account Manager

Customer Service



[jbradley@caiso.com](mailto:jbradley@caiso.com)

916-847-9386

250 Outcropping Way, Folsom, CA 95630

\*\*\*\*\*

\*\*\*\*\*

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\*\*\*\*\*

\*\*\*\*\*

# Calpine Greenleaf Holdings, Inc.

717 Texas Avenue  
Suite 1000  
Houston, Texas 77002

November 23, 2021

**SENT VIA E-MAIL: [jbradley@caiso.com](mailto:jbradley@caiso.com)**

Joanne Bradley (JB)  
Account Manager, Customer Service  
CAISO  
250 Outcropping Way  
Folsom, CA 95630

Re: Greenleaf 1 Emergency Repowering Project – Operations Data

Dear Joanne:

We write in response to your request for data regarding the operations of the Greenleaf 1 project, located at the Calpine Greenleaf Holdings, Inc. property in Yuba City, California. Attached please find Excel spreadsheets showing operating and emissions data for both Greenleaf 1 units, as well as a copy of the source test report. In addition, please note the following with respect to the data provided:

1. The Greenleaf 1 units were operated in September and for a limited number of hours in early October. There were no operations in November.
2. All operations during these times were for purposes of commissioning. As there are no emissions limits that apply during commissioning, the Greenleaf 1 project did not exceed any permit limits. Accordingly, the following data requests are not applicable and are not addressed in the attached spreadsheets:
  - a. For each category of emissions, please provide permitted operating/emission limits.
  - b. For each category of emissions, any actual incremental emissions above the permit limits, (if units are not equipped with continuous emission monitoring systems, please calculate actual emissions using source test data);
  - c. The hours that each Covered Resource unit operated in excess of permit limits or operated without otherwise-required permits.
3. The NO<sub>x</sub>, CO, VOC, and SO<sub>x</sub> emissions data in the attached spreadsheets were developed using emission factors derived from source tests. The PM<sub>10</sub> emissions are based on an emission factor of 4 lbs/hr and the turbine design heat input of 366.1 MMBtu/hr.
4. The fuel flow to each unit was apportioned from the total fuel flow to the facility based on the relative megawatts produced by each unit.
5. The water injection data was estimated based on design flow and unit operating time.

Should you have any questions about the data provided, please do not hesitate to contact me.

Sincerely,

DS  
JG

DocuSigned by:  
  
5E549D8EAC8C4C3...  
Andrew Gundershaug  
Plant Manager

c: Barbara McBride  
Betty Chu

**SOURCE TEST REPORT  
2021 INITIAL COMPLIANCE TEST  
GE GAS POWER SYSTEMS  
CALPINE GREEN LEAF 1  
YUBA CITY, CALIFORNIA**

**TWO (2) - TM2500 AERODERIVATIVE GAS  
TURBINE STACKS**

Prepared For:

**GE GAS POWER SYSTEMS**  
1 River Road, bldg. 40-304  
Schenectady, NY 12345

For Submittal To:

**Calpine Green Leaf**  
5087 S Township Road  
Yuba City, CA 95993

Prepared By:

**Montrose Air Quality Services, LLC**  
1351 Brummel Avenue  
Elk Grove Village, IL 60007

Document Number: **414AS-011221-RT-18**  
Test Date: **September 20<sup>th</sup> and 21<sup>st</sup>, 2021**  
Submittal Date: **November 4<sup>th</sup>, 2021**



## REVIEW AND CERTIFICATION

I certify, to the best of my knowledge, that this test was performed in a manner conforming to the criteria set forth in ASTM D7036-04: Standard Practice for Competence of Air Emission Testing Bodies, and that project management and supervision of all project related activities were performed by qualified individuals as defined by this practice.

Both qualitative and quantitative factors contribute to field measurement uncertainty and should be taken into consideration when interpreting the results contained within this report. Whenever possible, MAQS personnel reduce the impact of these uncertainty factors through the use of approved and validated test methods. In addition, MAQS personnel perform routine instrument and equipment calibrations, and ensure that the calibration standards, instruments and equipment used during test event meet, at a minimum, test method specifications as well as the specifications of our Quality Manual and ASTM D7036-04. The limitations of the various methods, instruments, equipment and materials utilized during this test have been reasonably considered, but the ultimate impact of the cumulative uncertainty of this project is not fully identified within the results of this report.

I further certify that this report and all attachments were prepared under my direction or supervision in accordance with MAQS quality management system designed to ensure that qualified personnel gathered and evaluated the test information submitted. Based on my inquiry of the person or persons who performed the sampling and analysis relating to this performance test, the information in this report is, to the best of my knowledge and belief, true, accurate and complete.

Name: Justin Merryman, QI

Title: Vice President - Technical

Sign: 

Date: 11/04/2021

Name: John Hamner, QI

Title: Account Manager

Sign: 

Date: 11/04/2021



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## 1.0 INTRODUCTION

### 1.1 PROGRAM OBJECTIVES

GE Gas Power Systems (GE) contracted Montrose Air Quality Services, LLC (Montrose) to perform a compliance emissions test program on Two (2) Aeroderivative Gas Turbine Stack (TM 2500) Units at the Calpine Green Leaf 1 plant located in Yuba City, California. The tests were conducted to determine compliance with Permit Number 13005L.

The testing was conducted by Mr. Thomas Cassin and Mr. Zach Le Fever of Montrose on September 20<sup>th</sup> and 21<sup>st</sup>, 2021. Mr. Ziad Admin of GE coordinated the testing program. The tests were conducted according to a test plan dated September 13<sup>th</sup>, 2021. Montrose performed the tests to measure the following emission parameters:

- Emission Compliance:
  - CO (ppmvd, ppmvd @ 15% O<sub>2</sub>, lb/MMBtu, lb/hr)
  - NO<sub>x</sub> (ppmvd, ppmvd @ 15% O<sub>2</sub>, lb/MMBtu, lb/hr)
  - VOC (ppmvd, ppmvd @ 15% O<sub>2</sub>, lb/MMBtu, lb/hr)
  - SO<sub>2</sub> (ppmvd, ppmvd @ 15% O<sub>2</sub>, lb/MMBtu, lb/hr)
    - O<sub>2</sub> and CO<sub>2</sub> (% volume dry) – for molecular weight & dilution calculations
    - Stack volumetric flow rate (dscfm per Method 19) and moisture content (% by volume)
    - Fuel analysis (“F<sub>d</sub>” factor, HHV, sulfur content)

This report presents the test results and supporting data, descriptions of the testing procedures, descriptions of the facility and sampling locations, and a summary of the quality assurance procedures used by Montrose. The average emission test results are summarized and compared to their respective permit limits and performance specifications in Table 1-1. Detailed results for individual test runs can be found in Section 5.0. All supporting data can be found in the appendices.

Both qualitative and quantitative factors contribute to field measurement uncertainty and should be taken into consideration when interpreting the results contained within this report. Whenever possible, Montrose personnel reduce the impact of these uncertainty factors by using approved and validated test methods. In addition, Montrose personnel perform routine instrument and equipment calibrations and ensure that the calibration standards, instruments, and equipment used during test events meet, at a minimum, test method specifications as well as the specifications of our Quality Manual and ASTM D 7036-04. The limitations of the various methods, instruments, equipment, and materials utilized during this test have been reasonably considered, but the ultimate impact of the cumulative uncertainty of this project is not fully identified within the results of this report.

## 1.2 PROJECT CONTACTS

A list of project participants is included below:

### Facility Information

Source Location: Calpine Green Leaf 1  
5087 S. Township Rd  
Yuba City, CA 95993

Project Contact: Chuck Houseknecht  
Role: Environmental Manager  
Company: GE Gas Power Systems  
Telephone: +1 518 265 9635  
Email: charles.houseknecht@ge.com

### Testing Company Information

Testing Firm: Montrose Air Quality Services, LLC (Montrose)  
Contact: John Hamner  
Title: Client Project Manager  
Telephone: (630) 715-3259  
Email: jhamner@montrose-env.com

### Laboratory Information

Laboratory: ACA  
City, State: Venture, CA

## 2.0 SOURCE LOCATION INFORMATION

### 2.1 FACILITY DESCRIPTION

The project includes two (2) smaller aeroderivative combustion turbines that will operate during both the turbine interim and final operating modes. The aeroderivative turbine will be rated at approximately 30 megawatts (MW), operating in simple cycle mode. The aeroderivative combustion turbine will be used during black start events, as well as to provide supplemental power when needed.

### 2.2 SAMPLING LOCATIONS

Information regarding the sampling location is presented below:

Sample location ID: TM2500 Exhaust Stacks (Unit 1 and Unit 2)  
Configuration: Rectangular, Vertical  
Dimensions: 7 feet and 1 inches width, 11 feet and 6 inches depth  
Port access: Manlift

Traverse point information is presented below:

- Gaseous emission tests – Thirty (30) point stratification test and sampling point selection per EPA Method 7E

### 3.0 TEST DESCRIPTION

#### 3.1 PROGRAM OBJECTIVES

The objective of this test program was to determine compliance with the source testing conditions of the facility's Permit Number 13005L. The testing was performed on the TM2500 Unit 1 and Unit 2 at the Exhaust Stacks. The permit limits and results are presented in Table 3-1.

**TABLE 3-1  
EMISSION LIMITS**

Parameter	Permit Limit	Result – Unit 1	Result – Unit 2
<b>Condition</b>			
<b>Unit Data:</b>			
Fuel Heat Input (MMBtu/hr)	366.1	313	322.9
Fuel to Water Ratio	--	1.371	1.325
Fuel Flow lb/sec	--	3.71	3.88
Water Injection lb/sec	--	5.09	5.15
MW	--	30.11	32.19
Fuel Analysis HHV Btu/scf	--	1047.50	1008.28
Fuel Analysis LHV Btu/scf	--	944.83	908.63
<b>CO Emissions:</b>			
ppmvd	--	16.60	11.23
lb/MMBtu	--	0.043	0.029
ppmvd @ 15% O <sub>2</sub>	4.0	19.65	12.94
lb/hr	2.64	13.68	9.25
<b>NO<sub>x</sub> Emissions:</b>			
ppmvd	--	19.08	18.60
lb/MMBtu	--	0.082	0.078
ppmvd @ 15% O <sub>2</sub>	2.5	25.49	21.47
lb/hr as NO <sub>2</sub>	2.71	22.39	25.22
<b>THC Emissions as C<sub>3</sub>H<sub>8</sub>:</b>			
ppmvd	--	1.11	0.83
lb/MMBtu	--	0.005	0.003
ppmvd @ 15% O <sub>2</sub>	--	1.33	0.94
lb/hr	2.3	1.15	0.83
<b>SO<sub>2</sub> Emissions:</b>			
lb/MMBtu	--	0.000087	0.000202
ppmvd	--	0.015	0.035
ppmvd @ 15% O <sub>2</sub>	--	0.017	0.040
lb/hr	0.20	0.027	0.064
<b>O<sub>2</sub> Emissions:</b>			
%	--	15.88	15.78

\*THC Emissions as CH<sub>4</sub> were reported in the final results because the NMHC VOC lb/MMBtu numbers were negative.

### 3.2 TEST CONDITIONS

Emission tests were performed while the source units, and applicable abatement units, were operating at the condition. Tests were performed the following condition:

- Base Load Condition

Plant personnel established the test conditions and collected all applicable unit-operating data. Montrose monitored the collection of process data.

### 3.3 TEST PROGRAM SCHEDULE

The test program schedule is presented in Table 3-2.

**TABLE 3-2  
TEST MATRIX AND SCHEDULE**

Date	Source ID/ Activity	Sample Runs	Sample Duration
September 20, 2021	<b>Unit 1, Stack</b>		
	NO <sub>x</sub> , O <sub>2</sub> , CO <sub>2</sub> , CO	3	60 to 180 Minutes
	VOCs	3	60 to 180 Minutes
	SO <sub>2</sub>	1	Grab Sample
September 21, 2021	<b>Unit 2, Stack</b>		
	NO <sub>x</sub> , O <sub>2</sub> , CO <sub>2</sub> , CO	3	60 to 180 Minutes
	VOCs	3	60 to 180 Minutes
	SO <sub>2</sub>	1	Grab Sample

### 3.4 MONTROSE TEST PROCEDURES

The test procedures used for this test program are summarized in Table 3-3 below. Additional information regarding specific applications or modifications to standard procedures is presented in the following sub-sections.

**TABLE 3-3  
TEST PROCEDURES**

Parameter	Measurement Principle	Reference Method
Volumetric flow rate	Stoichiometric calculation	EPA 19
NO <sub>x</sub>	Chemiluminescence	EPA 7E
O <sub>2</sub>	Paramagnetism	EPA 3A
CO <sub>2</sub>	Non-dispersive infrared	EPA 3A

CO	Gas filter correlation NDIR	EPA 10
SO <sub>2</sub>	Fuel Gas Sample	ASTM D3246
VOC	FID, Tedlar bag / GC	EPA 25/A18
Moisture	Impinger weight gain	EPA 4

---

### 3.4.1 Gaseous Emissions

Concentrations of the gaseous constituents of stack gas (O<sub>2</sub>, CO<sub>2</sub>, NO<sub>x</sub> and CO) were measured using Montrose's dry extractive reference method (RM) monitor system in accordance with EPA Method 3A, 7E and 10. This system meets the requirements of EPA methods for gaseous species. Pertinent information regarding the performance of the method is presented below:

- Method Deviations: None
  - Method Options: N/A
  - Detection Limits: <2% of Span

Sampling traverse points for gaseous emissions were determined in accordance with EPA Method 7E. Stratification test was failing after two ports and the test was aborted. The three compliance test were completed performing a full traverse during each test, and five (5) ports and six (6) points were used for each compliance test.

### 3.4.2 Volatile Organic Compounds

Concentrations of volatile organic compounds (VOCs) were measured by flame ionization detection (FID) and gas chromatographic (GC) analysis of sample gas collected per EPA Method 18 and 25A. Pertinent information regarding the performance of the method is presented below:

Method Deviations: THC Emissions as CH<sub>4</sub> were reported in the final results because the NMHC VOC lb/MMBtu numbers were negative.

- Sampling Media: Direct measurement for M25A, M18 Methane/Ethane samples collected using integrated Tedlar bag sampling
- Target Analytes: Total non-methane, non-ethane hydrocarbons
- Method 4 results were used to correct VOC concentrations to dry basis.
- Analytical Laboratory: ACC Laboratory – M18

### 3.4.7 Fuel Analysis

Sample gas from the facility's natural gas fuel supply pipeline was collected and submitted for analysis. Pertinent information regarding the fuel analysis is presented below:

- Analytical Method: ASTM D-1945/ASTM D-3246/ASTM-3588
  - Sample Containers: Teflon-coated pressurized fuel bombs

- Analytical Laboratory: Texas Oil Tech Laboratories, Inc., Houston

### **3.4.10 Process Data**

The plant's unit operating data was used to document process conditions during the test runs. Unit operating data was provided by GE personnel. Data presented in this report includes the following:

- Fuel flow rates
- Power output

## **4.0 QUALITY ASSURANCE AND REPORTING**

### **4.1 SAMPLING AND ANALYTICAL QA/QC**

Montrose has instituted a rigorous QA/QC program for all of its air pollution testing. Quality assurance audits are performed as part of the test program to ensure that the final results are calculated from the highest quality data. The program ensures that the emission data reported are as accurate as possible. The procedures included in the cited reference methods were followed for all steps of preparation, sampling, calibration, and analysis. Montrose was responsible for preparation, calibration and cleaning of the sampling apparatus. Montrose also conducted the sampling and sample recovery, storage, and shipping.

Contract laboratories conducted some of the preparation and sample analyses as needed. The laboratories that were used are established leaders in development and performance of the reference methods for which they have been selected. Their credentials for adherence to the required quality assurance procedures are well known.

### **4.2 QUALITY CONTROL PROCEDURES**

Our Quality Assurance Program Summary, located in Appendix A, provides our equipment maintenance and calibration schedule, quality control acceptance limits, and any corrective action that may be needed. For additional quality control, Montrose followed the procedures outlined below and in the method write-ups in Section 3.4.

#### **4.2.1 Equipment Inspection and Maintenance**

- Each critical piece of field equipment was assigned a unique identification number to allow tracking of its calibration history
  - All field equipment was visually inspected prior to testing and included pre-test calibration checks
  - Glassware was visually inspected prior to testing

#### **4.2.2 Equipment Calibrations**

Our equipment maintenance and calibration schedule is located in Appendix A.



### 4.3 DATA ANALYSIS, VALIDATION, AND UNCERTAINTY

The raw data collected during the sampling and analysis procedures were used to calculate the results of the testing program. The analysis or reduction of the data to the final results followed these steps, where appropriate to the test method:

- Check field-sampling data for accuracy and calculate appropriate data averages (e.g., temperatures, pressures, volumes, etc.).
  - Double check calculation of the data averages.
  - Review all in-house and contract laboratory reports and ensure that appropriate and/or required QA/QC steps were followed.
  - Enter field and laboratory data to established and verified computer spreadsheets for calculation of volumetric flow rates, mass emission rates or other appropriate results.
  - Double-check all lab and field data inputs.
  - Perform example calculations by hand using raw data on a single test run for each type of emission result reported.
  - Compile summary tables of results and review all table inputs.

This report includes copies of spreadsheet printouts (data input and results output) and example calculation checks. The field data sheets with average data calculations are also included. Standard conditions used for data reduction are 29.92 inches of mercury and 68 °F. All values found to be below the detection limit of the analytical method are reported as “less than” (“<”) either the full detection limit value, one-half of the detection limit, or zero based on the applicable method.

## 5.0 DISCUSSION OF RESULTS

### 5.1 DETAILED DISCUSSION OF RESULTS

The average results are compared to the permit limits and performance specifications in Tables 1-1. The results of individual compliance test runs performed on Unit 1 and Unit 2 are presented in Tables 5-1 through 5-6.

Additional information is included in the appendices. Appendix A presents the quality assurance information, including instrument calibration data. Raw field data sheets are included in Appendix B. Appendix C presents the general and specific equations used for the emissions calculations and computer spreadsheets. Laboratory reports and chain of custody sheets for the samples are located in Appendix D.

### 5.2 PROBLEMS/DEVIATIONS/EXCEPTIONS

There no problems encountered during the testing.

**TABLE 5-1  
RESULTS SUMMARY GASEOUS EMISSIONS  
CALPINE GREEN LEAF 1  
TM2500 (Unit 1)**

Reference Method Test Run Data									
Client:	GE Power				Test Start Date:	Monday, September 20, 2021			
Facility:	Green Leaf 1				Operator:	Tom Cassin			
Source:	TM 2500 GT 1				F Factor Information				
Test Location:	Stack				F <sub>1</sub>	-			
Condition/Load:	Base				F <sub>2</sub>	8615.6			
Project Number:	PRCJ-011221				Reference Method Measurement Basis:	Dry - Extractive			
					CEMS Analyzer Measurement Basis:	-			
Uncorrected Reference Method Analyzer Results									
Run Number	Test Date	Start Minute	End Minute	CO (ppmvd)	NO <sub>x</sub> (ppmvd)	SO <sub>2</sub> (ppmvd)	O <sub>2</sub> (% v/v Dry)	CO <sub>2</sub> (% v/v Dry)	
1	09/20/21	10:26	11:58	13.82	18.63	-	15.77	3.05	
2	09/20/21	12:19	13:47	8.77	20.91	-	15.79	3.04	
3	09/20/21	14:05	15:31	27.15	17.52	-	15.94	2.90	
Calibration Corrected Reference Method Analyzer Results									
Moisture Basis: As Measured									
Run Number	Test Date	Start Minute	End Minute	CO (ppmvd)	NO <sub>x</sub> (ppmvd)	SO <sub>2</sub> (ppmvd)	O <sub>2</sub> (% v/v Dry)	CO <sub>2</sub> (% v/v Dry)	
1	09/20/21	10:26	11:58	13.76	18.74	-	15.79	3.07	
2	09/20/21	12:19	13:47	8.93	21.03	-	15.84	3.07	
3	09/20/21	14:05	15:31	27.12	17.48	-	16.00	2.92	
Reference Method Emission Rate Summary - lb/MMBtu									
Run Number	Test Date	CO lb/MMBtu	NO <sub>x</sub> lb/MMBtu	SO <sub>2</sub> lb/MMBtu	F <sub>1</sub> Factor	F <sub>2</sub> Factor			
1	09/20/21	0.035	0.0788	-	-	8615.6			
2	09/20/21	0.023	0.0893	-	-	8615.6			
3	09/20/21	0.072	0.077	-	-	8615.6			
Reference Method Emission Rate Summary - lb/hr Using Heat Input and lb/MMBtu Emissions Factor									
Run Number	Test Date	CO lb/hr	NO <sub>x</sub> lb/hr	SO <sub>2</sub> lb/hr	Heat Input MMBtu/hr				
1	09/20/21	11.25	25.17	-	319.5				
2	09/20/21	7.03	27.20	-	304.56				
3	09/20/21	22.75	24.09	-	314.05				
Test Run Data Corrected to Reference O <sub>2</sub>									
Corrected Data					Data Used for Correction				
Run Number	Test Date	CO ppmvd Corrected to 15% Oxygen	NO <sub>x</sub> ppmvd Corrected to 15% Oxygen	SO <sub>2</sub> ppmvd Corrected to NA	CO ppmvd	NO <sub>x</sub> ppmvd	SO <sub>2</sub> ppmvd	O <sub>2</sub> (% v/v Dry)	
1	09/20/21	15.87	21.62	-	13.76	18.74	-	15.79	
2	09/20/21	10.41	24.51	-	8.93	21.03	-	15.84	
3	09/20/21	32.66	21.05	-	27.12	17.48	-	16.00	



**TABLE 5-3  
RESULTS SUMMARY SULFUR DIOXIDE EMISSIONS  
CALPINE GREEN LEAF 1  
TM2500 (Unit 1)**

<b>SOURCE TEST DATA SUMMARY</b>				
Client.....	GE Power			
Unit / Location.....	Unit 1			
Reference temperature, °F.....	68			
Test number.....	Grab 1	Grab 1	Grab 1	Average
Date.....	9-20-21	9-20-21	9-20-21	--
<b><u>FUEL DATA</u></b>				
Fuel "F" factor @ 68°F, dscf/MMBtu.....	8,616	8,616	8,616	8,616
Fuel "F" factor @ T <sub>ref</sub> , dscf/MMBtu.....	8,616	8,616	8,616	8,616
Fuel higher heating value (HHV), Btu/scf.....	1,048	1,048	1,048	1,048
Fuel density, lb/scf.....	0.0454	0.0454	0.0454	0.0454
Fuel flow, lb/sec.....	3.79	3.61	3.73	3.71
Fuel flow, scfh.....	300,529	286,256	295,771	294,185
Fuel Sulfur, ppm weight.....	1.0	1.0	1.0	1.0
Fuel Sulfur, gr/100 scf.....	0.0318	0.0318	0.0318	0.0318
<b><u>ANALYZER DATA</u></b>				
O <sub>2</sub> % volume dry.....	15.79	15.84	16.00	15.88
<b><u>VOLUMETRIC FLOW RATE</u></b>				
Stack flow rate - based on fuel, dscfm.....	184,884	177,843	189,755	184,161
<b><u>EMISSIONS</u></b>				
SO <sub>2</sub> concentrations, ppm volume dry.....	0.015	0.015	0.014	0.015
<sup>2b</sup> SO <sub>2</sub> concentrations, ppm @ 15% O <sub>2</sub> dry.....	0.017	0.017	0.017	0.017
<sup>2e</sup> SO <sub>2</sub> mass emissions, lb/hr.....	0.027	0.026	0.027	0.027
<sup>2f</sup> SO <sub>2</sub> mass emissions, lb/MMBtu.....	0.000087	0.000087	0.000087	0.000087

**TABLE 5-4  
RESULTS SUMMARY GASEOUS EMISSIONS  
CALPINE GREEN LEAF 1  
TM2500 (Unit 2)**

Reference Method Test Run Data										
Client:	GE Power				Test Start Date:	Tuesday, September 21, 2021				
Facility:	Green Leaf 1				Operator:	Tom Cassin				
Source:	TM 2500 GT 2				F Factor Information					
Test Location:	Slack				F <sub>c</sub>	-				
Condition/Load:	Base				F <sub>d</sub>	86215				
Project Number:	PROJ-011221				Reference Method Measurement Basis:	Dry - Extractive				
					CEMS Analyzer Measurement Basis:	-				
Uncorrected Reference Method Analyzer Results										
Run Number	Test Date	Start Minute	End Minute	CO (ppmvd)	NO <sub>x</sub> (ppmvd)	SO <sub>2</sub> (ppmvd)	O <sub>2</sub> (% v/v Dry)	CO <sub>2</sub> (% v/v Dry)		
1	09/21/21	8:19	9:39	10.97	19.19	-	15.63	3.12		
2	09/21/21	9:55	11:15	12.54	17.78	-	15.74	3.04		
3	09/21/21	11:33	12:56	9.91	18.66	-	15.98	2.87		
Calibration Corrected Reference Method Analyzer Results										
Moisture Basis As Measured										
Run Number	Test Date	Start Minute	End Minute	CO (ppmvd)	NO <sub>x</sub> (ppmvd)	SO <sub>2</sub> (ppmvd)	O <sub>2</sub> (% v/v Dry)	CO <sub>2</sub> (% v/v Dry)		
1	09/21/21	8:19	9:39	10.97	19.21	-	15.59	3.13		
2	09/21/21	9:55	11:15	12.68	17.83	-	15.74	3.05		
3	09/21/21	11:33	12:56	10.03	18.75	-	16.02	2.88		
Reference Method Emission Rate Summary - lb/MMBtu										
Run Number	Test Date	CO lb/MMBtu	NO <sub>x</sub> lb/MMBtu	SO <sub>2</sub> lb/MMBtu	F <sub>c</sub> Factor	F <sub>d</sub> Factor				
1	09/21/21	0.027	0.0778	-	-	86215				
2	09/21/21	0.032	0.0743	-	-	86215				
3	09/21/21	0.027	0.083	-	-	86215				
Reference Method Emission Rate Summary - lb/hr Using Heat Input and lb/MMBtu Emissions Factor										
Run Number	Test Date	CO lb/hr	NO <sub>x</sub> lb/hr	SO <sub>2</sub> lb/hr	Heat Input MMBtu/hr					
1	09/21/21	8.99	25.87	-	332.5					
2	09/21/21	10.29	23.77	-	319.95					
3	09/21/21	8.47	26.01	-	314.41					
Test Run Data Corrected to Reference O <sub>2</sub>										
Corrected Data					Data Used for Correction					
Run Number	Test Date	CO ppmvd Corrected to 15% Oxygen	NO <sub>x</sub> ppmvd Corrected to 15% Oxygen	SO <sub>2</sub> ppmvd Corrected to NA	CO ppmvd	NO <sub>x</sub> ppmvd	SO <sub>2</sub> ppmvd	O <sub>2</sub> (% v/v Dry)		
1	09/21/21	12.18	21.34	-	10.97	19.21	-	15.59		
2	09/21/21	14.49	20.38	-	12.68	17.83	-	15.74		
3	09/21/21	12.14	22.69	-	10.03	18.75	-	16.02		



**TABLE 5-6  
RESULTS SUMMARY SULFUR DIOXIDE EMISSIONS  
CALPINE GREEN LEAF 1  
TM2500 (Unit 2)**

<b>SOURCE TEST DATA SUMMARY</b>				
Client.....	GE Power			
Unit / Location.....	Unit 2			
Reference temperature, °F.....	68			
Test number.....	Grab 1	Grab 1	Grab 1	Average
Date.....	9-21-21	9-21-21	9-21-21	--
<b><u>FUEL DATA</u></b>				
Fuel "F" factor @ 68°F, dscf/MMBtu.....	8,622	8,622	8,622	8,622
Fuel "F" factor @ T <sub>ref</sub> , dscf/MMBtu.....	8,622	8,622	8,622	8,622
Fuel higher heating value (HHV), Btu/scf.....	1,008	1,008	1,008	1,008
Fuel density, lb/scf.....	0.0444	0.0444	0.0444	0.0444
Fuel flow, lb/sec.....	4.01	3.85	3.79	3.88
Fuel flow, scfh.....	325,135	312,162	307,297	314,865
Fuel Sulfur, ppm weight.....	2.3	2.3	2.3	2.3
Fuel Sulfur, gr/100 scf.....	0.0715	0.0715	0.0715	0.0715
<b><u>ANALYZER DATA</u></b>				
O <sub>2</sub> % volume dry.....	15.59	15.74	16.02	15.78
<b><u>VOLUMETRIC FLOW RATE</u></b>				
Stack flow rate - based on fuel, dscfm.....	185,408	183,185	190,677	186,423
<b><u>EMISSIONS</u></b>				
SO <sub>2</sub> concentrations, ppm volume dry.....	0.036	0.035	0.033	0.035
<sup>2b</sup> SO <sub>2</sub> concentrations, ppm @ 15% O <sub>2</sub> dry.....	0.040	0.040	0.040	0.040
<sup>2e</sup> SO <sub>2</sub> mass emissions, lb/hr.....	0.066	0.064	0.063	0.064
<sup>2f</sup> SO <sub>2</sub> mass emissions, lb/MMBtu.....	0.000202	0.000202	0.000202	0.000202

## **APPENDIX A QUALITY ASSURANCE AND QUALITY CONTROL**



## **Appendix A.1**

### **ASTM D-7036 Accreditation/QI Certificates**

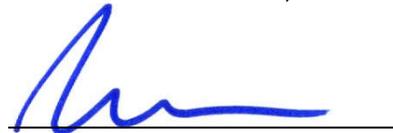
# *Accredited Air Emission Testing Body*

A2LA has accredited

## **MONTROSE AIR QUALITY SERVICES**

In recognition of the successful completion of the joint A2LA and Stack Testing Accreditation Council (STAC) evaluation process, this laboratory is accredited to perform testing activities in compliance with ASTM D7036:2004 - Standard Practice for Competence of Air Emission Testing Bodies.

Presented this 11<sup>th</sup> day of February 2020.



Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3925.01  
Valid to February 28, 2022

*This accreditation program is not included under the A2LA ILAC Mutual Recognition Arrangement.*

# CERTIFICATE OF COMPLETION

Zach LeFever

This document certifies that this individual has passed a comprehensive examination and is now a Qualified Individual (QI) as defined in Section 8.3 of ASTM D7036-04 for the following method(s):

**Source Evaluation Society Group 1: *EPA Manual Gas Volume and Flow Measurements and Isokinetic Particulate Sampling Methods***

**Certificate Number:** 011-2019-68

*Tate Strickler*

Tate Strickler, Accreditation Director

DATE OF ISSUE: 3/15/19

DATE OF EXPIRATION: 3/15/24



**MONTROSE**  
ENVIRONMENTAL

# CERTIFICATE OF COMPLETION

Thomas E Cassin

This document certifies that this individual has passed a comprehensive examination and is now a Qualified Individual (QI) as defined in Section 8.3 of ASTM D7036-04 for the following method(s):

**Source Evaluation Society Group 3: EPA Gaseous Pollutants Instrumental Sampling Methods**

**Certificate Number:** 023-2021-23



Tate Strickler, VP – Quality Systems

DATE OF ISSUE:

5/4/21

DATE OF  
EXPIRATION:

5/3/26



**MONTROSE**  
ENVIRONMENTAL

## **Appendix A.2**

### **RM Analyzer Calibration Data**

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**Relative Accuracy Test Audit Analyzer Data**


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Client:	GE Power	Test Start Date:	Monday, September 20, 2021
Facility:	Green Leaf 1	Operator:	Tom Cassin
Source:	TM 2500 GT 1	Reference Method Measurement Basis	Dry - Extractive
Test Location:	Stack	CEMS Analyzer Measurement Basis	-
Condition/Load:	Base		
Project Number:	PROJ-011221		

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**Analyzer Information**


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**Reference Method Analyzers**

Pollutant Measured	Make	Model	Serial Number
CO	Thermo	48i	1160990031
NO <sub>x</sub>	Thermo	42i	1160990029
O <sub>2</sub>	Teledyne	T803	88
CO <sub>2</sub>	Teledyne	T803	88

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**Method 25A Analyzer Data**

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Client:	GE	Test Start Date:	Monday, September 20, 2021
Facility:	Greenleaf 1	Operator:	Tom Cassin
Test Location:	Stack		
Condition/Load:	Base		
Project Number:	PROJ-01221		

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**Analyzer Information**

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Reference Method Analyzers

Source	Make	Model	Serial Number
Source 1	JUM	FID 3-500	20013023-35



### Initial Analyzer Calibration Error Check

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 1
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	9/20/2021
Operator:	Tom Cassin

### Initial Linearity Calibration Data

Pollutant Measured	Calibration Gas Level	Calibration Gas Cylinder Data			Absolute Difference	Analyzer Response	Calibration Error Percentage	Pass/Fail Status
		Expiration Date	Serial Number	Concentration (C <sub>v</sub> )				
CO	High	2/7/2023	CC192422	48.64	0.05	48.69	0.10	Pass
	Mid	2/1/2024	EB0080203	23.82	0.38	24.20	0.78	Pass
	Low	1/10/2025	CC95867	0.00	0.06	-0.06	0.12	Pass
NO <sub>x</sub>	High	2/7/2023	CC192422	46.48	0.17	46.65	0.37	Pass
	Mid	2/1/2024	EB0080203	24.04	0.03	24.07	0.06	Pass
	Low	1/10/2025	CC95867	0.00	0.10	-0.10	0.22	Pass
O <sub>2</sub>	High	1/15/2026	EB0088291	20.87	0.07	20.94	0.34	Pass
	Mid	5/10/2029	CC100657	10.32	0.03	10.35	0.14	Pass
	Low	1/10/2025	CC95867	0.00	0.01	-0.01	0.05	Pass
CO <sub>2</sub>	High	1/15/2026	EB0088291	19.50	0.09	19.59	0.46	Pass
	Mid	5/10/2029	CC100657	10.01	0.11	9.90	0.56	Pass
	Low	1/10/2025	CC95867	0.00	0.03	0.03	0.15	Pass



**Method 25A Analyzer Data**

Client:	GE	Test Start Date:	9/20/2021
Facility:	Greenleaf 1	Operator:	Tom Cassin
Test Location:	Stack		
Condition/Load:	Base	Gas Used for Calibration:	Propane
Project Number:	PROJ-01221	Gas Used for Zero:	Air

**RM Analyzer Linearity Calibration Data**

Sampling Location	Calibration Gas Cylinder Values			Calibration Gas Level	Range	Predicted Response	System Response	Calibration Error Percentage	Pass/Fail <±5%
	Cylinder ID	Exp Date	Concentration						
Source 1	CC145376	3/19/2026	16.92	High	20		16.96	0.20	Pass
	CC431837	10/20/2028	9.87	Mid		9.89	9.86	-0.33	Pass
	CC287500	4/10/2029	5.98	Low		5.99	6.01	0.39	Pass
	EB0039484	4/5/2027	0.00	Zero			0.00	0.00	Pass

**GE Power  
Greenleaf1 GT1  
Base Load**

**Linearity**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>CO2%</b>	<b>UHC ppmvw</b>	
9/20/21 5:28 AM	-0.1	-0.1	21.17	0	0.97	
9/20/21 5:29 AM	-0.09	-0.11	0.12	0.33	-0.22	
9/20/21 5:30 AM	-0.15	-0.03	-0.01	0.04	-0.29	
<b>9/20/21 5:31 AM</b>	<b>-0.1</b>	<b>-0.06</b>	<b>-0.01</b>	<b>0.03</b>	-0.18	<b>Z</b>
9/20/21 5:32 AM	-0.08	-1.13	20.83	5.39	0.01	
9/20/21 5:33 AM	-0.08	-0.97	20.94	18.64	0.03	
<b>9/20/21 5:34 AM</b>	-0.09	-1.02	<b>20.94</b>	<b>19.59</b>	-0.02	<b>H</b>
9/20/21 5:35 AM	-0.12	-0.93	14.04	18.84	-0.22	
9/20/21 5:36 AM	-0.15	-0.81	10.37	10.42	-0.18	
<b>9/20/21 5:37 AM</b>	-0.07	-0.9	<b>10.35</b>	<b>9.9</b>	-0.18	<b>M</b>
9/20/21 5:38 AM	37.01	38.94	0.05	5.32	-0.26	
9/20/21 5:39 AM	46.6	48.74	-0.01	0.02	-0.26	
<b>9/20/21 5:40 AM</b>	<b>46.65</b>	<b>48.69</b>	-0.02	0	-0.26	<b>H</b>
9/20/21 5:41 AM	35.74	30.43	-0.02	0.01	-0.32	
9/20/21 5:42 AM	24.06	24.28	-0.02	-0.01	-0.26	
<b>9/20/21 5:43 AM</b>	<b>24.07</b>	<b>24.2</b>	-0.03	0.01	-0.27	
9/20/21 5:44 AM	23.98	23.95	-0.03	0.01	-0.25	
9/20/21 5:45 AM	0.07	0	-0.01	0.01	-0.27	
9/20/21 5:56 AM	-0.09	-0.04	19.65	0	-0.12	
9/20/21 5:57 AM	-0.02	-0.9	10.35	8.83	<b>0</b>	<b>Z</b>
9/20/21 5:58 AM	-0.14	-0.79	19.7	9.97	17.02	
9/20/21 5:59 AM	-0.09	-0.18	21.25	0.27	<b>16.96</b>	<b>H</b>
9/20/21 6:00 AM	-0.07	-0.15	21.16	0	9.87	
9/20/21 6:01 AM	-0.04	-0.26	20.9	0.02	<b>9.86</b>	<b>M</b>
9/20/21 6:02 AM	-0.08	-0.26	21.25	0.01	6.04	
9/20/21 6:03 AM	-0.09	-0.31	21.41	0.02	<b>6.01</b>	<b>L</b>
9/20/21 6:04 AM	-0.09	-0.29	21.41	0.02	1.03	

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### Measurement System Response Time Test

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Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 1
Test Location:	Stack
Project Number:	PROJ-011221

Response Time Test Date:	09/20/21
Operator:	Tom Cassin

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#### Upscale Response Time Test

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Pollutant Measured	Calibration Gas Used (Mid or High)	Calibration Gas Concentration	Stable Response	Start Time	Time to Target Value	Upscale Target Value	Response Time
CO	Mid	23.82	24.13	5:52:00	5:53:00	22.92	0:01:00
NO <sub>x</sub>	Mid	24.04	23.90	5:52:00	5:53:00	22.71	0:01:00
O <sub>2</sub>	Mid	10.32	10.35	5:46:00	5:47:00	9.83	0:01:00

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#### Downscale Response Time Test

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Pollutant Measured	Calibration Gas Used (Mid or High)	Calibration Gas Concentration	Start Time	Time to Target Value	Downscale Target Value <sup>1</sup>	Response Time
CO	Mid	23.82	5:54:00	5:55:00	1.19	0:01:00
NO <sub>x</sub>	Mid	24.04	5:54:00	5:55:00	1.20	0:01:00
O <sub>2</sub>	Mid	10.32	5:48:00	5:49:00	0.52	0:01:00

**Measurement System Response Time Test**

Client:	GE
Facility:	Greenleaf 1
Test Location:	Stack
Project Number:	PROJ-01221

Response Time Test Date:	9/20/2021
Operator:	Tom Cassin

**Upscale Response Time Test**

Pollutant Measured	Calibration Gas Used	Calibration Gas Concentration	Target Response	Start Time	Time to Target Value	Upscale Target Value	Response Time
Source 1	Mid	9.873	9.86	6:06:00	6:07:00	9.37	0:01:00

**Downscale Response Time Test**

Pollutant Measured	Calibration Gas Used	Calibration Gas Concentration	Start Time	Time to Target Value	Downscale Target Value <sup>1</sup>	Response Time
Source 1	Mid	9.873	6:08:00	6:09:00	0.49	0:01:00

**GE Power  
Greenleaf1 GT1  
Base Load**

**Response Time**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>UHC ppmvw</b>
9/20/21 5:45 AM	0.07	0	-0.01	-0.27
9/20/21 5:46 AM	-0.01	0.02	-0.01	-0.16
9/20/21 5:47 AM	-0.06	-0.92	10.35	-0.21
9/20/21 5:48 AM	-0.11	-0.81	10.33	-0.22
9/20/21 5:49 AM	-0.06	-0.1	-0.01	-0.23
9/20/21 5:50 AM	-0.06	-0.06	-0.02	-0.21
9/20/21 5:51 AM	-0.07	0	-0.03	-0.25
9/20/21 5:52 AM	-0.16	-0.07	0.02	-0.25
9/20/21 5:53 AM	23.9	24.13	-0.03	-0.26
9/20/21 5:54 AM	23.96	24.26	-0.01	-0.27
9/20/21 5:55 AM	0.07	0.1	-0.03	-0.24
9/20/21 5:56 AM	-0.09	-0.04	19.65	-0.12
9/20/21 6:05 AM	-0.07	-0.54	10.61	0.02
9/20/21 6:06 AM	-0.14	-0.84	10.37	0.03
9/20/21 6:07 AM	-0.09	-0.44	20.91	9.86
9/20/21 6:08 AM	-0.05	-0.27	20.93	9.81
9/20/21 6:09 AM	-0.07	-0.55	10.67	-0.03
9/20/21 6:10 AM	-0.12	-0.51	21.07	1.06

**Measurement Ranges**

Day 1	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	O <sub>2</sub> (% vol)	CO <sub>2</sub> (% vol)
Measurement Ranges Based on Calibration Gas	48.64	46.48	-	20.87	19.50

**Low-Level or Zero Calibration Gas System Responses**

Day 1 = A Day 2 = B	Run Number	Test Date	CO (ppm)		NO <sub>x</sub> (ppm)		SO <sub>2</sub> (ppm)		O <sub>2</sub> (% vol)		CO <sub>2</sub> (% vol)	
			Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal
A	1	09/20/21	-0.05	-0.19	0.01	0.02	-	-	-0.01	-0.02	0.01	0.00
A	2	09/20/21	-0.19	-0.29	0.02	0.02	-	-	-0.02	-0.03	0.00	0.00
A	3	09/20/21	-0.29	-0.05	0.02	0.06	-	-	-0.03	-0.03	0.00	0.02

Day 1	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	O <sub>2</sub> (% vol)	CO <sub>2</sub> (% vol)
High or Mid	Mid	Mid	-	Mid	Mid
C <sub>MA</sub>	23.82	24.04	-	10.32	10.01

**High-Level Calibration Gas System Responses**

Day 1 = A Day 2 = B	Run Number	Test Date	CO (ppm)		NO <sub>x</sub> (ppm)		SO <sub>2</sub> (ppm)		O <sub>2</sub> (% vol)		CO <sub>2</sub> (% vol)	
			Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal
A	1	09/20/21	24.13	23.91	23.75	24.03	-	-	10.32	10.29	9.94	9.95
A	2	09/20/21	23.91	23.67	24.03	23.78	-	-	10.29	10.27	9.95	9.87
A	3	09/20/21	23.67	23.99	23.78	24.38	-	-	10.27	10.27	9.87	9.95

## Calibration Error and Drift Summary

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 1
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	Monday, September 20, 2021
Operator:	Tom Cassin

### Carbon Monoxide (CO) Bias and Drift Data

Run Number	Cal Gas Level		C <sub>v</sub>	C <sub>Dir</sub>	System Initial Values		System Final Values		Drift Assessment	
	Low & Upscale	Span Gas Concentration (ppm)			Direct Response (ppm)	System Response (ppm)	System Bias % of Span	System Response (ppm)	System Bias % of Span	% of Span (D)
1	Low	48.64	48.64	-0.06	-0.05	0.0	-0.19	-0.3	0.3	
	Upscale	48.64			24.20	24.13	-0.1	23.91	-0.6	0.5
2	Low	48.64	48.64	-0.06	-0.19	-0.3	-0.29	-0.5	0.2	
	Upscale	48.64			24.20	23.91	-0.6	23.67	-1.1	0.5
3	Low	48.64	48.64	-0.06	-0.29	-0.5	-0.05	0.0	0.5	
	Upscale	48.64			24.20	23.67	-1.1	23.99	-0.4	0.7

### Nitrogen Oxides (NO<sub>x</sub>) Bias and Drift Data

Run Number	Cal Gas Level		C <sub>v</sub>	C <sub>Dir</sub>	System Initial Values		System Final Values		Drift Assessment	
	Low & Upscale	Span Gas Concentration (ppm)			Direct Response (ppm)	System Response (ppm)	System Bias % of Span	System Response (ppm)	System Bias % of Span	% of Span (D)
1	Low	46.48	46.48	-0.10	0.01	0.2	0.02	0.3	0.0	
	Upscale	46.48			24.07	23.75	-0.7	24.03	-0.1	0.6
2	Low	46.48	46.48	-0.10	0.02	0.3	0.02	0.3	0.0	
	Upscale	46.48			24.07	24.03	-0.1	23.78	-0.6	0.5
3	Low	46.48	46.48	-0.10	0.02	0.3	0.06	0.3	0.1	
	Upscale	46.48			24.07	23.78	-0.6	24.38	0.7	1.3

**Oxygen (O<sub>2</sub>) Bias and Drift Data**

Run Number	Cal Gas Level	C <sub>v</sub> Span Gas & Concentration (%vol)	C <sub>Dir</sub> Direct Response (%vol)	System Initial Values		System Final Values		Drift Assessment	
	Low & Upscale			System Response (ppm)	System Bias % of Span	System Response (%vol)	System Bias % of Span	% of Span (D)	
1	Low	20.87	-0.01	-0.01	0.0	-0.02	0.0	0.0	
	Upscale	20.87	10.35	10.32	-0.1	10.29	-0.3	0.1	
2	Low	20.87	-0.01	-0.02	0.0	-0.03	-0.1	0.0	
	Upscale	20.87	10.35	10.29	-0.3	10.27	-0.4	0.1	
3	Low	20.87	-0.01	-0.03	-0.1	-0.03	-0.1	0.0	
	Upscale	20.87	10.35	10.27	-0.4	10.27	-0.4	0.0	

**Carbon Dioxide (CO<sub>2</sub>) Bias and Drift Data**

Run Number	Cal Gas Level	C <sub>v</sub> Span Gas & Concentration (%vol)	C <sub>Dir</sub> Direct Response (%vol)	System Initial Values		System Final Values		Drift Assessment	
	Low & Upscale			System Response (ppm)	System Bias % of Span	System Response (%vol)	System Bias % of Span	% of Span (D)	
1	Low	19.50	0.03	0.01	-0.1	0.00	-0.2	0.1	
	Upscale	19.50	9.90	9.94	0.2	9.95	0.3	0.1	
2	Low	19.50	0.03	0.00	-0.2	0.00	-0.2	0.0	
	Upscale	19.50	9.90	9.95	0.3	9.87	-0.2	0.4	
3	Low	19.50	0.03	0.00	-0.2	0.02	-0.1	0.1	
	Upscale	19.50	9.90	9.87	-0.2	9.95	0.3	0.4	



### Method 25A Calibration Data

Client:	GE
Facility:	Greenleaf 1
Test Location:	Stack
Project Number:	PROJ-01221
Test Date:	9/20/2021
Operator:	Tom Cassin

#### Upscale Calibration Gas Used

Source 1	
Calibration Gas Type	Propane
Upscale Gas Used	Mid
Upscale Gas Concentration	9.87

#### Upscale System Response

Test Run Number	Source 1	
	Pre Cal	Post Cal
1	9.92	9.90
2	9.92	9.87
3	9.92	9.80
4	-	-

#### Zero System Response

Test Run Number	Source 1	
	Pre Cal	Post Cal
1	-0.01	0.13
2	-0.01	-0.12
3	-0.01	-0.06
4	-	-

Method 25A Drift Calculations

Source 1						
Run	Span Gas Concentration (ppm)	Calibration Gas Level	System Response		Drift %	Acceptability +/- 3%
			Initial (ppm)	Final (ppm)		
1	9.87	Upscale	9.92	9.90	-0.10	Pass
		Zero	-0.01	0.13	0.70	Pass
2	9.87	Upscale	9.92	9.87	-0.25	Pass
		Zero	-0.01	-0.12	-0.55	Pass
3	9.87	Upscale	9.92	9.80	-0.60	Pass
		Zero	-0.01	-0.06	-0.25	Pass

GE Power  
 Greenleaf1 GT1  
 Base Load

Pre 1

	NOx ppmvd	CO ppmvd	O2%	CO2%	UHC ppmvw	
9/20/21 10:11 AM	0.04	-0.02	-0.03	0.01	-0.14	
<b>9/20/21 10:12 AM</b>	<b>0.01</b>	<b>-0.05</b>	<b>-0.01</b>	<b>0.01</b>	-0.07	<b>Z</b>
9/20/21 10:13 AM	0.02	-0.98	10.29	7.78	-0.06	
<b>9/20/21 10:14 AM</b>	-0.05	-0.86	<b>10.32</b>	<b>9.94</b>	-0.09	<b>M</b>
9/20/21 10:15 AM	23.53	23.66	-0.01	1.18	-0.09	
9/20/21 10:16 AM	23.72	24.12	-0.02	0.01	-0.11	
<b>9/20/21 10:17 AM</b>	<b>23.75</b>	<b>24.13</b>	-0.04	0.01	-0.11	<b>M</b>
9/20/21 10:18 AM	21.62	7.91	10.22	2	-0.03	
<b>9/20/21 10:19 AM</b>	0.03	-0.82	10.29	9.9	<b>-0.01</b>	<b>Z</b>
9/20/21 10:20 AM	7.14	1.64	20.72	5.91	9.88	
<b>9/20/21 10:21 AM</b>	-0.02	-0.41	20.85	0.01	<b>9.92</b>	<b>M</b>
9/20/21 10:22 AM	-0.01	2.02	18.93	0.02	1.05	

**GE Power**  
**Greenleaf1 GT1**  
**Base Load**

**Post1/Pre2**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>CO2%</b>	<b>UHC ppmvw</b>	
9/20/21 12:00 PM	0.23	-0.11	-0.02	0.04	-0.1	
9/20/21 12:01 PM	0.11	-0.09	-0.02	-0.01	-0.08	
<b>9/20/21 12:02 PM</b>	<b>0.02</b>	<b>-0.19</b>	<b>-0.02</b>	<b>0</b>	-0.02	<b>Z</b>
9/20/21 12:03 PM	0.02	-0.96	10.29	8.96	-0.01	
9/20/21 12:04 PM	0.03	-0.9	10.3	9.96	-0.07	
<b>9/20/21 12:05 PM</b>	0.06	-0.97	<b>10.29</b>	<b>9.95</b>	-0.1	<b>M</b>
9/20/21 12:06 PM	23.47	23.55	-0.02	1.01	-0.12	
<b>9/20/21 12:07 PM</b>	<b>24.03</b>	<b>23.91</b>	-0.02	0.02	-0.1	<b>M</b>
9/20/21 12:08 PM	23.98	13.72	0.05	0.04	-0.08	
9/20/21 12:09 PM	22.31	12.98	14.73	2.27	0.13	
9/20/21 12:10 PM	0.17	-0.45	20.86	16.13	<b>0.13</b>	<b>Z</b>
9/20/21 12:11 PM	-0.02	-0.41	15.63	18.79	9.15	
9/20/21 12:12 PM	0.05	-0.42	20.82	1.03	<b>9.9</b>	<b>M</b>

GE Power  
 Greenleaf1 GT1  
 Base Load

Post2/Pre3

	NOx ppmvd	CO ppmvd	O2%	CO2%	UHC ppmvw	
9/20/21 1:48 PM	15.67	4.28	0.63	2.15	-0.33	
9/20/21 1:49 PM	0.08	-0.29	-0.02	0.29	-0.23	
<b>9/20/21 1:50 PM</b>	<b>0.02</b>	<b>-0.29</b>	<b>-0.03</b>	<b>0</b>	-0.3	<b>Z</b>
9/20/21 1:51 PM	0.01	-0.66	10.02	0.07	-0.3	
9/20/21 1:52 PM	-0.02	-1	10.28	9.84	-0.22	
<b>9/20/21 1:53 PM</b>	-0.06	-0.98	<b>10.27</b>	<b>9.87</b>	-0.21	<b>M</b>
9/20/21 1:54 PM	33.06	21.26	0.01	5.33	-0.34	
9/20/21 1:55 PM	23.73	23.62	-0.03	0.02	-0.3	
<b>9/20/21 1:56 PM</b>	<b>23.78</b>	<b>23.67</b>	-0.02	-0.01	0.49	
9/20/21 1:57 PM	0.76	1.05	20.78	13.75	<b>-0.12</b>	<b>Z</b>
9/20/21 1:58 PM	0.24	0.48	20.65	15.25	9.31	
9/20/21 1:59 PM	-0.03	-0.55	20.78	0.11	<b>9.87</b>	M
9/20/21 2:00 PM	-0.02	-0.51	20.78	0.02	9.92	
9/20/21 2:01 PM	-0.04	-0.49	20.79	0.01	9.85	

GE Power  
Greenleaf1 GT1  
Base Load

Post 3

	NOx ppmvc	CO ppmvd	O2%	CO2%	JHC ppmvw	
9/20/21 3:34 PM	0.07	-0.06	-0.02	0	-0.33	
<b>9/20/21 3:35 PM</b>	<b>0.06</b>	<b>-0.05</b>	<b>-0.03</b>	<b>0.02</b>	-0.25	<b>Z</b>
9/20/21 3:36 PM	-0.02	-0.74	10.2	2.21	-0.26	
9/20/21 3:37 PM	-0.09	-0.83	10.28	9.81	-0.21	
<b>9/20/21 3:38 PM</b>	-0.03	-0.81	<b>10.27</b>	<b>9.95</b>	-0.26	<b>M</b>
9/20/21 3:39 PM	23.48	23.86	-0.03	0.4	-0.31	
9/20/21 3:40 PM	24.33	23.9	-0.04	0.01	-0.3	
<b>9/20/21 3:41 PM</b>	<b>24.38</b>	<b>23.99</b>	-0.05	0.02	-0.12	
9/20/21 3:42 PM	0.19	0.33	20.81	16.85	-0.06	
<b>9/20/21 3:43 PM</b>	-0.02	-0.94	20.82	18.7	<b>-0.06</b>	<b>Z</b>
9/20/21 3:44 PM	0.07	-0.53	20.76	10.49	9.92	
<b>9/20/21 3:45 PM</b>	-0.01	-0.37	20.78	0.03	<b>9.8</b>	<b>M</b>
9/20/21 3:46 PM	-0.08	-0.25	21.04	0.01	0.79	

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**Relative Accuracy Test Audit Analyzer Data**


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Client:	GE Power	Test Start Date:	Tuesday, September 21, 2021
Facility:	Green Leaf 1	Operator:	Tom Cassin
Source:	TM 2500 GT 2	Reference Method Measurement Basis	Dry - Extractive
Test Location:	Stack	CEMS Analyzer Measurement Basis	-
Condition/Load:	Base		
Project Number:	PROJ-011221		

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**Analyzer Information**


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**Reference Method Analyzers**

Pollutant Measured	Make	Model	Serial Number
CO	Thermo	48i	1160990031
NO <sub>x</sub>	Thermo	42i	1160990029
O <sub>2</sub>	Teledyne	T803	88
CO <sub>2</sub>	Teledyne	T803	88

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**Method 25A Analyzer Data**

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Client:	GE	Test Start Date:	Tuesday, September 21, 2021
Facility:	Greenleaf 1	Operator:	Tom Cassin
Test Location:	Stack GT2		
Condition/Load:	Base Load		
Project Number:	PROJ-011221		

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**Analyzer Information**

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Reference Method Analyzers

Source	Make	Model	Serial Number
Source 1	JUM	FID 3-500	20013023-35





### Initial Analyzer Calibration Error Check

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 2
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	9/21/2021
Operator:	Tom Cassin

### Initial Linearity Calibration Data

Pollutant Measured	Calibration Gas Level	Calibration Gas Cylinder Data			Absolute Difference	Analyzer Response	Calibration Error Percentage	Pass/Fail Status
		Expiration Date	Serial Number	Concentration (C <sub>v</sub> )				
CO	High	2/7/2023	CC192422	48.64	0.38	49.02	0.78	Pass
	Mid	2/1/2024	EB0080203	23.82	0.15	23.97	0.31	Pass
	Low	1/10/2025	CC95867	0.00	0.00	0.00	0.00	Pass
NO <sub>x</sub>	High	2/7/2023	CC192422	46.48	0.00	46.48	0.00	Pass
	Mid	2/1/2024	EB0080203	24.04	0.09	23.95	0.19	Pass
	Low	1/10/2025	CC95867	0.00	0.13	-0.13	0.28	Pass
O <sub>2</sub>	High	1/15/2026	EB0088291	20.87	0.10	20.97	0.48	Pass
	Mid	5/10/2029	CC100657	10.32	0.03	10.35	0.14	Pass
	Low	1/10/2025	CC95867	0.00	0.02	-0.02	0.10	Pass
CO <sub>2</sub>	High	1/15/2026	EB0088291	19.50	0.01	19.49	0.05	Pass
	Mid	5/10/2029	CC100657	10.01	0.03	10.04	0.15	Pass
	Low	1/10/2025	CC95867	0.00	0.01	0.01	0.05	Pass

**Method 25A Analyzer Data**

Client:	GE	Test Start Date:	9/21/2021
Facility:	Greenleaf 1	Operator:	Tom Cassin
Test Location:	Stack GT2		
Condition/Load:	Base Load	Gas Used for Calibration:	Propane
Project Number:	PROJ-011221	Gas Used for Zero:	Air

**RM Analyzer Linearity Calibration Data**

Sampling Location	Calibration Gas Cylinder Values			Calibration Gas Level	Range	Predicted Response	System Response	Calibration Error Percentage	Pass/Fail <±5%
	Cylinder ID	Exp Date	Concentration						
Source 1	CC145376	3/19/2026	16.92	High	20		16.99	0.35	Pass
	CC431837	10/20/2028	9.87	Mid		9.88	9.91	0.29	Pass
	CC287500	4/10/2029	5.98	Low		5.95	6.00	0.86	Pass
	EB0039484	4/5/2027	0.00	Zero			-0.08	-0.40	Pass

Predicted Response Calculations

GE Power  
Greenleaf1 GT2  
Base Load

Linearity

	NOx ppmvd	CO ppmvd	O2%	CO2%	UHC ppmvw	
9/21/21 5:49	-0.15	0.21	21.18	0.01	1.29	
9/21/21 5:50	-0.18	0.26	0.05	0.02	-0.19	
<b>9/21/21 5:51</b>	<b>-0.13</b>	<b>0</b>	<b>-0.02</b>	<b>0.01</b>	-0.18	<b>Z</b>
9/21/21 5:52	-0.14	-0.07	-0.01	0.01	-0.2	
9/21/21 5:53	-0.11	-1.12	20.96	14.6	0.1	
9/21/21 5:54	-0.12	-0.92	20.96	18.83	0.16	
<b>9/21/21 5:55</b>	-0.11	-0.96	<b>20.97</b>	<b>19.49</b>	0.11	<b>H</b>
9/21/21 5:56	-0.11	-1.02	20.98	19.46	-0.06	
9/21/21 5:57	-0.12	-0.76	10.38	11.12	-0.08	
<b>9/21/21 5:58</b>	-0.13	-0.77	<b>10.35</b>	<b>10.04</b>	-0.04	<b>M</b>
9/21/21 5:59	-0.09	-0.77	10.37	10	-0.16	
9/21/21 6:00	48.73	48.48	-0.01	1.07	-0.19	
<b>9/21/21 6:01</b>	<b>46.48</b>	<b>49.02</b>	-0.01	0	-0.13	<b>H</b>
9/21/21 6:02	46.62	49	0	-0.01	-0.15	
9/21/21 6:03	25.21	26.45	-0.01	0	-0.2	
9/21/21 6:04	23.93	23.94	-0.03	0.02	-0.2	
<b>9/21/21 6:05</b>	<b>23.95</b>	<b>23.97</b>	-0.03	0	-0.14	<b>M</b>
9/21/21 6:06	1.22	1.44	-0.01	0.01	-0.19	
9/21/21 6:19	-0.09	-1	21.01	17.86	0.01	
<b>9/21/21 6:20</b>	-0.06	-0.9	21.01	18.87	<b>-0.08</b>	<b>Z</b>
9/21/21 6:21	-0.08	-0.9	21.03	18.93	0.07	
<b>9/21/21 6:22</b>	0.01	-0.28	21.32	7.38	<b>16.99</b>	<b>H</b>
9/21/21 6:23	-0.1	-0.11	21.34	0	17.09	
9/21/21 6:24	-0.06	-0.19	21	0	9.95	
<b>9/21/21 6:25</b>	-0.06	-0.32	20.99	0.01	<b>9.91</b>	<b>M</b>
9/21/21 6:26	-0.06	-0.33	21.47	0.02	6.02	
<b>9/21/21 6:27</b>	-0.11	-0.23	21.49	0.01	<b>6</b>	<b>L</b>
9/21/21 6:28	-0.07	-0.12	21.22	0.01	-0.02	

**Measurement System Response Time Test**

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 2
Test Location:	Stack
Project Number:	PROJ-011221

Response Time Test Date:	9/21/21
Operator:	Tom Cassin

**Upscale Response Time Test**

Pollutant Measured	Calibration Gas Used (Mid or High)	Calibration Gas Concentration	Stable Response	Start Time	Time to Target Value	Upscale Target Value	Response Time
CO	Mid	23.82	23.75	6:13:00	6:14:00	22.56	0:01:00
NO <sub>x</sub>	Mid	24.04	23.78	6:13:00	6:14:00	22.59	0:01:00
O <sub>2</sub>	Mid	10.32	10.34	6:09:00	6:10:00	9.82	0:01:00

**Downscale Response Time Test**

Pollutant Measured	Calibration Gas Used (Mid or High)	Calibration Gas Concentration	Start Time	Time to Target Value	Downscale Target Value <sup>1</sup>	Response Time
CO	Mid	23.82	6:16:00	6:17:00	1.19	0:01:00
NO <sub>x</sub>	Mid	24.04	6:16:00	6:17:00	1.20	0:01:00
O <sub>2</sub>	Mid	10.32	6:11:00	6:12:00	0.52	0:01:00

<sup>1</sup> The calculated downscale is 5% of the upscale. 0.5ppm may also be used if less restrictive.

**Measurement System Response Time Test**

Client:	GE
Facility:	Greenleaf 1
Test Location:	Stack GT2
Project Number:	PROJ-011221

Response Time Test Date:	9/21/2021
Operator:	Tom Cassin

**Upscale Response Time Test**

Pollutant Measured	Calibration Gas Used	Calibration Gas Concentration	Target Response	Start Time	Time to Target Value	Upscale Target Value	Response Time
Source 1	Mid	9.873	9.91	6:30:00	6:31:00	9.41	0:01:00

**Downscale Response Time Test**

Pollutant Measured	Calibration Gas Used	Calibration Gas Concentration	Start Time	Time to Target Value	Downscale Target Value <sup>1</sup>	Response Time
Source 1	Mid	9.873	6:32:00	6:33:00	0.49	0:01:00

GE Power  
Greenleaf1 GT2  
Base Load

Response Time

	NOx ppmvd	CO ppmvd	O2%	UHC ppmvw
9/21/21 6:07	0.01	0.02	-0.01	-0.19
9/21/21 6:08	-0.05	-0.04	-0.03	-0.26
<b>9/21/21 6:09</b>	<b>-0.09</b>	<b>0.02</b>	<b>-0.02</b>	-0.01
<b>9/21/21 6:10</b>	-0.11	-0.77	<b>10.34</b>	-0.05
<b>9/21/21 6:11</b>	-0.1	-0.79	<b>10.38</b>	-0.18
<b>9/21/21 6:12</b>	-0.06	-0.12	<b>0</b>	-0.26
<b>9/21/21 6:13</b>	<b>-0.12</b>	<b>-0.08</b>	-0.02	-0.23
<b>9/21/21 6:14</b>	<b>23.78</b>	<b>23.75</b>	-0.01	-0.23
<b>9/21/21 6:15</b>	<b>23.99</b>	<b>23.95</b>	-0.01	-0.24
<b>9/21/21 6:16</b>	<b>24</b>	<b>23.94</b>	-0.03	-0.32
<b>9/21/21 6:17</b>	<b>-0.02</b>	<b>0.02</b>	-0.02	-0.24
9/21/21 6:18	-0.11	-0.03	14.68	0.17
9/21/21 6:28	-0.07	-0.12	21.22	-0.02
9/21/21 6:29	-0.1	-1.02	21.04	-0.04
<b>9/21/21 6:30</b>	-0.13	-0.97	21.05	<b>-0.05</b>
<b>9/21/21 6:31</b>	-0.12	-0.34	20.99	<b>9.91</b>
<b>9/21/21 6:32</b>	-0.11	-0.31	21	<b>9.87</b>
<b>9/21/21 6:33</b>	-0.09	-0.63	21.05	<b>-0.04</b>

**Measurement Ranges**

Day 1	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	O <sub>2</sub> (% vol)	CO <sub>2</sub> (% vol)
Measurement Ranges Based on Calibration Gas	48.64	46.48	-	20.87	19.50

**Low-Level or Zero Calibration Gas System Responses**

Day 1 = A Day 2 = B	Run Number	Test Date	CO (ppm)		NO <sub>x</sub> (ppm)		SO <sub>2</sub> (ppm)		O <sub>2</sub> (% vol)		CO <sub>2</sub> (% vol)	
			Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal
A	1	09/21/21	0.02	-0.07	-0.09	0.15	-	-	-0.02	-0.02	0.02	0.01
A	2	09/21/21	-0.07	-0.10	0.15	0.07	-	-	-0.02	-0.02	0.01	0.01
A	3	09/21/21	-0.10	-0.03	0.07	0.13	-	-	-0.02	-0.02	0.01	0.01

Day 1	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	O <sub>2</sub> (% vol)	CO <sub>2</sub> (% vol)
High or Mid	Mid	Mid	-	Mid	Mid
C <sub>MA</sub>	23.82	24.04	-	10.32	10.01

**High-Level Calibration Gas System Responses**

Day 1 = A Day 2 = B	Run Number	Test Date	CO (ppm)		NO <sub>x</sub> (ppm)		SO <sub>2</sub> (ppm)		O <sub>2</sub> (% vol)		CO <sub>2</sub> (% vol)	
			Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal	Pre Cal	Post Cal
A	1	09/21/21	23.94	23.77	24.00	24.02	-	-	10.34	10.34	9.93	9.94
A	2	09/21/21	23.77	23.50	24.02	23.85	-	-	10.34	10.29	9.94	9.94
A	3	09/21/21	23.50	23.73	23.85	23.94	-	-	10.29	10.28	9.94	9.94

## Calibration Error and Drift Summary

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 2
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	Tuesday, September 21, 2021
Operator:	Tom Cassin

### Carbon Monoxide (CO) Bias and Drift Data

Run Number	Cal Gas Level	C <sub>v</sub>	C <sub>Dir</sub>	System Initial Values		System Final Values		Drift Assessment	
				System Response (ppm)	System Bias % of Span	System Response (ppm)	System Bias % of Span	% of Span (D)	
1	Low	48.64	0.00	0.02	0.0	-0.07	-0.1	0.2	
	Upscale	48.64	23.97	23.94	-0.1	23.77	-0.4	0.3	
2	Low	48.64	0.00	-0.07	-0.1	-0.10	-0.2	0.1	
	Upscale	48.64	23.97	23.77	-0.4	23.50	-1.0	0.6	
3	Low	48.64	0.00	-0.10	-0.2	-0.03	-0.1	0.1	
	Upscale	48.64	23.97	23.50	-1.0	23.73	-0.5	0.5	

### Nitrogen Oxides (NO<sub>x</sub>) Bias and Drift Data

Run Number	Cal Gas Level	C <sub>v</sub>	C <sub>Dir</sub>	System Initial Values		System Final Values		Drift Assessment	
				System Response (ppm)	System Bias % of Span	System Response (ppm)	System Bias % of Span	% of Span (D)	
1	Low	46.48	-0.13	-0.09	0.1	0.15	0.6	0.5	
	Upscale	46.48	23.95	24.00	0.1	24.02	0.2	0.0	
2	Low	46.48	-0.13	0.15	0.6	0.07	0.4	0.2	
	Upscale	46.48	23.95	24.02	0.2	23.85	-0.2	0.4	
3	Low	46.48	-0.13	0.07	0.4	0.13	0.6	0.1	
	Upscale	46.48	23.95	23.85	-0.2	23.94	0.0	0.2	



Oxygen (O <sub>2</sub> ) Bias and Drift Data								
Run Number	Cal Gas Level	C <sub>v</sub>	C <sub>Dir</sub>	System Initial Values		System Final Values		Drift Assessment
	Low & Upscale	Span Gas Concentration (%vol)	Direct Response (%vol)	System Response (ppm)	System Bias % of Span	System Response (%vol)	System Bias % of Span	% of Span (D)
1	Low	20.87	-0.02	-0.02	0.0	-0.02	0.0	0.0
	Upscale	20.87	10.35	10.34	0.0	10.34	0.0	0.0
2	Low	20.87	-0.02	-0.02	0.0	-0.02	0.0	0.0
	Upscale	20.87	10.35	10.34	0.0	10.29	-0.3	0.2
3	Low	20.87	-0.02	-0.02	0.0	-0.02	0.0	0.0
	Upscale	20.87	10.35	10.29	-0.3	10.28	-0.3	0.0

Carbon Dioxide (CO <sub>2</sub> ) Bias and Drift Data								
Run Number	Cal Gas Level	C <sub>v</sub>	C <sub>Dir</sub>	System Initial Values		System Final Values		Drift Assessment
	Low & Upscale	Span Gas Concentration (%vol)	Direct Response (%vol)	System Response (ppm)	System Bias % of Span	System Response (%vol)	System Bias % of Span	% of Span (D)
1	Low	19.50	0.01	0.02	0.1	0.01	0.0	0.1
	Upscale	19.50	10.04	9.93	-0.6	9.94	-0.5	0.1
2	Low	19.50	0.01	0.01	0.0	0.01	0.0	0.0
	Upscale	19.50	10.04	9.94	-0.5	9.94	-0.5	0.0
3	Low	19.50	0.01	0.01	0.0	0.01	0.0	0.0
	Upscale	19.50	10.04	9.94	-0.5	9.94	-0.5	0.0



**Method 25A Calibration Data**

Client:	GE
Facility:	Greenleaf 1
Test Location:	Stack GT2
Project Number:	PROJ-011221
Test Date:	9/21/2021
Operator:	Tom Cassin

**Upscale Calibration Gas Used**

Source 1	
Calibration Gas Type	Propane
Upscale Gas Used	Mid
Upscale Gas Concentration	9.87

**Upscale System Response**

Test Run Number	Source 1	
	Pre Cal	Post Cal
1	9.91	9.91
2	9.91	9.90
3	9.91	9.97

**Zero System Response**

Test Run Number	Source 1	
	Pre Cal	Post Cal
1	-0.05	-0.01
2	-0.05	-0.07
3	-0.05	-0.07

Method 25A Drift Calculations

Source 1						
Run	Span Gas Concentration (ppm)	Calibration Gas Level	System Response		Drift %	Acceptability +/- 3%
			Initial (ppm)	Final (ppm)		
1	9.87	Upscale	9.91	9.91	0.00	Pass
		Zero	-0.05	-0.01	0.20	Pass
2	9.87	Upscale	9.91	9.90	-0.05	Pass
		Zero	-0.05	-0.07	-0.10	Pass
3	9.87	Upscale	9.91	9.97	0.30	Pass
		Zero	-0.05	-0.07	-0.10	Pass

GE Power  
Greenleaf1 GT2  
Base Load

Pre 1

	NOx ppmvd	CO ppmvd	O2%	CO2%	UHC ppmvw	
9/21/21 6:07	0.01	0.02	-0.01	0.01	-0.19	
9/21/21 6:08	-0.05	-0.04	-0.03	0	-0.26	
<b>9/21/21 6:09</b>	<b>-0.09</b>	<b>0.02</b>	<b>-0.02</b>	<b>0.02</b>	-0.01	<b>Z</b>
<b>9/21/21 6:10</b>	-0.11	-0.77	<b>10.34</b>	9.25	-0.05	<b>M</b>
<b>9/21/21 6:11</b>	-0.1	-0.79	10.38	<b>9.93</b>	-0.18	<b>M</b>
9/21/21 6:12	-0.06	-0.12	0	1.68	-0.26	
9/21/21 6:13	-0.12	-0.08	-0.02	0.01	-0.23	
9/21/21 6:14	23.78	23.75	-0.01	0	-0.23	
9/21/21 6:15	23.99	23.95	-0.01	-0.01	-0.24	
<b>9/21/21 6:16</b>	<b>24</b>	<b>23.94</b>	-0.03	0.01	-0.32	<b>M</b>
9/21/21 6:17	-0.02	0.02	-0.02	0.02	-0.24	
9/21/21 6:28	-0.07	-0.12	21.22	0.01	-0.02	
9/21/21 6:29	-0.1	-1.02	21.04	17.83	-0.04	
<b>9/21/21 6:30</b>	-0.13	-0.97	21.05	18.92	<b>-0.05</b>	<b>Z</b>
<b>9/21/21 6:31</b>	-0.12	-0.34	20.99	4.65	<b>9.91</b>	<b>M</b>

GE Power  
 Greenleaf1 GT2  
 Base Load

Post1/Pre2

	NOx ppmvd	CO ppmvd	O2%	CO2%	UHC ppmvw	
9/21/21 9:40 AM	6.36	0.91	0.05	1.92	-0.57	
9/21/21 9:41 AM	0.26	-0.05	-0.02	0.02	-0.56	
<b>9/21/21 9:42 AM</b>	<b>0.15</b>	<b>-0.07</b>	<b>-0.02</b>	<b>0.01</b>	-0.46	<b>Z</b>
9/21/21 9:43 AM	0.07	-0.84	10.31	8.13	-0.51	
9/21/21 9:44 AM	0.06	-0.85	10.32	9.9	-0.47	
<b>9/21/21 9:45 AM</b>	0.01	-0.89	<b>10.34</b>	<b>9.94</b>	-0.49	<b>M</b>
9/21/21 9:46 AM	4.07	6.39	18.87	5.6	0.61	
9/21/21 9:47 AM	6.61	3.99	18.97	1.25	0.4	
9/21/21 9:48 AM	15.4	17.9	3.32	1	-0.65	
9/21/21 9:49 AM	23.94	23.66	-0.01	0.08	-0.62	
<b>9/21/21 9:50 AM</b>	<b>24.02</b>	<b>23.77</b>	5.82	0	-0.3	<b>M</b>
<b>9/21/21 9:51 AM</b>	0.16	-0.55	20.9	17.64	<b>-0.01</b>	<b>Z</b>
<b>9/21/21 9:52 AM</b>	1.75	1.17	20.82	8.47	<b>9.91</b>	<b>M</b>
9/21/21 9:53 AM	3.07	2.84	19.06	0.24	1.93	

GE Power  
 Greenleaf1 GT2  
 Base Load

Post2/Pre3

	NOx ppmvd	CO ppmvd	O2%	CO2%	UHC ppmvw	
9/21/21 11:17 AM	0.18	-0.1	-0.02	0.01	-0.41	
<b>9/21/21 11:18 AM</b>	<b>0.07</b>	<b>-0.1</b>	<b>-0.02</b>	<b>0.01</b>	-0.43	<b>Z</b>
9/21/21 11:19 AM	0.01	-0.91	10.29	8.81	-0.43	
9/21/21 11:20 AM	-0.02	-0.88	10.29	9.93	-0.41	
<b>9/21/21 11:21 AM</b>	-0.07	-0.95	<b>10.29</b>	<b>9.94</b>	-0.46	<b>M</b>
9/21/21 11:22 AM	23.74	23.5	-0.03	0.62	-0.49	
9/21/21 11:23 AM	23.87	23.63	-0.01	0.01	-0.51	
<b>9/21/21 11:24 AM</b>	<b>23.85</b>	<b>23.5</b>	10.52	0.01	-0.23	<b>M</b>
<b>9/21/21 11:25 AM</b>	0.14	-0.67	20.87	17.71	<b>-0.07</b>	<b>Z</b>
9/21/21 11:26 AM	9.88	4.64	20.67	13.5	9.79	
<b>9/21/21 11:27 AM</b>	-0.02	-0.41	20.81	0.04	<b>9.9</b>	<b>M</b>
9/21/21 11:28 AM	13.79	10.64	15.1	0.82	0.72	

GE Power  
Greenleaf1 GT2  
Base Load

Post 3

	NOx ppmvd	CO ppmvd	O2%	CO2%	UHC ppmvw	
9/21/21 1:00 PM	0.37	-0.09	-0.01	0.12	-0.31	
<b>9/21/21 1:01 PM</b>	<b>0.13</b>	<b>-0.03</b>	<b>-0.02</b>	<b>0.01</b>	-0.31	<b>Z</b>
9/21/21 1:02 PM	0	-0.08	-0.01	0.01	-0.23	
9/21/21 1:03 PM	-0.02	-0.87	10.27	8.77	-0.22	
<b>9/21/21 1:04 PM</b>	-0.04	-0.83	<b>10.28</b>	<b>9.94</b>	-0.32	<b>M</b>
9/21/21 1:05 PM	-0.07	-0.82	10.27	9.94	-0.25	
9/21/21 1:06 PM	0.02	-0.82	10.29	10.01	-0.3	
9/21/21 1:07 PM	4.6	9.13	0.17	9.82	-0.35	
9/21/21 1:08 PM	23.5	23.68	-0.03	0.02	-0.31	
9/21/21 1:09 PM	23.93	23.68	-0.05	0	-0.29	
9/21/21 1:10 PM	23.92	23.84	-0.03	0	-0.32	
<b>9/21/21 1:11 PM</b>	<b>23.94</b>	<b>23.73</b>	11.21	0.02	-0.19	<b>M</b>
9/21/21 1:12 PM	0.1	-0.58	20.8	17.77	-0.14	
<b>9/21/21 1:13 PM</b>	-0.07	-0.91	20.82	18.82	<b>-0.07</b>	<b>Z</b>
<b>9/21/21 1:14 PM</b>	-0.09	-0.28	20.76	4.46	<b>9.97</b>	<b>M</b>

### NO<sub>2</sub> to NO Conversion Efficiency Test

Client:	GE Power		RATA Test Date:	9/21/2021
Facility:	Green Leaf 1		Operator:	Tom Cassin
Source:	TM 2500 GT 2			
Test Location:	Stack			
Project Number:	PROJ-011221		NO <sub>2</sub> to NO Conversion Efficiency Test Date:	9/21/2021

#### Analyzer Information

NO <sub>x</sub> Analyzer Make:	Thermo
NO <sub>x</sub> Analyzer Model:	42i
NO <sub>x</sub> Analyzer S/N:	1160990029
NO <sub>x</sub> Converter Temp:	625

#### Direct Calibration Mode Utilizing NO<sub>2</sub> Calibration Gas

NO <sub>2</sub> Cal Gas Cylinder ID:	CC507398
NO <sub>2</sub> Cal Gas Cylinder Expiration Date :	2/19/2022
NO <sub>2</sub> Cal Gas Cylinder Certified Concentration:	62.64
Analyzer Response to NO <sub>2</sub> Calibration Gas:	59.19
Calculated Converter Efficiency (EFF <sub>NO2</sub> ):	94.49%
Status of Converter Efficiency (>90%):	PASS



**GE Power  
Greenleaf1 GT2  
Base Load**

**NOx Conv  
Check**

	<b>NOx ppmvd</b>
9/21/21 1:16 PM	-0.09
9/21/21 1:17 PM	26.08
9/21/21 1:18 PM	58.15
9/21/21 1:19 PM	58.52
9/21/21 1:20 PM	58.62
9/21/21 1:21 PM	58.79
9/21/21 1:22 PM	58.92
<b>9/21/21 1:23 PM</b>	<b>59.19</b>

## **Appendix A.3 Span Gas Certificates**

# CERTIFICATE OF BATCH ANALYSIS

## Grade of Product: CEM-CAL ZERO

Part Number:	NI CZ15A	Reference Number:	136-402150787-1
Cylinder Analyzed:	EB0039474	Cylinder Volume:	142.0 CF
Laboratory:	192 - Elk Grove (SAP) - IL	Cylinder Pressure:	2000 PSIG
Analysis Date:	Jun 24, 2021	Valve Outlet:	580
Lot Number:	136-402150787-1		

**Expiration Date: Jun 24, 2029**

## ANALYTICAL RESULTS

Component	Requested Purity	Certified Concentration
NITROGEN	99.9995 %	99.9995 %
CARBON DIOXIDE	< 1.0 PPM	0.49 PPM
NOx	< 0.1 PPM	< 0.1 PPM
SO2	< 0.1 PPM	< 0.1 PPM
THC	< 0.1 PPM	0.08 PPM
CARBON MONOXIDE	< 0.5 PPM	0.49 PPM

**Permanent Notes:** Airgas certifies that the contents of this cylinder meet the requirements of 40 CFR 72.2

**Cylinders in Batch:**

ALM-049054\*, CC129202, CC164767, CC222236, CC234570@, CC256937, CC276927, CC357508, CC440071\*, CC49785, CC95867, EB0021600, EB0031368, EB0039359, EB0039474, EB0046038, EB0088084, SG9120165BAL, SG9199908, XC028948B

Impurities verified against analytical standards traceable to NIST by weight and/or analysis.

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Signature on file

Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E03NI80E15A0138	Reference Number:	54-402107992-1
Cylinder Number:	CC100657	Cylinder Volume:	150.9 CF
Laboratory:	124 - Chicago (SAP) - IL	Cylinder Pressure:	2015 PSIG
PGVP Number:	B12021	Valve Outlet:	590
Gas Code:	CO2,O2,BALN	Certification Date:	May 10, 2021

**Expiration Date: May 10, 2029**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

<b>ANALYTICAL RESULTS</b>					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
CARBON DIOXIDE	10.00 %	10.01 %	G1	+/- 0.6% NIST Traceable	05/10/2021
OXYGEN	10.00 %	10.32 %	G1	+/- 0.3% NIST Traceable	05/10/2021
NITROGEN	Balance				

<b>CALIBRATION STANDARDS</b>					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	08010601	K002531	13.94 % CARBON DIOXIDE/NITROGEN	+/- 0.6%	Jan 30, 2024

<b>ANALYTICAL EQUIPMENT</b>		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
CO2-1 HORIBA VIA-510 V1E3H7P5	NDIR	Apr 29, 2021
O2-1 HORIBA MPA-510 3VUYL9NR	Paramagnetic	Apr 29, 2021

Triad Data Available Upon Request



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Signature on file  
Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number: E03NI60E15A0286	Reference Number: 54-401095141-1
Cylinder Number: EB0088291	Cylinder Volume: 159.6 CF
Laboratory: 124 - Chicago (SAP) - IL	Cylinder Pressure: 2015 PSIG
PGVP Number: B12018	Valve Outlet: 590
Gas Code: CO <sub>2</sub> ,O <sub>2</sub> ,BALN	Certification Date: Jan 15, 2018

**Expiration Date: Jan 15, 2026**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
CARBON DIOXIDE	20.00 %	19.50 %	G1	+/- 0.7% NIST Traceable	01/15/2018
OXYGEN	20.00 %	20.87 %	G1	+/- 0.7% NIST Traceable	01/15/2018
NITROGEN	Balance				

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	08061324	CC255485	20.09 % CARBON DIOXIDE/NITROGEN	+/- 0.6%	Jun 28, 2018
NTRM	09061418	CC273593	22.53 % OXYGEN/NITROGEN	+/- 0.4%	Mar 08, 2019

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
CO2-1 HORIBA VIA-510 V1E3H7P5	NDIR	Jan 08, 2018
O2-1 HORIBA MPA-510 3VUYL9NR	Paramagnetic	Jan 08, 2018

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E03NI99E15A04D9	Reference Number:	54-402013394-1
Cylinder Number:	EB0080203	Cylinder Volume:	144.3 CF
Laboratory:	124 - Chicago (SAP) - IL	Cylinder Pressure:	2015 PSIG
PGVP Number:	B12021	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Feb 01, 2021

**Expiration Date: Feb 01, 2024**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	24.00 PPM	24.04 PPM	G1	+/- 1.3% NIST Traceable	01/25/2021, 02/01/2021
CARBON MONOXIDE	24.00 PPM	23.82 PPM	G1	+/- 0.4% NIST Traceable	01/25/2021
NITRIC OXIDE	24.00 PPM	24.04 PPM	G1	+/- 1.1% NIST Traceable	01/25/2021, 02/01/2021
NITROGEN	Balance				

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	150102	KAL004704	24.35 PPM CARBON MONOXIDE/NITROGEN	+/- 0.3%	Sep 04, 2021
NTRM	120104-02	KAL004843	19.94 PPM NITRIC OXIDE/NITROGEN	+/- 1.1%	Feb 13, 2024
NTRM	120104-02	KAL004843 NOX	19.94 PPM NOx/NITROGEN	+/- 1.1%	Feb 13, 2024

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
(CO-4) Thermo 48i-TLE 1406960657	NDIR	Jan 07, 2021
EC-1 Eco Physics nCLD 844S 844n0131 NO	Chemiluminescence	Jan 07, 2021
EC-1 Eco Physics nCLD 844S 844n0131 NOX	Chemiluminescence	Jan 07, 2021

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number: E03NI99E15A00H0	Reference Number: 54-401708715-1A
Cylinder Number: CC192422	Cylinder Volume: 144.0 CF
Laboratory: 124 - Chicago (SAP) - IL	Cylinder Pressure: 2016 PSIG
PGVP Number: B12020	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Feb 07, 2020

**Expiration Date: Feb 07, 2023**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	48.00 PPM	46.48 PPM	G1	+/- 1.0% NIST Traceable	01/31/2020, 02/07/2020
CARBON MONOXIDE	48.00 PPM	48.64 PPM	G1	+/- 0.6% NIST Traceable	01/31/2020
NITRIC OXIDE	48.00 PPM	46.48 PPM	G1	+/- 1.0% NIST Traceable	01/31/2020, 02/07/2020
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	14060728	CC434350	49.88 PPM CARBON MONOXIDE/NITROGEN	+/- 0.6%	Feb 22, 2020
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	+/- 2.0%	Feb 20, 2020
NTRM	16060650	CC442691	50.42 PPM NITRIC OXIDE/NITROGEN	+/- 0.8%	Jun 27, 2020
GMIS	401203436102	CC502639	4.801 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.1%	May 02, 2022
GMIS	7302017104	CC506604	4.426 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.1%	Jul 03, 2022

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number: E02NI99E15W0076	Reference Number: 54-401419351-1
Cylinder Number: CC507398	Cylinder Volume: 144.0 CF
Laboratory: 124 - Chicago (SAP) - IL	Cylinder Pressure: 2016 PSIG
PGVP Number: B12019	Valve Outlet: 660
Gas Code: NO2,BALN	Certification Date: Feb 19, 2019

**Expiration Date: Feb 19, 2022**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NITROGEN DIOXIDE	60.00 PPM	62.64 PPM	G1	+/- 2.0% NIST Traceable	02/12/2019, 02/19/2019
NITROGEN	Balance				

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
GMIS	7272017112	CC511382	99.42 PPM NITROGEN DIOXIDE/NITROGEN	+/- 1.1%	Sep 03, 2021
PRM	12378	D562913	100.1 PPM NITROGEN DIOXIDE/AIR	+/- 1.0%	Sep 04, 2018

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
MKS FTIR NO2 017707558	FTIR	Feb 05, 2019

Triad Data Available Upon Request

**PERMANENT NOTES:**OXYGEN ADDED TO MAINTAIN STABILITY



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# CERTIFICATE OF BATCH ANALYSIS

## Grade of Product: CEM-CAL ZERO

Part Number:	AI CZ15A	Reference Number:	136-401467808-1
Cylinder Analyzed:	CC303413	Cylinder Volume:	146.0 CF
Laboratory:	192 - Elk Grove (SAP) - IL	Cylinder Pressure:	2000 PSIG
Analysis Date:	Apr 05, 2019	Valve Outlet:	590
Lot Number:	136-401467808-1		

**Expiration Date: Apr 05, 2027**

### ANALYTICAL RESULTS

Component	Requested Purity	Certified Concentration
AIR		
Carbon Dioxide	< 1.0 PPM	<LDL 0.16 PPM
NOx	< 0.1 PPM	< 0.1 PPM
Sulfur Dioxide	< 0.1 PPM	< 0.1 PPM
THC	< 0.1 PPM	0.06 PPM
Percent Oxygen	20-21 %	20.50 %
Carbon Monoxide	< 0.5 PPM	<LDL 0.16 PPM

**Permanent Notes:** Airgas certifies that the contents of this cylinder meet the requirements of 40 CFR 72.2

**Cylinders in Batch:**

CC148938, CC176793, CC17790, CC179114, CC210591, CC23123, CC275986, CC303413, CC31207, CC323590, CC410714, CC455719, EB0004600, EB0031318, EB0039484, EB0039602, SG9163891, XC007703B

Impurities verified against analytical standards traceable to NIST by weight and/or analysis.

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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E02AI99E15A1475	Reference Number:	54-402079097-1
Cylinder Number:	CC287500	Cylinder Volume:	146.2 CF
Laboratory:	124 - Chicago (SAP) - IL	Cylinder Pressure:	2015 PSIG
PGVP Number:	B12021	Valve Outlet:	590
Gas Code:	PPN,BALA	Certification Date:	Apr 10, 2021

**Expiration Date: Apr 10, 2029**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	6.000 PPM	5.975 PPM	G1	+/- 0.7% NIST Traceable	04/10/2021
AIR	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	10010119	K023771	9.60 PPM PROPANE/AIR	+/- 0.6%	Jan 19, 2022

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801332	FTIR	Mar 27, 2021

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number: E02AI99E15A1734	Reference Number: 54-401938207-1
Cylinder Number: CC431837	Cylinder Volume: 146.2 CF
Laboratory: 124 - Chicago (SAP) - IL	Cylinder Pressure: 2015 PSIG
PGVP Number: B12020	Valve Outlet: 590
Gas Code: PPN,BALA	Certification Date: Oct 20, 2020

**Expiration Date: Oct 20, 2028**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE AIR	10.00 PPM Balance	9.873 PPM	G1	+/- 0.8% NIST Traceable	10/20/2020

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	11061013	CC322931	3.431 PPM PROPANE/AIR	+/- 0.6%	Jul 28, 2023

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801332	FTIR	Oct 09, 2020

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number: E02AI99E15A00E7	Reference Number: 54-401149701-1
Cylinder Number: CC145376	Cylinder Volume: 146.2 CF
Laboratory: 124 - Chicago (SAP) - IL	Cylinder Pressure: 2015 PSIG
PGVP Number: B12018	Valve Outlet: 590
Gas Code: PPN,BALA	Certification Date: Mar 19, 2018

**Expiration Date: Mar 19, 2026**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	17.00 PPM	16.92 PPM	G1	+/- 1.0% NIST Traceable	03/19/2018
AIR	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	16061113	EB0081680	50.06 PPM PROPANE/AIR	+/- 0.4%	Jul 26, 2022

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801332	FTIR	Feb 21, 2018

Triad Data Available Upon Request



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## **Appendix A.4 Equipment Calibration Data**



**EPA Method 5**  
**Meter Box Calibration by Calibrated Critical Orifice, Leak Check, and Thermocouple Calibration Check**  
**English Meter Box Units, English K' Factor**

Meter box ID:	CB-04
Meter ID (if applicable):	CB-04
Orifice set ID:	Antioch
Calibrated by:	KA
Expires:	10/8/21

Date:	4/8/21
Location:	Antioch
No. of orifices used (min. 3):	5
Barometric pressure (in. Hg):	30.01 in. Hg
Theoretical critical vacuum:	14.16 in. Hg

Yd:	1.026
ΔH@:	1.890

**Meter Box Orifice Calibration**

IMPORTANT For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above  
 IMPORTANT The Critical Orifice Coefficient, K, must be entered in English units, (ft)<sup>3</sup>/(deg R)<sup>0.5</sup>/(in. Hg)<sup>2</sup>/(min)

ΔH (in. H2O)	Time (min)	Volume		Initial Temps.		Final Temps.		Orifice Serial# (number)	K' Orifice Coefficient (see above)	Vacuum (in. Hg)	- Ambient Temperature -	
		Initial (cu ft)	Final (cu ft)	Inlet (deg F)	Outlet (deg F)	Inlet (deg F)	Outlet (deg F)				Initial (deg F)	Final (deg F)
0.32	19.00	560.303	585.913	72.0	72.0	72.0	72.0	RG-40	0.2355	16.0	75.0	75.0
0.67	14.00	554.186	560.303	72.0	72.0	73.0	73.0	RG-48	0.3461	16.0	75.0	75.0
1.10	11.00	535.189	541.156	66.0	66.0	68.0	68.0	RG-55	0.4320	16.0	75.0	75.0
2.00	8.00	541.156	547.192	68.0	68.0	71.0	71.0	RG-63	0.5959	16.0	75.0	75.0
3.35	7.00	547.192	554.186	71.0	71.0	72.0	72.0	RG-73	0.7849	16.0	75.0	75.0

— SAMPLE RATE —  
 INDICATED VS. ACTUAL

ΔH (in. H2O)	Sample Rate (scfm)
0.32	0.308
0.67	0.449
1.10	0.560
2.00	0.773
3.35	1.018

— DRY GAS METER —  
 VOLUME CORRECTED

Vm(std)	Ver (cu ft)
5.587	5.805
6.091	6.287
6.010	6.165
6.064	6.185
7.023	7.129

— ORIFICE —  
 VOLUME CORRECTED NOMINAL

Value (number)	Yd
1.0391	1.978
1.0321	1.859
1.0269	1.978
1.020	1.862
1.015	1.810

— DRY GAS METER —  
 CALIBRATION FACTOR

Value (number)	Variation (number)
1.0391	0.013
1.0321	0.006
1.0269	-0.001
1.020	-0.006
1.015	-0.011

— ORIFICE —  
 CALIBRATION FACTOR ΔH@

Value (in-H2O)	Variation (in-H2O)
1.978	0.029
1.859	-0.031
1.978	0.069
1.862	-0.008
1.810	-0.080

QA Criteria:

Average Yd	1.0264
Average ΔH@	1.8900
Variation of Yd's	PASS
Variation of ΔH@	PASS
Vacuum Criteria	PASS

For Calibration Factor Y, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +/-0.02.

For Orifice Calibration Factor ΔH@, the orifice differential pressure in inches of H2O that equates to 0.75 cfm of air at 68 F and 29.92 inches of Hg, acceptable tolerance of individual values from the average is +/-0.2.

**Meter Box Pressure Leak Check**

Test Pressure (in. H2O):	6	Should be 5-7 in. H2O
Leak Rate (in. H2O/min):	0	Must be zero (manometer level stable for 1 minute)

**Meter Box Vacuum Leak Check**

Test Vacuum (in. Hg):	25	Coarse adjust valve fully open, fine adjust fully closed, sample inlet plugged
Leak Rate (cfm):	0	Must be zero (meter dial stable for 1 minute)

**Meter Box Thermocouple Readout Calibration Check**

Input Temperature	Allowable Temp. Dev.*	Low	High
30	7	23	37
70	8	62	78
120	9	111	129
250	11	239	261
350	12	338	362
500	14	486	514
700	17	663	717
900	20	880	920

Stack	Probe	Filter	Exit	Aux.
27	27	26	27	27
66	66	66	66	66
116	116	116	116	116
248	248	248	248	248
347	347	347	347	347
495				
598				
898				

Thermocouple simulator

Make:	Omega
Model:	CL125
Serial Number:	16200736
Cal Date:	12/19/2020

\* Reading values must be within 1.5% of reference thermometer values (based on absolute temperature scale) for calibration to be acceptable

Performed by: Raul Moreno

Date: 4/8/21

Name: Kyle Andersen

Signature: *[Signature]*

Name: Andrew Kobayashi

Date: 4/8/21

Signature: *[Signature]*



**EPA Method 5**  
**Meter Box Calibration by Calibrated Critical Orifice,**  
**Leak Check, and Thermocouple Calibration Check**  
**English Meter Box Units, English K' Factor**

Meter box ID:	CB 04
Meter ID (if applicable):	CB 04
Orifice set ID:	Antioch
Calibrated by:	RM
Expires:	4/15/22

Date:	10/15/21
Location:	Antioch
No. of orifices used (min. 3):	5
Barometric pressure (in. Hg):	30.16 in. Hg
Theoretical critical vacuum	14.23 in. Hg

Yd:	1.0186
AH@:	1.871

**Meter Box Orifice Calibration**

IMPORTANT For valid test results, the Actual Vacuum should be 1 to 2 in. Hg greater than the Theoretical Critical Vacuum shown above  
 IMPORTANT The Critical Orifice Coefficient, K', must be entered in English units, (ft<sup>3</sup>/deg R)(in.Hg)(min).

ΔH (in. H2O)	Time (min)	Volume		Net (cu ft)	Initial Temps.		Final Temps.		Orifice Serial#	K' Coefficient	Vacuum		Ambient Temperature	
		Initial (cu ft)	Final (cu ft)		Inlet (deg F)	Outlet (deg F)	Inlet (deg F)	Outlet (deg F)			(in Hg)	(deg F)	(deg F)	(deg F)
0.33	18.00	872.502	877.825	5.323	67.0	68.0	68.0	68.0	RG-40	0.2355	16.0	71.0	71.0	71.0
0.68	12.00	877.825	883.092	5.267	68.0	68.0	68.0	68.0	RG-48	0.3461	16.0	71.0	71.0	71.0
1.10	10.00	883.092	888.584	5.492	68.0	68.0	68.0	68.0	RG-55	0.4320	16.0	71.0	71.0	71.0
1.90	7.00	888.584	893.940	5.356	69.0	69.0	69.0	69.0	RG-53	0.5959	16.0	71.0	71.0	71.0
3.30	6.00	893.940	898.212	5.957	62.0	62.0	64.0	64.0	RG-73	0.7849	16.0	71.0	71.0	71.0

— SAMPLE RATE —  
 INDICATED VS. ACTUAL

— DRY GAS METER —  
 VOLUME CORRECTED

ΔH (in. H2O)	Sample Rate (scfm)
0.33	0.308
0.68	0.453
1.10	0.555
1.90	0.780
3.30	1.027

— ORIFICE —  
 VOLUME CORRECTED NOMINAL

V (scf)	V (scf)
5.373	5.316
5.436	5.643
5.654	5.412
5.480	6.109
6.104	6.152

— DRY GAS METER —  
 CALIBRATION FACTOR

Value	Variation
1.0326	0.014
1.0226	0.004
1.0200	0.001
1.009	-0.010
1.009	-0.010

— ORIFICE —  
 CALIBRATION FACTOR

Value	Variation
1.971	0.100
1.879	0.008
1.949	0.079
1.789	-0.104
1.790	-0.081

For Calibration Factor Yd, the ratio of the reading of the calibration meter to the dry gas meter, acceptable tolerance of individual values from the average is +4/-0.2.

For Orifice Calibration Factor AH@, the orifice differential pressure in inches of H2O that equates to 0.75 scfm of air at 68 F and 29.92 inches of Hg, acceptable tolerance of individual values from the average is +4/-0.2.

Average Yd	1.0186
Average AH@	1.8714
Variation of Yds	PASS
Variation of AH@	PASS
Vacuum Criteria	PASS

**Meter Box Pressure Leak Check**

Test Pressure, (in H2O): 6 Should be 5-7 in. H2O  
 Leak Rate, (in H2O/min): 0 Must be zero (manometer level stable for 1 minute)

Test Vacuum, (in. Hg): 25  
 Leak Rate, (scfm): 0 Coarse adjust valve fully open, fine adjust fully closed, sample inlet plugged. Must be zero (meter dial stable for 1 minute)

**Meter Box Vacuum Leak Check**

**Meter Box Thermocouple Readout Calibration Check**

Input Temperature	Allowable Temp. Dev. *	Low	High
30	7	23	37
70	8	62	78
120	9	111	129
250	11	239	267
350	12	338	362
500	14	486	514
700	17	683	717
900	20	880	920

Stack	Probe	Filter	Exit	Aux.
27	27	27	28	28
66	66	67	67	66
117	117	118	117	117
249	248	249	249	117
348	348	348	348	
495				
698				
898				

Make	Omega
Model	CL125
Serial Number	18200736
Cal Date	12/18/2020

\* Reading values must be within 1.5% of reference thermometer values (based on absolute temperature scale) for calibration to be acceptable.

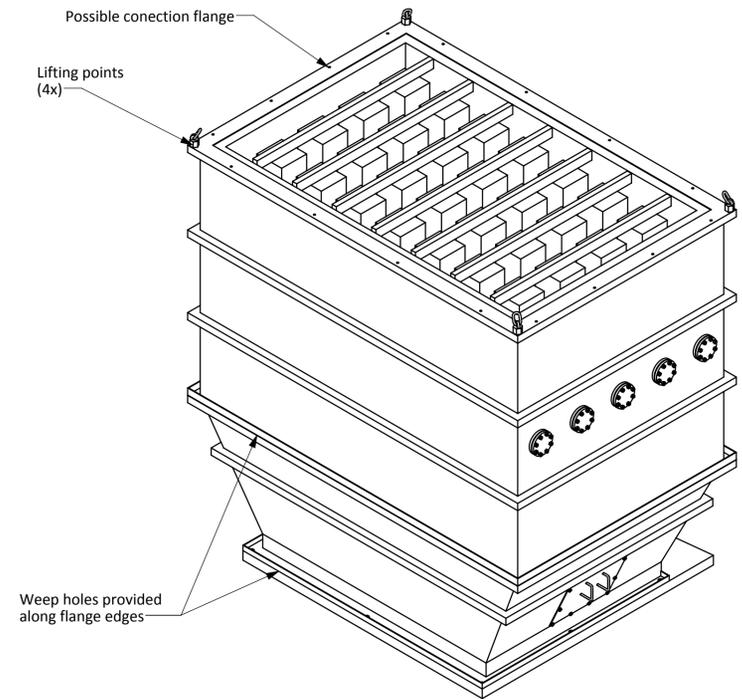
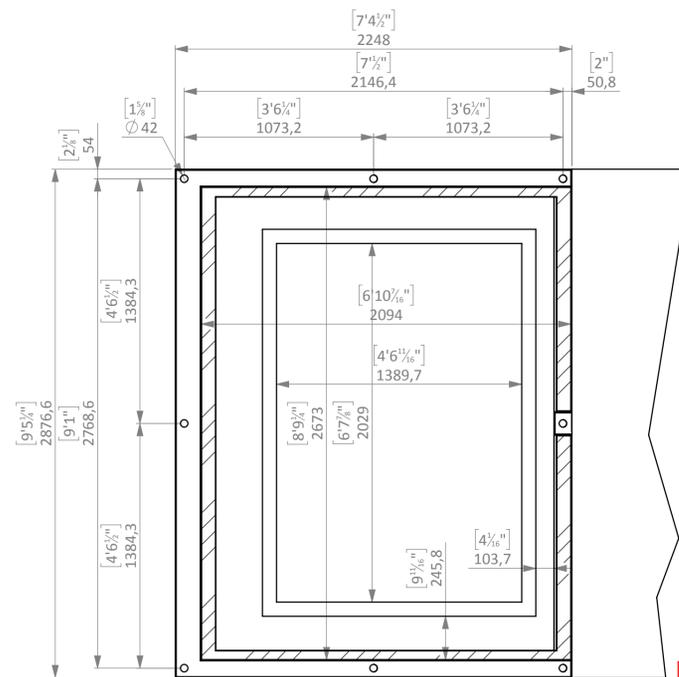
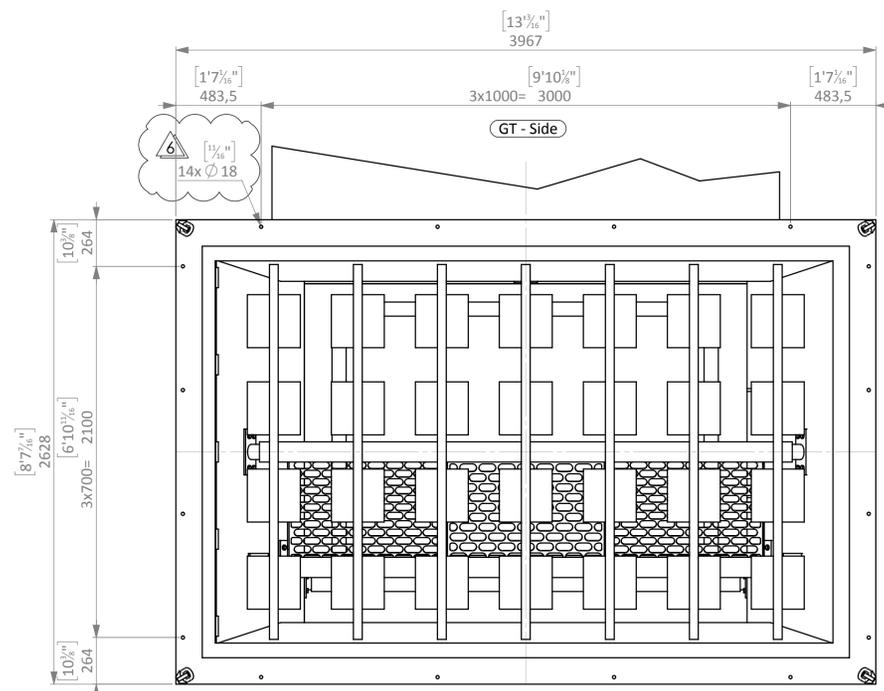
Performed by: \_\_\_\_\_ Name: Raul Moreno  
 Approved by: \_\_\_\_\_ Name: Dan Duncom

Signature: \_\_\_\_\_ Date: 10/15/21  
 Signature: \_\_\_\_\_ Date: 10/15/21

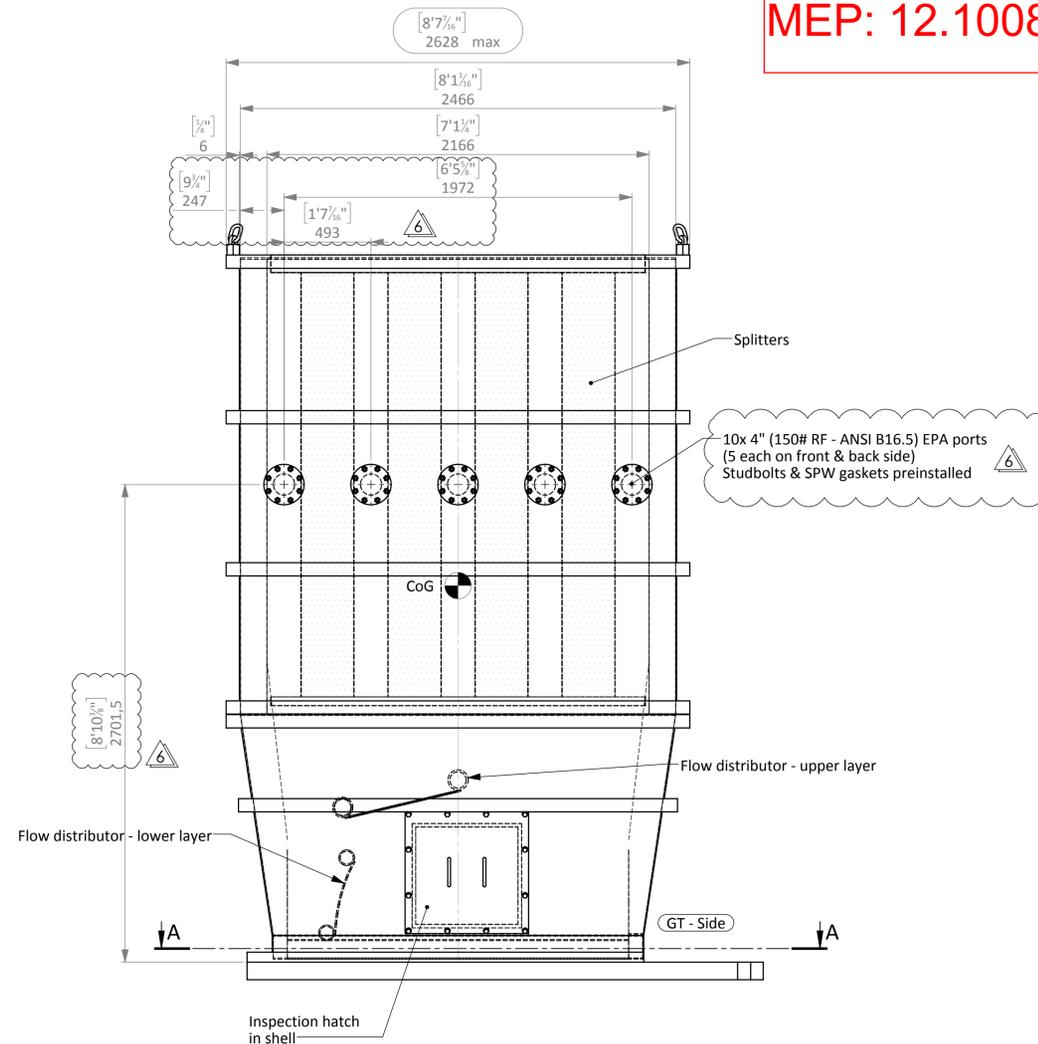
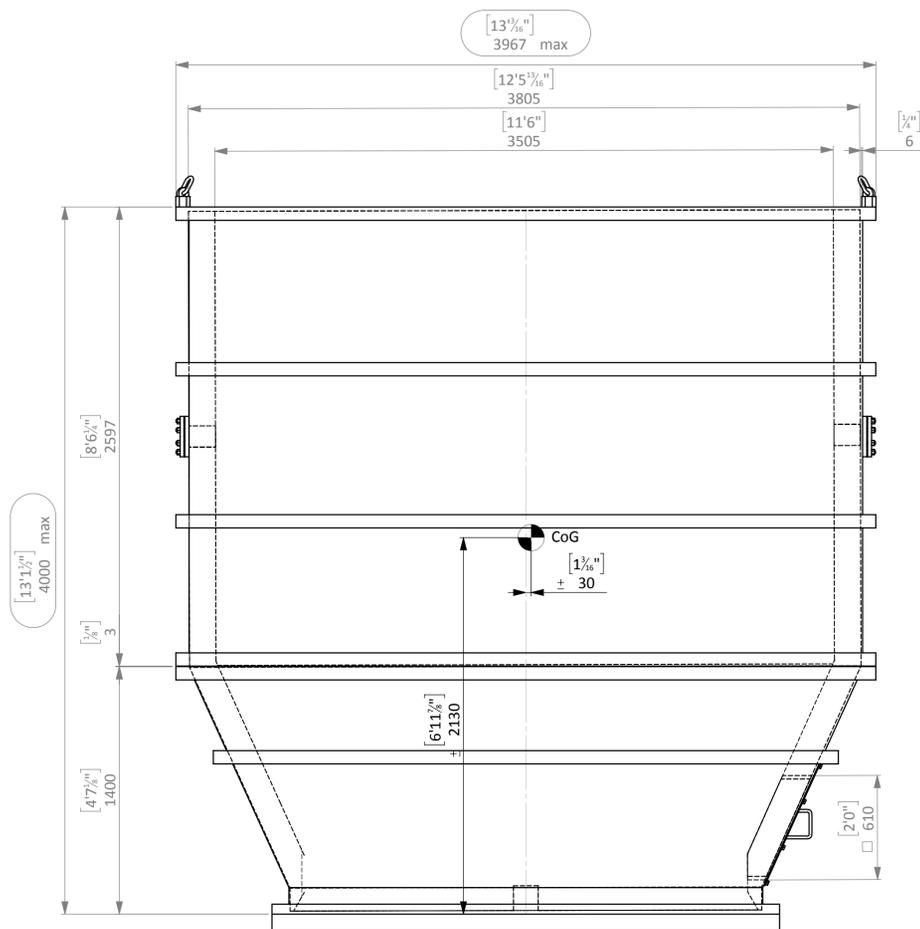
## **APPENDIX B DATA SHEETS**



## **Appendix B.1 Sampling Locations**



**GE P/N: 390A4670P0001**  
**MEP: 12.1008**



- S:  
 - 52x Hexagon bolt, 5/8" UNC L=1 3/4"  
 - 52x Flat washer - type B, 5/8" Regular  
 - 52x Flat washer - type B, 5/8" Narrow  
 - 52x Hexagon nut, 5/8" UNC  
 - 1x Glassfibre gasket (shipped loose, to be installed on site)

Hardware (except for gasket) to be preinstalled on bottom duct

**General:**  
 Max Flow conditions  
 Design flow GT - 232.33 [PPS] / 105.38 [kg/s]  
 Design flow vent - 56.87 [PPS] / 25.80 [kg/s]  
 Design temp GT - 884 [F] / 473 [C]  
 Ambient temp vent - -30 [F] / -34 [C]

**Painting Procedure:**  
 Inside ducting (insulated) &  
 Outside ducted (non-insulated)

Max Velocity conditions  
 Design flow GT - 219.9 [PPS] / 99.74 [kg/s]  
 Design flow vent - 42.7 [PPS] / 19.37 [kg/s]  
 Design temp GT - 1045 [F] / 563 [C]  
 Ambient temp vent - 40 [F] / 4 [C]

- Shotblasting Sa 2 1/2
- Primer: 1 layer Sigmazinc 158 - DFT 75µm
- Top coat: 1 layer Sigmatherm 540 - DFT 25-40µm

**Materials:**  
 Shell - S355, t=6mm  
 Internal lining - AISI 409, t=2-3mm  
 Splitterframe - AISI 409, t=2mm  
 Perforated sheet - AISI 409, t=1 1/2mm  
 Wool (inside insulation) - Basaltwool 120kg/m³  
 Wool (splitters) - Basaltwool 100kg/m³ (minimum)

- Reference Drawings:**
- 021 - Transport & Lifting plan
  - 100 - Assembly drawing
  - 200 - Shell bottom duct - production
  - 210 - Inspection hatch bottom duct - production
  - 220 - Internal insulation bottom duct - production
  - 300 - Shell top duct - production
  - 310 - Internal insulation top duct - production
  - 400 - Flow distributor - production
  - 500 - Silencer splitter & supports - production

**Estimated weight:**  
 Top duct (excl. splitters) - ± 3250kg  
 Splitters - ± 2500kg  
 Bottom duct - ± 2250kg  
 Total - ± 8000kg

Rev.:	Date:	Reason for issue:	By:	Chkd:	Appd:
6	29/08/16	Client Comments	MSm	Clo	MPo
5	12/07/16	As Built	MSm	Clo	MPo
4	10/06/16	Final	MSm	Clo	MPo
3	09/06/16	Client Comments	MSm	Clo	MPo
2	01/06/16	Revised Flowplates	MSm	Clo	MPo
1	15/04/16	Adjusted for DDR phase	MSm	Clo	MPo

General tolerances according to:

Drawn by:	Date:	Customer:
MSm	30/03/16	GE Packaged Power, L.P.
Checked by:	Approved by:	MPo
Clo	MPo	
Drawing No.:	Revision:	Title:
020	06	General Arrangement General Arrangement DDR PHASE
Sheet 1 of 1	Scale:	
Am.Proj.	Scale:	1:20
Order no.:	12-1008	

**DAHLMAN**

Royal Dahman  
 Noorder 6-8, 3144 DR Maassluis  
 P.O. box 418, 3146 AC Maassluis  
 The Netherlands  
 Phone: +31 (0)10 5991111  
 Fax: +31 (0)10 5991100

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**40 CFR Part 75 Sample Point Selection and Stratification Check**


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Client:	GE Power	Test Date:	9/21/2021
Facility:	Green Leaf 1	Operator:	Tom Cassin
Source:	TM 2500 GT 2		
Test Location:	Stack		
Condition/Load:	Base		
Project Number:	PROJ-011221		

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**Sample Location Information**


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Shape of Sample Location	Rectangular	Port Length:	6.50
Depth:	11.60 Ft.		
Width:	7.10 Ft.		

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**Performance Specification 2 Traverse Point Guidance**


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Is the test location downstream of wet scrubbers  
 or at points where two streams with different pollutant concentrations are combined? **No**

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**Calculated Sample Points**


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Short Line Points With Port Length Added		Long Line Points (16.7, 50.0, and 83.3%)	
Point	Point Distance (in.)	Point	Point Distance (in.)
1	85.25	1	122.45
2	53.75	2	76.10
3	22.25	3	29.75

Alt Method 1 Short Line Points With Port Length Added		Method 1 Points - Six (6) Per Port - Round With Port Length Added	
Point	Point Distance (in.)		
1	47.7	1	139.6
2	26.8	2	125.4
3	12.6	3	104.5
		4	47.7
		5	26.8
		6	12.6

## **Appendix B.2 Plant Process Data**

**GE Trend Test 1 Unit 1**

DATETIME	MW	TE_2024	PGASA	TE_2037	PT_2074A	FT_2003	FT_2000
#!Min	10	0	410	400	-100	-100	800
#!Max	50	100	480	900	300	500	1700
#!Units	MW	F	psig	F		gpm	ACFM

#!Description	MW SELECT	FUEL SUPPLY TEMPERATURE A	GAS FUEL SUPPLY PRESSURE	DE-MIN WATER SUPPLY TEMP(x10)	DE-MIN WATER SUPPLY PRESS(x10)	NOX WATER INJECTION FLOW(x10)	GAS FLOW FT2000(x10)
10:26:22 AM	32.2455	742	497.9292	831	659	393	1431
10:26:52 AM	32.2455	743	498.0047	830	657	393	1432
10:27:22 AM	32.2455	744	498.0497	830	658	393	1433
10:27:51 AM	32.2455	743	498.0165	831	664	393	1432
10:28:21 AM	32.2455	744	498.4251	831	664	392	1429
10:28:51 AM	32.121	744	498.4171	830	656	393	1428
10:29:21 AM	32.121	745	498.6143	830	660	393	1424
10:29:50 AM	32.121	744	498.7681	831	657	393	1425
10:30:20 AM	32.2455	745	498.2302	831	657	392	1426
10:30:50 AM	32.121	746	498.4621	831	655	392	1427
10:31:20 AM	32.2455	746	498.5865	831	658	393	1426
10:31:49 AM	32.2455	747	498.3599	831	657	392	1431
10:32:19 AM	32.121	747	498.5045	831	658	392	1427
10:32:49 AM	32.121	747	498.4556	831	652	392	1428
10:33:18 AM	31.9965	748	499.0446	831	649	392	1423
10:33:48 AM	32.121	748	498.4865	831	660	393	1428
10:34:18 AM	32.121	749	498.263	831	656	393	1429
10:34:48 AM	32.121	749	498.2328	831	659	393	1431
10:35:17 AM	32.121	749	498.4431	831	648	392	1429
10:35:47 AM	32.121	749	497.9402	831	649	393	1437
10:36:17 AM	32.121	750	497.6618	831	655	393	1447
10:36:46 AM	32.121	750	496.7661	831	659	395	1461
10:37:16 AM	32.121	750	495.7647	831	663	395	1476
10:37:46 AM	32.121	750	494.4777	831	662	397	1499
10:38:16 AM	32.121	751	492.6962	830	662	399	1530
10:38:45 AM	31.9965	752	490.8495	830	653	400	1551
10:39:15 AM	31.9965	752	489.041	830	653	400	1574
10:39:45 AM	31.872	752	487.0768	830	656	400	1606
10:40:14 AM	31.623	752	486.685	830	662	401	1613
10:40:44 AM	31.374	753	486.7064	830	657	401	1618
10:41:14 AM	31.374	753	486.5667	830	659	400	1619
10:41:44 AM	31.4985	753	486.7239	830	660	401	1618
10:42:13 AM	31.374	754	486.8505	830	657	401	1620
10:42:43 AM	31.374	754	486.8627	830	659	401	1620
10:43:13 AM	31.4985	754	487.1126	830	660	400	1616
10:43:43 AM	31.7475	754	487.1115	831	657	401	1615
10:44:12 AM	31.7475	755	487.0317	830	659	400	1615
10:44:42 AM	31.872	756	487.385	830	652	400	1614
10:45:12 AM	31.872	756	488.1693	831	654	400	1599
10:45:41 AM	31.9965	756	489.0569	831	658	400	1583
10:46:11 AM	31.872	756	490.1136	831	654	400	1568
10:46:41 AM	31.9965	756	490.027	831	657	400	1569
10:46:41 AM	31.9965	756	490.027	831	657	400	1569
10:47:11 AM	32.121	757	490.4112	831	654	400	1566
10:47:40 AM	31.9965	757	491.1669	831	651	400	1555
10:48:10 AM	31.9965	758	491.9897	831	652	399	1543
10:48:40 AM	32.121	758	493.0853	831	656	398	1528
10:49:09 AM	32.121	758	494.2949	831	649	398	1510
10:49:39 AM	32.121	758	495.3649	831	661	396	1494
10:50:09 AM	31.9965	759	496.3835	832	660	395	1477
10:50:39 AM	32.121	759	497.1998	832	650	394	1464
10:51:08 AM	31.872	760	498.3293	832	661	393	1447
10:51:38 AM	31.872	760	499.0942	832	662	393	1439
10:52:08 AM	31.9965	760	499.1724	832	657	392	1431

10:52:38 AM	31.872	760	499.3456	832	663	392	1430
10:53:07 AM	31.872	761	499.7805	832	658	392	1422
10:53:37 AM	31.7475	761	499.7633	833	662	392	1421
10:54:07 AM	31.7475	762	500.0414	833	652	392	1421
10:54:36 AM	31.7475	762	500.3439	833	649	392	1419
10:55:06 AM	31.872	762	499.9014	833	655	392	1423
10:55:36 AM	31.872	763	499.8957	833	662	392	1419
10:56:06 AM	31.872	763	500.054	833	659	392	1422
10:56:35 AM	31.7475	762	500.189	833	653	392	1417
10:57:05 AM	31.623	763	500.7646	832	658	392	1412
10:57:35 AM	31.623	764	500.8436	833	659	391	1409
10:58:04 AM	31.7475	764	500.7543	833	659	392	1415
10:58:34 AM	31.623	764	501.0012	833	647	391	1409
10:59:04 AM	31.623	765	500.91	833	659	391	1408
10:59:34 AM	31.623	765	501.1591	834	659	391	1409
11:00:03 AM	31.623	765	501.4379	834	655	391	1407
11:00:33 AM	31.623	766	501.4425	834	656	391	1411
11:01:03 AM	31.7475	766	501.0759	834	651	392	1414
11:01:32 AM	31.872	766	501.2098	833	652	392	1415
11:02:02 AM	31.623	766	501.5474	834	662	392	1411
11:02:32 AM	31.4985	767	501.8301	834	658	391	1406
11:03:02 AM	31.4985	767	501.6691	834	649	390	1404
11:03:31 AM	31.4985	768	502.0731	833	654	391	1403
11:04:01 AM	31.623	768	501.6115	834	654	391	1408
11:04:31 AM	31.623	768	501.6775	834	656	391	1408
11:05:01 AM	31.4985	768	501.8331	834	651	391	1404
11:05:30 AM	31.623	769	501.7683	834	654	391	1407
11:06:00 AM	31.623	769	501.3788	834	660	391	1407
11:06:30 AM	31.623	770	501.5822	834	654	392	1410
11:06:59 AM	31.623	770	501.4543	835	658	391	1407
11:07:29 AM	31.623	770	501.4857	835	654	391	1409
11:07:59 AM	31.623	771	501.5173	834	663	392	1410
11:08:29 AM	31.623	771	501.3884	835	654	392	1413
11:08:58 AM	31.4985	771	501.7843	834	657	391	1407
11:09:28 AM	31.7475	772	501.2812	834	666	392	1419
11:09:58 AM	31.623	772	500.8463	834	658	392	1423
11:10:27 AM	31.623	772	500.6044	834	662	393	1428
11:10:27 AM	31.623	772	500.6044	834	659	393	1428
11:10:57 AM	31.623	773	499.1968	834	659	393	1453
11:11:27 AM	31.4985	774	497.4737	834	655	395	1479
11:11:57 AM	31.623	773	496.1794	834	659	397	1501
11:12:26 AM	31.4985	774	496.1744	833	653	397	1500
11:12:56 AM	31.623	774	497.6133	834	659	395	1479
11:13:26 AM	31.623	774	498.4106	834	652	394	1458
11:13:55 AM	31.4985	775	499.3666	834	660	393	1442
11:14:25 AM	31.4985	775	500.6124	834	658	392	1422
11:14:55 AM	31.4985	775	500.9935	834	663	392	1417
11:15:25 AM	31.4985	776	501.2487	834	660	391	1414
11:15:54 AM	31.4985	776	501.6676	835	652	391	1408
11:16:24 AM	31.374	776	502.0029	835	661	390	1405
11:16:54 AM	31.2495	776	502.1642	835	664	390	1398
11:17:24 AM	31.125	776	502.9093	835	656	389	1393
11:17:53 AM	31.2495	777	502.4019	835	655	390	1399
11:18:23 AM	31.125	777	502.7193	835	654	389	1392
11:18:53 AM	31.125	778	502.8994	835	663	389	1392
11:19:22 AM	31.2495	778	502.9241	836	662	390	1392
11:19:52 AM	31.374	779	502.6259	836	644	390	1401
11:20:22 AM	31.2495	779	502.6098	835	659	390	1399
11:20:52 AM	31.4985	779	502.2566	835	654	391	1408
11:21:21 AM	31.374	780	502.1845	835	656	391	1405
11:21:51 AM	31.374	779	502.3676	835	655	391	1404
11:22:21 AM	31.374	780	502.632	836	651	391	1403
11:22:50 AM	31.374	780	502.4328	835	656	391	1404
11:23:20 AM	31.4985	780	502.2444	835	658	390	1404
11:23:50 AM	31.374	781	502.3443	836	667	390	1405

11:24:20 AM	31.125	781	502.7624	835	651	390	1395
11:24:49 AM	31.4985	781	502.038	836	650	391	1405
11:25:19 AM	31.374	782	502.2688	835	658	391	1404
11:25:49 AM	31.374	783	502.6003	835	656	390	1403
11:26:18 AM	31.374	782	502.5823	835	660	391	1401
11:26:48 AM	31.2495	783	502.9413	836	665	390	1397
11:27:18 AM	31.2495	783	502.8494	835	654	390	1395
11:27:48 AM	31.2495	783	503.0653	836	652	390	1397
11:28:17 AM	31.125	784	502.7285	836	653	390	1397
11:28:47 AM	31.2495	784	502.6423	835	661	390	1398
11:29:17 AM	31.125	784	502.9627	835	645	390	1393
11:29:47 AM	31.2495	784	502.6033	836	660	390	1395
11:30:16 AM	31.0005	785	502.8742	836	656	389	1392
11:30:46 AM	31.125	785	503.1458	836	652	389	1391
11:31:16 AM	31.0005	786	503.0882	836	660	389	1391
11:31:45 AM	31.2495	786	502.5808	836	657	390	1397
11:32:15 AM	31.2495	787	502.83	836	662	390	1397
11:32:45 AM	31.0005	787	503.0489	836	653	389	1389
11:33:15 AM	31.125	787	503.0924	836	652	389	1394
11:33:44 AM	31.125	787	502.656	836	655	390	1397
11:34:14 AM	31.2495	788	502.6846	836	658	390	1399
11:34:14 AM	31.2495	788	502.6846	836	655	390	1399
11:34:44 AM	31.125	788	502.6209	837	653	390	1397
11:35:13 AM	31.2495	788	502.4016	836	643	390	1398
11:35:43 AM	31.0005	789	502.701	836	653	388	1389
11:36:13 AM	31.0005	790	503.2137	836	654	388	1388
11:36:43 AM	31.0005	789	503.1874	837	654	389	1389
11:37:12 AM	31.0005	790	503.0104	837	656	389	1393
11:37:42 AM	31.0005	791	502.8387	837	654	389	1393
11:38:12 AM	30.876	791	503.0947	836	655	388	1389
11:38:42 AM	30.876	791	503.3091	837	657	386	1383
11:39:11 AM	30.876	791	503.1718	838	651	387	1385
11:39:41 AM	30.876	792	503.4926	838	659	384	1380
11:40:11 AM	31.0005	792	502.8521	838	659	389	1390
11:40:40 AM	31.0005	792	502.6781	837	657	389	1391
11:41:10 AM	30.876	793	503.2389	837	657	386	1384
11:41:40 AM	30.7515	793	503.7791	838	646	383	1380
11:42:10 AM	30.876	793	503.6814	838	652	386	1385
11:42:39 AM	31.0005	794	503.0996	838	656	389	1388
11:43:09 AM	30.876	794	503.5719	838	659	387	1384
11:43:39 AM	30.876	795	503.5887	838	660	387	1384
11:44:08 AM	31.0005	795	503.2545	838	655	389	1391
11:44:38 AM	31.125	795	502.7166	837	657	389	1394
11:45:08 AM	31.0005	795	503.1813	837	650	389	1395
11:45:38 AM	31.0005	795	503.5197	837	656	388	1391
11:46:07 AM	31.125	796	502.9978	837	641	389	1393
11:46:37 AM	30.876	796	503.6097	837	657	387	1386
11:47:07 AM	30.876	796	503.9186	838	658	384	1381
11:47:36 AM	30.627	797	504.5466	839	652	377	1374
11:48:06 AM	30.627	797	504.6107	839	656	381	1378
11:48:36 AM	30.7515	797	504.3093	839	660	379	1375
11:49:06 AM	30.7515	798	504.5206	839	660	381	1378
11:49:35 AM	30.876	798	504.04	840	658	385	1381
11:50:05 AM	30.876	799	504.3093	839	654	385	1382
11:50:35 AM	30.876	799	504.8391	839	653	382	1379
11:51:05 AM	30.7515	799	504.8201	839	657	378	1374
11:51:34 AM	30.7515	800	504.2333	840	663	381	1378
11:52:04 AM	30.876	800	504.1792	840	651	384	1380
11:52:34 AM	30.7515	800	504.4302	839	651	383	1382
11:53:03 AM	30.7515	801	504.923	839	662	382	1379
11:53:33 AM	30.7515	801	505.0444	840	655	380	1375
11:54:03 AM	31.0005	802	504.381	839	652	387	1384
11:54:33 AM	31.0005	802	504.3997	839	650	386	1383
11:55:02 AM	31.0005	802	504.2357	839	660	387	1387
11:55:32 AM	31.0005	803	504.106	839	659	388	1385

11:56:02 AM	31.0005	802	504.1357	839	659	387	1384
11:56:31 AM	30.876	803	504.5374	839	654	385	1383
11:57:01 AM	30.876	804	504.3993	839	649	384	1381
11:57:31 AM	30.7515	803	505.168	840	660	376	1371
11:58:01 AM	30.627	804	505.1832	840	651	375	1370
11:58:01 AM	30.627	804	505.1832	840	651	375	1370
11:58:30 AM	30.7515	804	505.1351	841	658	379	1375
<b>Average</b>	<b>31.46591</b>	<b>773.6649215</b>	<b>499.96925</b>	<b>834.41885</b>	<b>656.20942</b>	<b>390.94764</b>	<b>1430.560209</b>



Montrose corrected - GE Trend Test 1 Unit 1

ACFM	SCFM(68F)	lb/sec	lb/sec	ND	BTU/SCF (68F)	MM BTU/Hr	BTU/KWH	
GAS FLOW	GAS FLOW	Gas Flow	NOX WATER INJECTION FLOW	Water/Fuel Ratio	HHV	Heat Input	Kw	Heat Rate
143.1	4,990	3.78	5.466	1.447	1,064	318	32,246	9,876
143.2	4,995	3.78	5.466	1.445	1,064	319	32,246	9,885
143.3	4,998	3.78	5.466	1.444	1,064	319	32,246	9,892
143.2	4,995	3.78	5.466	1.445	1,064	319	32,246	9,885
142.9	4,988	3.78	5.452	1.444	1,064	318	32,246	9,872
142.8	4,985	3.77	5.466	1.448	1,064	318	32,121	9,903
142.4	4,973	3.76	5.466	1.452	1,064	317	32,121	9,879
142.5	4,977	3.77	5.466	1.450	1,064	318	32,121	9,889
142.6	4,976	3.77	5.452	1.447	1,064	318	32,246	9,848
142.7	4,982	3.77	5.452	1.445	1,064	318	32,121	9,897
142.6	4,979	3.77	5.466	1.450	1,064	318	32,246	9,854
143.1	4,994	3.78	5.452	1.442	1,064	319	32,246	9,885
142.7	4,982	3.77	5.452	1.445	1,064	318	32,121	9,898
142.8	4,985	3.77	5.452	1.444	1,064	318	32,121	9,904
142.3	4,973	3.77	5.452	1.448	1,064	317	31,997	9,919
142.8	4,985	3.77	5.466	1.448	1,064	318	32,121	9,905
142.9	4,987	3.78	5.466	1.448	1,064	318	32,121	9,907
143.1	4,993	3.78	5.466	1.446	1,064	319	32,121	9,920
142.9	4,988	3.78	5.452	1.444	1,064	318	32,121	9,911
143.7	5,011	3.79	5.466	1.441	1,064	320	32,121	9,956
144.7	5,043	3.82	5.466	1.431	1,064	322	32,121	10,020
146.1	5,083	3.85	5.494	1.427	1,064	324	32,121	10,099
147.6	5,125	3.88	5.494	1.416	1,064	327	32,121	10,183
149.9	5,192	3.93	5.522	1.405	1,064	331	32,121	10,316
153.0	5,281	4.00	5.549	1.388	1,064	337	32,121	10,492
155.1	5,334	4.04	5.563	1.378	1,064	340	31,997	10,639
157.4	5,394	4.08	5.563	1.362	1,064	344	31,997	10,758
160.6	5,482	4.15	5.563	1.340	1,064	350	31,872	10,977
161.3	5,502	4.17	5.577	1.339	1,064	351	31,623	11,103
161.8	5,519	4.18	5.577	1.335	1,064	352	31,374	11,226
161.9	5,521	4.18	5.563	1.331	1,064	352	31,374	11,230
161.8	5,519	4.18	5.577	1.335	1,064	352	31,499	11,182
162.0	5,527	4.19	5.577	1.333	1,064	353	31,374	11,243
162.0	5,527	4.19	5.577	1.333	1,064	353	31,374	11,243
161.6	5,517	4.18	5.563	1.332	1,064	352	31,499	11,177
161.5	5,513	4.17	5.577	1.336	1,064	352	31,748	11,082
161.5	5,512	4.17	5.563	1.333	1,064	352	31,748	11,080
161.4	5,513	4.17	5.563	1.333	1,064	352	31,872	11,038
159.9	5,470	4.14	5.563	1.343	1,064	349	31,872	10,953
158.3	5,425	4.11	5.563	1.354	1,064	346	31,997	10,820
156.8	5,385	4.08	5.563	1.365	1,064	344	31,872	10,782
156.9	5,387	4.08	5.563	1.364	1,064	344	31,997	10,745
156.9	5,387	4.08	5.563	1.364	1,064	344	31,997	10,745
156.6	5,381	4.07	5.563	1.365	1,064	343	32,121	10,691
155.5	5,351	4.05	5.563	1.373	1,064	341	31,997	10,673
154.3	5,319	4.03	5.549	1.378	1,064	339	31,997	10,608
152.8	5,278	4.00	5.536	1.385	1,064	337	32,121	10,487
151.0	5,228	3.96	5.536	1.398	1,064	334	32,121	10,388
149.4	5,184	3.93	5.508	1.403	1,064	331	32,121	10,299
147.7	5,135	3.89	5.494	1.413	1,064	328	31,997	10,242
146.4	5,098	3.86	5.480	1.420	1,064	325	32,121	10,129
144.7	5,050	3.82	5.466	1.430	1,064	322	31,872	10,112
143.9	5,030	3.81	5.466	1.435	1,064	321	31,872	10,071
143.1	5,002	3.79	5.452	1.439	1,064	319	31,997	9,977

143.0	5,001	3.79	5.452	1.440	1,064	319	31,872	10,013
142.2	4,977	3.77	5.452	1.447	1,064	318	31,872	9,965
142.1	4,973	3.77	5.452	1.448	1,064	317	31,748	9,997
142.1	4,976	3.77	5.452	1.447	1,064	318	31,748	10,002
141.9	4,972	3.76	5.452	1.448	1,064	317	31,748	9,994
142.3	4,981	3.77	5.452	1.446	1,064	318	31,872	9,974
141.9	4,967	3.76	5.452	1.450	1,064	317	31,872	9,946
142.2	4,979	3.77	5.452	1.446	1,064	318	31,872	9,970
141.7	4,963	3.76	5.452	1.451	1,064	317	31,748	9,977
141.2	4,951	3.75	5.452	1.454	1,064	316	31,623	9,992
140.9	4,942	3.74	5.438	1.453	1,064	315	31,623	9,972
141.5	4,962	3.76	5.452	1.451	1,064	317	31,748	9,974
140.9	4,943	3.74	5.438	1.453	1,064	315	31,623	9,975
140.8	4,939	3.74	5.438	1.454	1,064	315	31,623	9,966
140.9	4,945	3.74	5.438	1.453	1,064	316	31,623	9,978
140.7	4,940	3.74	5.438	1.454	1,064	315	31,623	9,970
141.1	4,954	3.75	5.438	1.450	1,064	316	31,623	9,998
141.4	4,961	3.76	5.452	1.451	1,064	317	31,748	9,973
141.5	4,966	3.76	5.452	1.450	1,064	317	31,872	9,944
141.1	4,955	3.75	5.452	1.453	1,064	316	31,623	10,000
140.6	4,940	3.74	5.438	1.454	1,064	315	31,499	10,009
140.4	4,932	3.73	5.424	1.453	1,064	315	31,499	9,992
140.3	4,932	3.73	5.438	1.456	1,064	315	31,499	9,993
140.8	4,945	3.74	5.438	1.452	1,064	316	31,623	9,980
140.8	4,946	3.74	5.438	1.452	1,064	316	31,623	9,981
140.4	4,933	3.74	5.438	1.456	1,064	315	31,499	9,995
140.7	4,943	3.74	5.438	1.453	1,064	315	31,623	9,976
140.7	4,940	3.74	5.438	1.454	1,064	315	31,623	9,968
141.0	4,952	3.75	5.452	1.454	1,064	316	31,623	9,994
140.7	4,940	3.74	5.438	1.454	1,064	315	31,623	9,970
140.9	4,948	3.75	5.438	1.452	1,064	316	31,623	9,985
141.0	4,951	3.75	5.452	1.454	1,064	316	31,623	9,992
141.3	4,961	3.76	5.452	1.452	1,064	317	31,623	10,011
140.7	4,943	3.74	5.438	1.453	1,064	315	31,499	10,016
141.9	4,981	3.77	5.452	1.446	1,064	318	31,748	10,012
142.3	4,991	3.78	5.452	1.443	1,064	318	31,623	10,071
142.8	5,006	3.79	5.466	1.442	1,064	319	31,623	10,102
142.8	5,006	3.79	5.466	1.442	1,064	319	31,623	10,102
145.3	5,080	3.85	5.466	1.421	1,064	324	31,623	10,251
147.9	5,153	3.90	5.494	1.408	1,064	329	31,499	10,440
150.1	5,217	3.95	5.522	1.398	1,064	333	31,623	10,527
150.0	5,213	3.95	5.522	1.399	1,064	333	31,499	10,562
147.9	5,154	3.90	5.494	1.408	1,064	329	31,623	10,402
145.8	5,089	3.85	5.480	1.422	1,064	325	31,623	10,270
144.2	5,043	3.82	5.466	1.432	1,064	322	31,499	10,217
142.2	4,985	3.77	5.452	1.445	1,064	318	31,499	10,099
141.7	4,971	3.76	5.452	1.449	1,064	317	31,499	10,071
141.4	4,963	3.76	5.438	1.447	1,064	317	31,499	10,055
140.8	4,946	3.74	5.438	1.452	1,064	316	31,499	10,021
140.5	4,939	3.74	5.424	1.451	1,064	315	31,374	10,045
139.8	4,915	3.72	5.424	1.457	1,064	314	31,250	10,038
139.3	4,905	3.71	5.410	1.457	1,064	313	31,125	10,057
139.9	4,921	3.73	5.424	1.456	1,064	314	31,250	10,050
139.2	4,900	3.71	5.410	1.458	1,064	313	31,125	10,046
139.2	4,901	3.71	5.410	1.458	1,064	313	31,125	10,049
139.2	4,902	3.71	5.424	1.462	1,064	313	31,250	10,010
140.1	4,930	3.73	5.424	1.453	1,064	315	31,374	10,029
139.9	4,923	3.73	5.424	1.455	1,064	314	31,250	10,054
140.8	4,952	3.75	5.438	1.451	1,064	316	31,499	10,032
140.5	4,940	3.74	5.438	1.454	1,064	315	31,374	10,049
140.4	4,939	3.74	5.438	1.454	1,064	315	31,374	10,045
140.3	4,938	3.74	5.438	1.455	1,064	315	31,374	10,043
140.4	4,939	3.74	5.438	1.454	1,064	315	31,374	10,047
140.4	4,937	3.74	5.424	1.451	1,064	315	31,499	10,003
140.5	4,942	3.74	5.424	1.450	1,064	315	31,374	10,052

139.5	4,911	3.72	5.424	1.459	1,064	313	31,125	10,068
140.5	4,939	3.74	5.438	1.454	1,064	315	31,499	10,006
140.4	4,938	3.74	5.438	1.455	1,064	315	31,374	10,043
140.3	4,937	3.74	5.424	1.451	1,064	315	31,374	10,043
140.1	4,930	3.73	5.438	1.457	1,064	315	31,374	10,028
139.7	4,919	3.72	5.424	1.456	1,064	314	31,250	10,046
139.5	4,911	3.72	5.424	1.459	1,064	313	31,250	10,030
139.7	4,921	3.73	5.424	1.456	1,064	314	31,250	10,049
139.7	4,917	3.72	5.424	1.457	1,064	314	31,125	10,082
139.8	4,920	3.73	5.424	1.456	1,064	314	31,250	10,048
139.3	4,905	3.71	5.424	1.460	1,064	313	31,125	10,058
139.5	4,909	3.72	5.424	1.459	1,064	313	31,250	10,025
139.2	4,901	3.71	5.410	1.458	1,064	313	31,001	10,089
139.1	4,900	3.71	5.410	1.458	1,064	313	31,125	10,047
139.1	4,900	3.71	5.410	1.458	1,064	313	31,001	10,086
139.7	4,916	3.72	5.424	1.457	1,064	314	31,250	10,039
139.7	4,918	3.72	5.424	1.457	1,064	314	31,250	10,044
138.9	4,892	3.70	5.410	1.461	1,064	312	31,001	10,071
139.4	4,910	3.72	5.410	1.455	1,064	313	31,125	10,068
139.7	4,917	3.72	5.424	1.457	1,064	314	31,125	10,081
139.9	4,924	3.73	5.424	1.455	1,064	314	31,250	10,056
139.9	4,924	3.73	5.424	1.455	1,064	314	31,250	10,056
139.7	4,916	3.72	5.424	1.457	1,064	314	31,125	10,080
139.8	4,918	3.72	5.424	1.457	1,064	314	31,250	10,043
138.9	4,889	3.70	5.396	1.458	1,064	312	31,001	10,064
138.8	4,890	3.70	5.396	1.457	1,064	312	31,001	10,067
138.9	4,894	3.71	5.410	1.460	1,064	312	31,001	10,074
139.3	4,906	3.71	5.410	1.457	1,064	313	31,001	10,099
139.3	4,904	3.71	5.410	1.457	1,064	313	31,001	10,096
138.9	4,893	3.70	5.396	1.457	1,064	312	30,876	10,112
138.3	4,874	3.69	5.369	1.455	1,064	311	30,876	10,073
138.5	4,879	3.69	5.383	1.457	1,064	311	30,876	10,085
138.0	4,865	3.68	5.341	1.450	1,064	310	30,876	10,055
139.0	4,894	3.71	5.410	1.460	1,064	312	31,001	10,074
139.1	4,896	3.71	5.410	1.460	1,064	312	31,001	10,078
138.4	4,876	3.69	5.369	1.454	1,064	311	30,876	10,079
138.0	4,867	3.69	5.327	1.445	1,064	311	30,752	10,101
138.5	4,884	3.70	5.369	1.452	1,064	312	30,876	10,095
138.8	4,889	3.70	5.410	1.462	1,064	312	31,001	10,065
138.4	4,880	3.69	5.383	1.457	1,064	311	30,876	10,085
138.4	4,880	3.69	5.383	1.457	1,064	311	30,876	10,086
139.1	4,901	3.71	5.410	1.458	1,064	313	31,001	10,089
139.4	4,907	3.72	5.410	1.456	1,064	313	31,125	10,060
139.5	4,915	3.72	5.410	1.454	1,064	314	31,001	10,117
139.1	4,904	3.71	5.396	1.453	1,064	313	31,001	10,095
139.3	4,906	3.71	5.410	1.457	1,064	313	31,125	10,059
138.6	4,887	3.70	5.383	1.455	1,064	312	30,876	10,101
138.1	4,872	3.69	5.341	1.448	1,064	311	30,876	10,070
137.4	4,853	3.67	5.243	1.427	1,064	310	30,627	10,113
137.8	4,868	3.69	5.299	1.438	1,064	311	30,627	10,144
137.5	4,855	3.68	5.271	1.434	1,064	310	30,752	10,075
137.8	4,867	3.69	5.299	1.438	1,064	311	30,752	10,101
138.1	4,873	3.69	5.355	1.451	1,064	311	30,876	10,073
138.2	4,879	3.69	5.355	1.449	1,064	311	30,876	10,085
137.9	4,874	3.69	5.313	1.440	1,064	311	30,876	10,074
137.4	4,856	3.68	5.257	1.430	1,064	310	30,752	10,077
137.8	4,865	3.68	5.299	1.439	1,064	310	30,752	10,095
138.0	4,871	3.69	5.341	1.448	1,064	311	30,876	10,068
138.2	4,881	3.70	5.327	1.442	1,064	311	30,752	10,128
137.9	4,875	3.69	5.313	1.440	1,064	311	30,752	10,116
137.5	4,862	3.68	5.285	1.436	1,064	310	30,752	10,089
138.4	4,887	3.70	5.383	1.455	1,064	312	31,001	10,061
138.3	4,884	3.70	5.369	1.452	1,064	312	31,001	10,054
138.7	4,896	3.71	5.383	1.452	1,064	312	31,001	10,080
138.5	4,888	3.70	5.396	1.458	1,064	312	31,001	10,062

138.4	4,885	3.70	5.383	1.455	1,064	312	31,001	10,056
138.3	4,885	3.70	5.355	1.448	1,064	312	30,876	10,097
138.1	4,877	3.69	5.341	1.446	1,064	311	30,876	10,080
137.1	4,849	3.67	5.230	1.425	1,064	309	30,752	10,062
137.0	4,845	3.67	5.216	1.422	1,064	309	30,627	10,096
137.0	4,845	3.67	5.216	1.422	1,064	309	30,627	10,096
137.5	4,862	3.68	5.271	1.432	1,064	310	30,752	10,091
<b>143.056021</b>	<b>5006.549427</b>	<b>3.790725048</b>	<b>5.437430148</b>	<b>1.435547483</b>	<b>1063.616864</b>	<b>319.503024</b>	<b>31465.90838</b>	<b>10153.51927</b>
187643.9801								

Montrose corrected - GE Trend Test 2 Unit 1

DATE TIME	MW	TE_2024	PGASA	TE_2037	PT_2074A	FT_2003	FT_2000
#!Min	10	0	410	400	-100	-100	800
#!Max	50	100	480	900	300	500	1700
#!Units	MW	F	psig	F		gpm	ACFM

#!Description	MW SELECT	FUEL SUPPLY TEMPERATURE A	GAS FUEL SUPPLY PRESSURE	DE-MIN WATER SUPPLY TEMP(x10)	DE-MIN WATER SUPPLY PRESS(x10)	NOX WATER INJECTION FLOW(x10)	GAS FLOW FT2000(x10)
12:19:19 PM	30.5025	814	506.4669	843	663	367	1363
12:19:48 PM	30.5025	815	506.4238	843	659	370	1364
12:20:18 PM	30.627	815	506.3234	844	660	373	1367
12:20:48 PM	30.5025	815	506.7064	844	659	369	1363
12:21:17 PM	30.5025	815	506.6	844	642	368	1362
12:21:47 PM	30.627	816	506.2277	844	654	376	1370
12:21:47 PM	30.627	816	506.2277	844	660	376	1370
12:22:17 PM	30.7515	817	505.9683	843	657	379	1374
12:22:47 PM	30.627	817	506.2856	842	662	375	1369
12:23:16 PM	30.5025	817	506.3303	843	650	371	1365
12:23:46 PM	30.5025	817	506.6431	844	660	369	1363
12:24:16 PM	30.5025	817	506.7106	844	659	370	1364
12:24:46 PM	30.5025	817	506.8422	844	648	367	1360
12:25:15 PM	30.5025	818	506.84	844	658	369	1364
12:25:45 PM	30.5025	818	506.7297	845	649	370	1363
12:26:15 PM	30.5025	818	506.4177	845	661	372	1367
12:26:44 PM	30.378	818	506.909	845	656	367	1360
12:27:14 PM	30.5025	819	506.6469	845	660	368	1362
12:27:44 PM	30.378	819	506.5283	845	659	367	1361
12:28:14 PM	30.5025	819	506.3536	845	638	373	1367
12:28:43 PM	30.378	820	506.5695	845	649	369	1364
12:29:13 PM	30.378	819	506.5195	845	660	368	1363
12:29:43 PM	30.5025	820	506.9075	845	659	368	1363
12:30:12 PM	30.378	821	506.9734	845	662	365	1359
12:30:42 PM	30.129	820	507.7944	845	637	356	1348
12:31:12 PM	30.2535	821	507.3206	847	647	361	1352
12:31:42 PM	30.129	821	507.5887	848	671	355	1347
12:32:11 PM	30.129	822	507.6014	848	652	358	1350
12:32:41 PM	30.0045	822	507.8913	848	665	352	1342
12:33:11 PM	30.129	823	507.9786	849	665	352	1344
12:33:40 PM	30.129	822	507.7112	849	659	356	1350
12:34:10 PM	30.2535	823	507.1905	849	662	360	1352
12:34:40 PM	30.2535	823	507.5114	848	660	361	1353
12:35:10 PM	30.2535	824	507.5884	848	659	359	1352
12:35:39 PM	30.0045	824	508.0141	848	655	353	1345
12:36:09 PM	30.2535	824	507.6193	849	660	359	1350
12:36:39 PM	30.2535	824	507.8089	849	676	358	1352
12:37:09 PM	30.129	825	507.7703	849	657	356	1348
12:37:38 PM	30.129	825	507.9786	849	652	354	1345
12:38:08 PM	30.2535	825	507.6711	849	655	358	1349
12:38:38 PM	30.2535	826	507.279	849	664	363	1357
12:39:07 PM	30.2535	826	507.5582	849	659	362	1357
12:39:37 PM	30.2535	826	507.451	849	677	360	1353
12:40:07 PM	30.2535	827	507.501	849	652	361	1353
12:40:37 PM	30.2535	827	507.9016	849	665	360	1354
12:41:06 PM	30.0045	827	509.0109	849	667	349	1338
12:41:36 PM	30.0045	827	507.8829	850	645	352	1339
12:42:06 PM	30.129	828	507.369	850	651	355	1348
12:42:35 PM	30.2535	828	506.9792	850	660	359	1354
12:43:05 PM	30.2535	828	506.7316	849	660	362	1359
12:43:35 PM	30.378	829	505.8309	849	648	368	1364
12:44:05 PM	30.378	829	506.2342	848	666	370	1366
12:44:34 PM	30.2535	829	506.5733	848	652	361	1358
12:45:04 PM	30.2535	830	506.3127	848	664	363	1358
12:45:34 PM	30.2535	830	506.3341	849	666	359	1354
12:45:34 PM	30.2535	830	506.3482	849	654	359	1354
12:46:03 PM	30.378	830	506.13	849	655	367	1361

12:46:33 PM	30.378	830	506.4482	848	658	364	1362
12:47:03 PM	30.2535	830	506.0786	848	656	363	1359
12:47:33 PM	30.2535	831	506.0308	848	645	367	1362
12:48:02 PM	30.2535	831	506.1361	848	652	360	1355
12:48:32 PM	30.378	831	506.204	848	659	365	1361
12:49:02 PM	30.129	831	506.6164	848	661	359	1356
12:49:32 PM	30.129	831	506.3646	848	645	359	1354
12:50:01 PM	30.129	832	506.4482	849	657	358	1353
12:50:31 PM	30.378	832	505.8977	849	651	368	1365
12:51:01 PM	30.378	832	505.5979	848	640	368	1365
12:51:30 PM	30.378	833	505.1378	848	657	370	1367
12:52:00 PM	30.378	832	505.5135	847	659	368	1365
12:52:30 PM	30.2535	833	505.6993	847	666	364	1362
12:53:00 PM	30.129	832	506.3029	848	661	357	1353
12:53:29 PM	30.129	833	506.3387	848	661	359	1358
12:53:59 PM	30.129	833	506.338	849	664	356	1350
12:54:29 PM	30.0045	834	506.579	850	657	354	1348
12:54:58 PM	30.129	834	506.4977	850	666	358	1355
12:55:28 PM	30.2535	834	505.9305	850	658	362	1358
12:55:58 PM	30.129	834	506.2624	850	650	359	1356
12:56:28 PM	30.129	834	506.1628	849	658	359	1355
12:56:57 PM	30.129	834	505.9652	850	651	358	1353
12:57:27 PM	30.2535	835	505.7493	850	660	363	1360
12:57:57 PM	30.378	835	505.2984	849	664	367	1364
12:58:26 PM	30.2535	835	506.2475	849	653	360	1358
12:58:56 PM	30.2535	836	506.1098	849	678	364	1363
12:59:26 PM	30.2535	835	506.2128	849	663	360	1358
12:59:56 PM	30.129	836	506.1762	849	660	360	1357
1:00:25 PM	30.0045	836	506.0171	850	659	358	1355
1:00:55 PM	30.129	836	506.2822	850	665	356	1351
1:01:25 PM	30.129	836	506.1346	850	650	358	1355
1:01:55 PM	30.0045	837	506.6393	850	662	355	1350
1:02:24 PM	30.129	837	506.5923	851	663	356	1350
1:02:54 PM	30.0045	837	506.5214	850	651	355	1349
1:03:24 PM	29.88	837	506.8083	851	660	350	1344
1:03:53 PM	30.0045	838	506.4123	852	660	353	1346
1:04:23 PM	30.0045	838	506.5462	851	662	352	1348
1:04:53 PM	29.631	838	507.2988	851	671	347	1335
1:05:23 PM	29.88	838	507.0322	852	650	350	1342
1:05:52 PM	30.0045	839	506.827	853	649	355	1349
1:06:22 PM	29.88	839	507.0547	853	652	349	1342
1:06:52 PM	29.7555	839	506.9692	852	638	347	1338
1:07:21 PM	29.88	839	506.661	853	671	350	1344
1:07:51 PM	30.0045	840	506.5195	852	666	356	1349
1:08:21 PM	30.0045	840	506.7602	852	646	353	1345
1:08:51 PM	30.0045	840	506.5496	852	653	355	1352
1:09:20 PM	29.631	840	507.4061	852	673	345	1333
1:09:50 PM	29.7555	841	507.5689	853	645	345	1333
1:10:20 PM	29.631	841	507.5792	854	672	343	1330
1:10:49 PM	29.631	842	507.7352	854	664	341	1326
1:11:19 PM	29.88	842	507.1581	855	651	351	1339
1:11:49 PM	30.0045	842	507.1638	853	648	351	1345
1:12:19 PM	30.0045	842	507.0829	853	647	354	1349
1:12:48 PM	29.88	843	507.4556	852	668	350	1344
1:13:18 PM	29.631	843	508.148	853	679	344	1331
1:13:48 PM	29.631	843	508.1045	854	674	343	1329
1:14:18 PM	29.631	844	508.2945	854	653	345	1332
1:14:47 PM	29.7555	844	507.9943	855	639	347	1333
1:15:17 PM	29.631	844	508.3658	855	656	344	1330
1:15:47 PM	29.7555	845	507.939	854	653	346	1333
1:16:16 PM	29.88	845	507.5331	855	656	348	1341
1:16:46 PM	29.88	845	507.5327	855	657	350	1341

1:17:16 PM	29.7555	845	507.9519	854	657	347	1336
1:17:46 PM	29.631	846	507.8684	855	672	344	1330
1:18:15 PM	29.7555	846	507.7173	855	641	345	1331
1:18:45 PM	29.7555	846	507.5403	855	647	346	1336
1:19:15 PM	29.7555	846	507.2599	855	657	347	1335
1:19:44 PM	29.7555	847	507.5544	854	652	348	1340
1:20:14 PM	29.631	847	507.572	855	643	345	1334
1:20:44 PM	29.7555	847	507.1421	855	663	349	1337
1:21:14 PM	29.5065	848	508.4822	855	658	341	1327
1:21:43 PM	29.5065	848	508.2991	855	670	341	1327
1:22:13 PM	29.382	848	508.7324	856	644	337	1319
1:22:43 PM	29.382	848	508.5115	857	633	338	1320
1:23:12 PM	29.5065	849	508.4703	857	653	341	1324
1:23:42 PM	29.5065	849	508.2354	857	653	341	1326
1:24:12 PM	29.631	850	508.0851	856	667	344	1331
1:24:42 PM	29.5065	850	508.3983	857	647	341	1326
1:25:11 PM	29.631	850	508.4242	857	656	342	1328
1:25:41 PM	29.382	850	508.729	856	667	339	1322
1:26:11 PM	29.382	851	508.6191	857	636	337	1317
1:26:41 PM	29.382	851	509.0883	857	659	335	1316
1:27:10 PM	29.382	851	508.5093	858	658	339	1321
1:27:40 PM	29.382	852	508.8575	858	657	337	1319
1:28:10 PM	29.382	852	508.6207	857	659	340	1323
1:28:39 PM	29.5065	852	508.515	858	652	340	1324
1:29:09 PM	29.382	853	508.7068	857	638	337	1321
1:29:39 PM	29.382	853	508.7431	858	660	340	1320
1:30:09 PM	29.382	853	508.6584	858	626	339	1323
1:30:38 PM	29.382	854	508.4158	857	654	339	1322
1:31:08 PM	29.382	854	508.8999	858	675	336	1319
1:31:38 PM	29.5065	854	508.5188	858	662	340	1327
1:32:07 PM	29.631	855	507.9042	857	672	342	1328
1:32:37 PM	29.631	855	507.9138	857	675	346	1334
1:33:07 PM	29.7555	856	507.91	857	658	346	1332
1:33:07 PM	29.7555	856	507.9371	857	658	346	1332
1:33:37 PM	29.7555	856	507.9027	856	663	347	1337
1:34:06 PM	29.5065	856	507.7196	856	670	342	1330
1:34:36 PM	29.5065	856	507.9084	857	665	343	1330
1:35:06 PM	29.5065	856	508.1938	857	665	340	1327
1:35:36 PM	29.631	856	508.2548	857	653	344	1332
1:36:05 PM	29.7555	857	508.0156	857	655	346	1334
1:36:35 PM	29.631	857	508.251	856	656	343	1330
1:37:05 PM	29.382	857	508.3101	856	658	340	1326
1:37:34 PM	29.382	857	508.3906	857	646	340	1323
1:38:04 PM	29.382	858	508.5314	858	661	338	1322
1:38:34 PM	29.382	858	508.3269	858	661	339	1324
1:39:04 PM	29.5065	858	507.548	858	668	343	1330
1:39:33 PM	29.5065	858	507.8245	857	662	342	1329
1:40:03 PM	29.5065	859	507.6704	857	651	342	1329
1:40:33 PM	29.5065	859	507.5926	858	665	343	1327
1:41:02 PM	29.5065	859	507.6177	857	652	344	1331
1:41:32 PM	29.5065	860	508.1221	857	654	340	1327
1:42:02 PM	29.382	860	508.0343	858	660	339	1326
1:42:32 PM	29.382	860	507.7734	858	660	341	1326
1:43:01 PM	29.382	860	508.048	858	665	339	1326
1:43:31 PM	29.2575	860	508.6691	858	635	336	1320
1:44:01 PM	29.382	860	507.9317	859	652	338	1322
1:44:30 PM	29.382	861	507.5876	858	646	340	1327
1:45:00 PM	29.5065	861	507.5502	858	650	342	1329
1:45:30 PM	29.631	862	507.015	858	657	345	1336
1:46:00 PM	29.631	862	507.1299	858	662	344	1334
1:46:29 PM	29.5065	862	507.7307	857	644	341	1330
1:46:59 PM	29.631	862	507.4366	857	652	345	1335
1:47:29 PM	29.5065	862	507.34	856	660	343	1333
1:47:59 PM	29.382	863	508.0519	857	653	338	1326

**Average 29.94531 838.4644809 507.267321 851.65574 657.01639 353.098361 1344.060109**

Montrose corrected - GE Trend Test 2 Unit 1

ACFM	SCFM(68F)	lb/sec	lb/sec	ND		BTU/SCF (68F)	MM BTU/Hr		BTU/KWH
GAS FLOW	GAS FLOW	Gas Flow	NOX WATER INJECTION FLOW	Water/Fuel Ratio		HHV	Heat Input	Kw	Heat Rate
136.3	4,832	3.66	5.104	1.395		1,064	308	30,503	10,110
136.4	4,835	3.66	5.146	1.406		1,064	309	30,503	10,117
136.7	4,845	3.67	5.188	1.414		1,064	309	30,627	10,096
136.3	4,835	3.66	5.132	1.402		1,064	309	30,503	10,115
136.2	4,830	3.66	5.118	1.400		1,064	308	30,503	10,105
137.0	4,855	3.68	5.230	1.423		1,064	310	30,627	10,116
137.0	4,855	3.68	5.230	1.423		1,064	310	30,627	10,116
137.4	4,867	3.68	5.271	1.431		1,064	311	30,752	10,100
136.9	4,852	3.67	5.216	1.420		1,064	310	30,627	10,110
136.5	4,838	3.66	5.160	1.409		1,064	309	30,503	10,122
136.3	4,834	3.66	5.132	1.402		1,064	308	30,503	10,114
136.4	4,838	3.66	5.146	1.405		1,064	309	30,503	10,122
136.0	4,825	3.65	5.104	1.397		1,064	308	30,503	10,095
136.4	4,839	3.66	5.132	1.401		1,064	309	30,503	10,125
136.3	4,835	3.66	5.146	1.406		1,064	309	30,503	10,115
136.7	4,846	3.67	5.174	1.410		1,064	309	30,503	10,139
136.0	4,826	3.65	5.104	1.397		1,064	308	30,378	10,138
136.2	4,830	3.66	5.118	1.399		1,064	308	30,503	10,106
136.1	4,826	3.65	5.104	1.397		1,064	308	30,378	10,138
136.7	4,845	3.67	5.188	1.414		1,064	309	30,503	10,138
136.4	4,837	3.66	5.132	1.401		1,064	309	30,378	10,161
136.3	4,833	3.66	5.118	1.399		1,064	308	30,378	10,153
136.3	4,836	3.66	5.118	1.398		1,064	309	30,503	10,119
135.9	4,823	3.65	5.077	1.390		1,064	308	30,378	10,132
134.8	4,791	3.63	4.951	1.365		1,064	306	30,129	10,149
135.2	4,801	3.64	5.021	1.381		1,064	306	30,254	10,128
134.7	4,786	3.62	4.937	1.363		1,064	305	30,129	10,137
135.0	4,797	3.63	4.979	1.371		1,064	306	30,129	10,160
134.2	4,771	3.61	4.896	1.355		1,064	304	30,005	10,147
134.4	4,779	3.62	4.896	1.353		1,064	305	30,129	10,122
135.0	4,798	3.63	4.951	1.363		1,064	306	30,129	10,162
135.2	4,800	3.63	5.007	1.378		1,064	306	30,254	10,125
135.3	4,806	3.64	5.021	1.380		1,064	307	30,254	10,139
135.2	4,804	3.64	4.993	1.373		1,064	307	30,254	10,133
134.5	4,783	3.62	4.910	1.356		1,064	305	30,005	10,172
135.0	4,797	3.63	4.993	1.375		1,064	306	30,254	10,118
135.2	4,806	3.64	4.979	1.368		1,064	307	30,254	10,137
134.8	4,791	3.63	4.951	1.365		1,064	306	30,129	10,148
134.5	4,782	3.62	4.924	1.360		1,064	305	30,129	10,130
134.9	4,794	3.63	4.979	1.372		1,064	306	30,254	10,112
135.7	4,819	3.65	5.049	1.384		1,064	308	30,254	10,164
135.7	4,821	3.65	5.035	1.379		1,064	308	30,254	10,170
135.3	4,806	3.64	5.007	1.376		1,064	307	30,254	10,138
135.3	4,806	3.64	5.021	1.380		1,064	307	30,254	10,139
135.4	4,814	3.64	5.007	1.374		1,064	307	30,254	10,154
133.8	4,767	3.61	4.854	1.345		1,064	304	30,005	10,139
133.9	4,760	3.60	4.896	1.358		1,064	304	30,005	10,124
134.8	4,787	3.62	4.937	1.362		1,064	306	30,129	10,140
135.4	4,805	3.64	4.993	1.372		1,064	307	30,254	10,136
135.9	4,821	3.65	5.035	1.379		1,064	308	30,254	10,169
136.4	4,830	3.66	5.118	1.400		1,064	308	30,378	10,147
136.6	4,841	3.67	5.146	1.404		1,064	309	30,378	10,169
135.8	4,816	3.65	5.021	1.377		1,064	307	30,254	10,158
135.8	4,813	3.64	5.049	1.385		1,064	307	30,254	10,153
135.4	4,799	3.63	4.993	1.374		1,064	306	30,254	10,123
135.4	4,799	3.63	4.993	1.374		1,064	306	30,254	10,124
136.1	4,822	3.65	5.104	1.398		1,064	308	30,378	10,130



136.2	4,829	3.66	5.063	1.385	1,064	308	30,378	10,144
135.9	4,815	3.65	5.049	1.385	1,064	307	30,254	10,156
136.2	4,825	3.65	5.104	1.397	1,064	308	30,254	10,177
135.5	4,801	3.64	5.007	1.377	1,064	306	30,254	10,127
136.1	4,823	3.65	5.077	1.390	1,064	308	30,378	10,132
135.6	4,809	3.64	4.993	1.371	1,064	307	30,129	10,186
135.4	4,799	3.63	4.993	1.374	1,064	306	30,129	10,166
135.3	4,797	3.63	4.979	1.371	1,064	306	30,129	10,160
136.5	4,834	3.66	5.118	1.398	1,064	308	30,378	10,155
136.5	4,831	3.66	5.118	1.399	1,064	308	30,378	10,150
136.7	4,834	3.66	5.146	1.406	1,064	309	30,378	10,155
136.5	4,831	3.66	5.118	1.399	1,064	308	30,378	10,148
136.2	4,822	3.65	5.063	1.387	1,064	308	30,254	10,171
135.3	4,795	3.63	4.965	1.368	1,064	306	30,129	10,157
135.8	4,813	3.64	4.993	1.370	1,064	307	30,129	10,195
135.0	4,785	3.62	4.951	1.367	1,064	305	30,129	10,135
134.8	4,780	3.62	4.924	1.360	1,064	305	30,005	10,167
135.5	4,804	3.64	4.979	1.369	1,064	307	30,129	10,176
135.8	4,810	3.64	5.035	1.383	1,064	307	30,254	10,145
135.6	4,806	3.64	4.993	1.372	1,064	307	30,129	10,179
135.5	4,801	3.64	4.993	1.374	1,064	306	30,129	10,169
135.3	4,792	3.63	4.979	1.372	1,064	306	30,129	10,151
136.0	4,815	3.65	5.049	1.385	1,064	307	30,254	10,157
136.4	4,825	3.65	5.104	1.397	1,064	308	30,378	10,136
135.8	4,813	3.64	5.007	1.374	1,064	307	30,254	10,152
136.3	4,829	3.66	5.063	1.385	1,064	308	30,254	10,186
135.8	4,812	3.64	5.007	1.374	1,064	307	30,254	10,151
135.7	4,808	3.64	5.007	1.375	1,064	307	30,129	10,185
135.5	4,800	3.63	4.979	1.370	1,064	306	30,005	10,209
135.1	4,788	3.63	4.951	1.366	1,064	306	30,129	10,142
135.5	4,801	3.64	4.979	1.370	1,064	306	30,129	10,169
135.0	4,788	3.63	4.937	1.362	1,064	306	30,005	10,183
135.0	4,787	3.62	4.951	1.366	1,064	306	30,129	10,140
134.9	4,783	3.62	4.937	1.363	1,064	305	30,005	10,173
134.4	4,768	3.61	4.868	1.348	1,064	304	29,880	10,184
134.6	4,772	3.61	4.910	1.359	1,064	305	30,005	10,149
134.8	4,780	3.62	4.896	1.353	1,064	305	30,005	10,166
133.5	4,741	3.59	4.826	1.345	1,064	303	29,631	10,210
134.2	4,763	3.61	4.868	1.350	1,064	304	29,880	10,173
134.9	4,786	3.62	4.937	1.363	1,064	305	30,005	10,179
134.2	4,763	3.61	4.854	1.346	1,064	304	29,880	10,173
133.8	4,748	3.60	4.826	1.342	1,064	303	29,756	10,184
134.4	4,767	3.61	4.868	1.349	1,064	304	29,880	10,181
134.9	4,783	3.62	4.951	1.367	1,064	305	30,005	10,173
134.5	4,771	3.61	4.910	1.359	1,064	304	30,005	10,148
135.2	4,794	3.63	4.937	1.360	1,064	306	30,005	10,197
133.3	4,734	3.58	4.798	1.339	1,064	302	29,631	10,197
133.3	4,736	3.59	4.798	1.338	1,064	302	29,756	10,157
133.0	4,725	3.58	4.771	1.333	1,064	302	29,631	10,177
132.6	4,713	3.57	4.743	1.329	1,064	301	29,631	10,150
133.9	4,754	3.60	4.882	1.356	1,064	303	29,880	10,152
134.5	4,775	3.62	4.882	1.350	1,064	305	30,005	10,156
134.9	4,788	3.63	4.924	1.358	1,064	306	30,005	10,184
134.4	4,774	3.61	4.868	1.347	1,064	305	29,880	10,196
133.1	4,734	3.58	4.784	1.335	1,064	302	29,631	10,196
132.9	4,727	3.58	4.771	1.333	1,064	302	29,631	10,180
133.2	4,739	3.59	4.798	1.337	1,064	302	29,631	10,206
133.3	4,740	3.59	4.826	1.345	1,064	302	29,756	10,166
133.0	4,733	3.58	4.784	1.335	1,064	302	29,631	10,193
133.3	4,739	3.59	4.812	1.341	1,064	302	29,756	10,164
134.1	4,764	3.61	4.840	1.342	1,064	304	29,880	10,175
134.1	4,764	3.61	4.868	1.350	1,064	304	29,880	10,175

133.6	4,750	3.60	4.826	1.342	1,064	303	29,756	10,188
133.0	4,728	3.58	4.784	1.337	1,064	302	29,631	10,183
133.1	4,730	3.58	4.798	1.340	1,064	302	29,756	10,145
133.6	4,746	3.59	4.812	1.339	1,064	303	29,756	10,180
133.5	4,740	3.59	4.826	1.345	1,064	303	29,756	10,166
134.0	4,761	3.60	4.840	1.343	1,064	304	29,756	10,210
133.4	4,740	3.59	4.798	1.337	1,064	302	29,631	10,208
133.7	4,746	3.59	4.854	1.351	1,064	303	29,756	10,179
132.7	4,723	3.58	4.743	1.326	1,064	301	29,507	10,215
132.7	4,721	3.57	4.743	1.327	1,064	301	29,507	10,211
131.9	4,697	3.56	4.687	1.318	1,064	300	29,382	10,201
132.0	4,698	3.56	4.701	1.322	1,064	300	29,382	10,204
132.4	4,712	3.57	4.743	1.329	1,064	301	29,507	10,191
132.6	4,717	3.57	4.743	1.328	1,064	301	29,507	10,202
133.1	4,734	3.58	4.784	1.335	1,064	302	29,631	10,195
132.6	4,719	3.57	4.743	1.328	1,064	301	29,507	10,205
132.8	4,726	3.58	4.757	1.329	1,064	302	29,631	10,178
132.2	4,707	3.56	4.715	1.323	1,064	300	29,382	10,224
131.7	4,689	3.55	4.687	1.320	1,064	299	29,382	10,183
131.6	4,689	3.55	4.659	1.312	1,064	299	29,382	10,185
132.1	4,702	3.56	4.715	1.324	1,064	300	29,382	10,212
131.9	4,698	3.56	4.687	1.318	1,064	300	29,382	10,203
132.3	4,710	3.57	4.729	1.326	1,064	301	29,382	10,230
132.4	4,712	3.57	4.729	1.325	1,064	301	29,507	10,192
132.1	4,704	3.56	4.687	1.316	1,064	300	29,382	10,216
132.0	4,700	3.56	4.729	1.329	1,064	300	29,382	10,209
132.3	4,710	3.57	4.715	1.322	1,064	301	29,382	10,230
132.2	4,704	3.56	4.715	1.324	1,064	300	29,382	10,218
131.9	4,698	3.56	4.673	1.314	1,064	300	29,382	10,204
132.7	4,723	3.58	4.729	1.322	1,064	301	29,507	10,215
132.8	4,721	3.57	4.757	1.331	1,064	301	29,631	10,168
133.4	4,743	3.59	4.812	1.340	1,064	303	29,631	10,214
133.2	4,735	3.59	4.812	1.342	1,064	302	29,756	10,156
133.2	4,736	3.59	4.812	1.342	1,064	302	29,756	10,157
133.7	4,753	3.60	4.826	1.341	1,064	303	29,756	10,194
133.0	4,727	3.58	4.757	1.329	1,064	302	29,507	10,223
133.0	4,728	3.58	4.771	1.333	1,064	302	29,507	10,227
132.7	4,720	3.57	4.729	1.323	1,064	301	29,507	10,209
133.2	4,739	3.59	4.784	1.334	1,064	302	29,631	10,206
133.4	4,744	3.59	4.812	1.340	1,064	303	29,756	10,174
133.0	4,731	3.58	4.771	1.332	1,064	302	29,631	10,190
132.6	4,718	3.57	4.729	1.324	1,064	301	29,382	10,247
132.3	4,708	3.56	4.729	1.327	1,064	300	29,382	10,225
132.2	4,706	3.56	4.701	1.319	1,064	300	29,382	10,220
132.4	4,711	3.57	4.715	1.322	1,064	301	29,382	10,232
133.0	4,725	3.58	4.771	1.333	1,064	302	29,507	10,220
132.9	4,724	3.58	4.757	1.330	1,064	301	29,507	10,217
132.9	4,723	3.58	4.757	1.330	1,064	301	29,507	10,214
132.7	4,715	3.57	4.771	1.336	1,064	301	29,507	10,197
133.1	4,729	3.58	4.784	1.336	1,064	302	29,507	10,229
132.7	4,720	3.57	4.729	1.323	1,064	301	29,507	10,208
132.6	4,715	3.57	4.715	1.321	1,064	301	29,382	10,241
132.6	4,713	3.57	4.743	1.329	1,064	301	29,382	10,236
132.6	4,715	3.57	4.715	1.321	1,064	301	29,382	10,242
132.0	4,700	3.56	4.673	1.313	1,064	300	29,258	10,251
132.2	4,700	3.56	4.701	1.321	1,064	300	29,382	10,209
132.7	4,715	3.57	4.729	1.325	1,064	301	29,382	10,240
132.9	4,722	3.57	4.757	1.331	1,064	301	29,507	10,212
133.6	4,742	3.59	4.798	1.337	1,064	303	29,631	10,212
133.4	4,736	3.59	4.784	1.334	1,064	302	29,631	10,199
133.0	4,727	3.58	4.743	1.325	1,064	302	29,507	10,223
133.5	4,742	3.59	4.798	1.336	1,064	303	29,631	10,213
133.3	4,734	3.58	4.771	1.331	1,064	302	29,507	10,238
132.6	4,715	3.57	4.701	1.317	1,064	301	29,382	10,242

**134.406011 4772.407153 3.61344347 4.911009699 1.358817224 1063.616864 304.5607638 29945.31148 10170.97757**

**GE Trend Test 1 Unit 1**

DATETIME	MW	TE_2024	PGASA	TE_2037	PT_2074A	FT_2003	FT_2000
#!Min	10	0	410	400	-100	-100	800
#!Max	50	100	480	900	300	500	1700
#!Units	MW	F	psig	F		gpm	ACFM

#!Description	MW SELECT	FUEL SUPPLY TEMPERATURE A	GAS FUEL SUPPLY PRESSURE	DE-MIN WATER SUPPLY TEMP(x10)	DE-MIN WATER SUPPLY PRESS(x10)	NOX WATER INJECTION FLOW(x10)	GAS FLOW FT2000(x10)
2:05:19 PM	29.2575	871	508.7031	863	672	336	1319
2:05:48 PM	29.2575	872	508.5581	863	644	336	1321
2:06:18 PM	29.2575	872	508.4421	862	684	337	1322
2:06:48 PM	29.382	873	508.2361	862	654	338	1325
2:07:18 PM	29.2575	872	508.0156	862	657	338	1324
2:07:47 PM	29.382	873	507.8417	861	651	337	1324
2:08:17 PM	29.2575	873	507.5285	862	685	337	1322
2:08:47 PM	29.2575	873	508.3185	861	670	336	1322
2:09:16 PM	29.382	873	507.6201	861	663	339	1324
2:09:46 PM	29.382	874	507.3134	861	654	341	1329
2:10:16 PM	29.382	873	507.7646	861	663	337	1325
2:10:46 PM	29.382	874	507.786	861	656	340	1327
2:11:15 PM	29.2575	874	508.0305	860	646	337	1326
2:11:45 PM	29.382	874	508.2109	861	649	337	1321
2:12:15 PM	29.2575	874	507.9157	861	647	336	1322
2:12:45 PM	29.2575	875	508.0698	862	666	337	1325
2:13:14 PM	29.133	875	508.6614	861	648	334	1319
2:13:44 PM	29.133	874	508.7168	862	671	331	1316
2:14:14 PM	29.2575	875	508.3776	862	676	336	1320
2:14:43 PM	29.2575	875	508.6202	862	649	335	1318
2:15:13 PM	29.133	875	508.5108	862	622	333	1316
2:15:43 PM	29.133	875	509.03	862	684	331	1314
2:16:13 PM	29.0085	875	509.4824	863	639	330	1310
2:16:42 PM	29.0085	875	509.4561	863	686	328	1309
2:17:12 PM	28.884	876	509.6312	864	661	326	1301
2:17:42 PM	29.133	877	509.7071	863	651	331	1313
2:18:11 PM	29.0085	877	509.4355	864	664	329	1309
2:18:41 PM	29.0085	877	509.6628	864	639	328	1304
2:19:11 PM	28.884	877	510.3666	865	684	327	1305
2:19:41 PM	29.0085	878	509.9459	865	681	330	1308
2:20:10 PM	28.884	878	509.9398	865	684	328	1307
2:20:40 PM	29.0085	878	510.3185	865	670	330	1311
2:21:10 PM	29.0085	878	510.0408	864	655	331	1311
2:21:39 PM	29.0085	879	510.5963	865	659	328	1305
2:22:09 PM	29.0085	879	510.5131	865	679	329	1305
2:22:39 PM	28.884	879	511.1864	865	682	325	1300
2:23:09 PM	28.884	879	510.7756	865	667	327	1302
2:23:38 PM	29.133	879	510.5143	866	669	331	1312
2:24:08 PM	29.0085	880	510.5352	865	665	330	1309
2:24:38 PM	29.0085	880	510.6451	865	677	330	1310
2:25:08 PM	28.884	880	510.9819	865	666	327	1303
2:25:37 PM	28.7595	881	510.967	865	651	325	1299
2:26:07 PM	29.0085	881	510.5253	866	662	328	1304
2:26:37 PM	29.0085	881	510.3529	865	651	329	1307
2:27:06 PM	28.884	881	510.9202	865	656	327	1304
2:27:36 PM	28.884	882	510.7561	865	655	327	1301
2:28:06 PM	28.884	882	510.6425	866	664	328	1306
2:28:36 PM	29.0085	882	510.7958	866	668	329	1308
2:29:05 PM	29.133	882	509.7849	866	628	332	1313
2:29:35 PM	28.884	882	510.6993	865	660	328	1306
2:30:05 PM	29.133	883	510.1519	865	652	331	1313
2:30:34 PM	29.133	883	510.3853	865	695	333	1316
2:31:04 PM	29.133	883	509.6354	865	639	335	1318
2:31:34 PM	29.0085	883	509.934	865	662	332	1316
2:32:04 PM	29.0085	883	510.0691	865	662	331	1316
2:32:33 PM	29.133	883	509.3485	864	662	336	1326

2:33:03 PM	29.133	884	508.7957	864	667	339	1334
2:33:33 PM	29.133	884	508.2167	863	673	343	1351
2:33:33 PM	29.133	884	508.2403	863	673	343	1351
2:34:03 PM	29.0085	884	507.8008	862	663	344	1359
2:34:32 PM	29.0085	884	507.2489	862	659	345	1367
2:35:02 PM	28.884	884	507.1611	862	659	347	1375
2:35:32 PM	28.884	885	507.4774	861	651	346	1377
2:36:01 PM	28.884	885	507.0921	861	668	348	1384
2:36:31 PM	29.0085	885	506.373	861	654	352	1388
2:37:01 PM	28.7595	885	506.7087	861	659	349	1388
2:37:31 PM	29.0085	885	506.0255	860	662	356	1401
2:38:00 PM	28.884	886	505.533	859	643	358	1407
2:38:30 PM	28.884	886	504.8799	859	650	360	1415
2:39:00 PM	28.884	886	504.7983	859	658	360	1416
2:39:29 PM	28.7595	886	504.511	859	676	362	1421
2:39:59 PM	28.7595	887	504.2338	859	673	361	1425
2:40:29 PM	28.7595	887	503.8359	859	642	362	1425
2:40:59 PM	28.884	887	503.5829	859	655	370	1435
2:41:28 PM	28.884	887	503.0588	858	652	370	1436
2:41:58 PM	28.884	887	503.2629	857	648	368	1435
2:42:28 PM	29.0085	888	502.8193	857	650	372	1439
2:42:57 PM	28.7595	888	503.4189	857	646	367	1433
2:43:27 PM	28.7595	888	504.4271	858	659	360	1425
2:43:57 PM	28.5105	888	503.9953	859	645	356	1419
2:44:27 PM	28.5105	888	504.0999	859	656	356	1418
2:44:56 PM	28.7595	888	503.8645	859	648	365	1431
2:45:26 PM	28.7595	889	503.5406	860	653	363	1429
2:45:56 PM	28.884	889	503.1645	859	654	368	1435
2:46:26 PM	28.884	889	503.4521	859	659	368	1435
2:46:55 PM	28.884	890	503.2289	859	648	368	1435
2:47:25 PM	28.7595	890	503.9225	858	649	363	1429
2:47:55 PM	28.635	890	503.723	858	651	359	1425
2:48:24 PM	28.635	891	503.327	859	645	362	1429
2:48:54 PM	28.7595	891	502.8971	859	649	365	1433
2:49:24 PM	28.7595	891	503.2274	859	665	361	1428
2:49:54 PM	28.884	891	502.5472	859	648	369	1437
2:50:23 PM	28.7595	891	503.4296	858	659	364	1433
2:50:53 PM	28.7595	891	502.7903	858	653	367	1435
2:51:23 PM	28.7595	892	502.8188	858	650	367	1436
2:51:52 PM	28.7595	892	503.1984	859	646	361	1428
2:52:22 PM	28.884	892	502.8269	859	650	367	1436
2:52:52 PM	28.7595	893	503.0325	859	655	365	1434
2:53:22 PM	28.884	893	502.096	858	656	372	1443
2:53:51 PM	28.884	893	502.0834	858	652	374	1446
2:54:21 PM	28.884	893	502.9322	858	651	367	1437
2:54:51 PM	28.7595	893	502.5862	858	657	367	1436
2:55:20 PM	28.884	893	502.7128	858	668	366	1434
2:55:50 PM	28.884	894	502.7105	859	650	369	1440
2:56:20 PM	28.884	894	502.6636	859	647	368	1438
2:56:50 PM	28.7595	893	503.1359	859	642	365	1433
2:57:19 PM	28.7595	894	503.0775	859	646	364	1430
2:57:19 PM	28.7595	894	503.0775	859	664	363	1430
2:57:49 PM	28.884	894	503.0336	860	651	369	1438
2:58:19 PM	28.7595	895	503.5002	859	651	367	1436
2:58:49 PM	28.635	895	503.6345	860	642	359	1424
2:59:18 PM	28.7595	895	503.7634	860	648	364	1432
2:59:48 PM	28.884	895	503.4475	860	643	365	1433
3:00:18 PM	28.884	895	503.1035	860	654	368	1436
3:00:47 PM	28.7595	896	503.0516	860	656	364	1432
3:01:17 PM	29.0085	896	502.8837	860	654	371	1440
3:01:47 PM	29.0085	895	502.1471	860	639	375	1445
3:02:17 PM	28.884	896	502.6594	859	653	371	1441
3:02:46 PM	28.7595	897	503.1443	859	637	363	1433
3:03:16 PM	28.7595	897	503.0165	860	648	361	1428
3:03:46 PM	28.884	896	502.6594	860	658	369	1439

3:04:15 PM	28.884	897	503.1157	860	657	368	1435
3:04:45 PM	28.7595	897	502.6674	860	649	366	1434
3:05:15 PM	28.7595	897	502.7842	858	656	366	1435
3:05:45 PM	28.7595	897	503.1431	860	656	362	1430
3:06:14 PM	28.884	898	502.7083	860	658	366	1432
3:06:44 PM	28.884	898	502.5194	860	654	368	1438
3:07:14 PM	28.884	898	502.3382	860	660	366	1433
3:07:43 PM	28.884	898	502.7079	860	659	367	1435
3:08:13 PM	28.7595	899	502.894	860	663	362	1431
3:08:43 PM	28.7595	899	502.9287	860	659	362	1431
3:09:13 PM	28.635	899	503.0931	860	651	359	1429
3:09:42 PM	28.884	899	501.9221	861	657	370	1437
3:10:12 PM	28.635	899	502.9272	861	658	361	1430
3:10:42 PM	28.7595	899	502.5728	861	644	366	1434
3:11:12 PM	28.884	899	502.2405	861	645	368	1440
3:11:41 PM	28.7595	899	502.3546	860	655	362	1431
3:12:11 PM	28.635	899	502.8467	861	651	357	1424
3:12:41 PM	28.7595	899	502.2562	862	651	361	1430
3:13:10 PM	28.7595	900	502.5701	862	652	365	1434
3:13:40 PM	28.884	900	502.2871	862	641	367	1436
3:14:10 PM	28.7595	900	502.3947	861	663	366	1433
3:14:40 PM	28.7595	900	502.4027	861	637	361	1430
3:15:09 PM	28.7595	900	502.5507	861	668	363	1432
3:15:39 PM	28.7595	900	502.5396	861	654	362	1428
3:16:09 PM	28.7595	901	502.7746	861	672	361	1428
3:16:38 PM	28.7595	900	502.7888	862	645	360	1429
3:17:08 PM	28.7595	901	502.7162	862	659	365	1434
3:17:38 PM	28.635	901	503.0142	861	659	361	1429
3:18:08 PM	28.884	901	502.4214	862	640	368	1436
3:18:37 PM	28.884	901	501.9007	861	636	370	1440
3:19:07 PM	28.884	902	502.1986	861	657	371	1442
3:19:37 PM	29.0085	901	501.6695	860	650	372	1443
3:20:06 PM	28.884	902	502.0223	860	647	369	1441
3:20:36 PM	29.0085	902	501.9144	860	645	374	1445
3:21:06 PM	28.884	902	502.1082	860	661	372	1442
3:21:36 PM	29.0085	902	502.093	860	645	370	1441
3:22:05 PM	29.0085	902	501.2552	860	647	373	1443
3:22:35 PM	29.0085	902	501.415	860	638	372	1443
3:23:05 PM	29.0085	903	501.4952	860	651	372	1443
3:23:35 PM	28.884	902	501.3113	860	652	373	1446
3:24:04 PM	28.884	902	501.4113	860	646	370	1444
3:24:34 PM	28.884	902	501.4311	860	653	370	1443
3:25:04 PM	28.7595	902	501.5978	860	647	369	1439
3:25:33 PM	28.884	903	501.6252	861	639	368	1441
3:26:03 PM	28.884	902	501.3063	861	657	369	1439
3:26:33 PM	28.7595	903	501.7863	861	653	364	1433
3:27:03 PM	28.7595	903	502.0437	862	660	361	1431
3:27:32 PM	28.7595	903	502.17	862	655	361	1430
3:27:32 PM	28.7595	903	502.1784	862	655	361	1430
3:28:02 PM	28.7595	903	501.9152	862	646	363	1433
3:28:32 PM	28.884	903	501.967	861	652	367	1440
3:29:01 PM	28.635	903	502.7109	862	658	358	1425
3:29:31 PM	28.7595	904	501.9419	863	656	364	1432
3:30:01 PM	28.7595	904	501.935	863	660	365	1432
3:30:31 PM	28.7595	904	502.0353	862	662	363	1431
3:31:00 PM	28.635	904	502.4889	863	660	359	1427
3:31:30 PM	28.7595	904	502.0991	863	647	365	1433

**Average 28.9133764 889.5674157 505.15275 861.174157 655.9213483 353.780899 1391.8764**

Montrose corrected - GE Trend Test 3 Unit 1

ACFM	SCFM(68F)	lb/sec	lb/sec	ND	BTU/SCF (68F)	MM BTU/Hr	BTU/KWH	
GAS FLOW	GAS FLOW	Gas Flow	NOX WATER INJECTION FLOW	Water/Fuel Ratio	HHV	Heat Input	Kw	Heat Rate
131.9	4,696	3.56	4.673	1.314	1,064	300	29,258	10,244
132.1	4,702	3.56	4.673	1.313	1,064	300	29,258	10,257
132.2	4,705	3.56	4.687	1.316	1,064	300	29,258	10,262
132.5	4,714	3.57	4.701	1.317	1,064	301	29,382	10,238
132.4	4,708	3.56	4.701	1.319	1,064	300	29,258	10,269
132.4	4,706	3.56	4.687	1.315	1,064	300	29,382	10,222
132.2	4,697	3.56	4.687	1.318	1,064	300	29,258	10,244
132.2	4,704	3.56	4.673	1.312	1,064	300	29,258	10,260
132.4	4,704	3.56	4.715	1.324	1,064	300	29,382	10,218
132.9	4,719	3.57	4.743	1.327	1,064	301	29,382	10,250
132.5	4,709	3.57	4.687	1.315	1,064	301	29,382	10,228
132.7	4,717	3.57	4.729	1.324	1,064	301	29,382	10,244
132.6	4,715	3.57	4.687	1.313	1,064	301	29,258	10,285
132.1	4,699	3.56	4.687	1.317	1,064	300	29,382	10,206
132.2	4,700	3.56	4.673	1.313	1,064	300	29,258	10,252
132.5	4,712	3.57	4.687	1.314	1,064	301	29,258	10,278
131.9	4,696	3.56	4.645	1.306	1,064	300	29,133	10,287
131.6	4,686	3.55	4.604	1.298	1,064	299	29,133	10,264
132.0	4,697	3.56	4.673	1.314	1,064	300	29,258	10,245
131.8	4,692	3.55	4.659	1.312	1,064	299	29,258	10,234
131.6	4,684	3.55	4.631	1.306	1,064	299	29,133	10,260
131.4	4,682	3.54	4.604	1.299	1,064	299	29,133	10,255
131.0	4,671	3.54	4.590	1.298	1,064	298	29,009	10,277
130.9	4,667	3.53	4.562	1.291	1,064	298	29,009	10,268
130.1	4,641	3.51	4.534	1.290	1,064	296	28,884	10,253
131.3	4,684	3.55	4.604	1.298	1,064	299	29,133	10,260
130.9	4,667	3.53	4.576	1.295	1,064	298	29,009	10,268
130.4	4,651	3.52	4.562	1.295	1,064	297	29,009	10,233
130.5	4,661	3.53	4.548	1.289	1,064	297	28,884	10,299
130.8	4,668	3.53	4.590	1.299	1,064	298	29,009	10,270
130.7	4,665	3.53	4.562	1.292	1,064	298	28,884	10,306
131.1	4,682	3.55	4.590	1.295	1,064	299	29,009	10,301
131.1	4,680	3.54	4.604	1.299	1,064	299	29,009	10,295
130.5	4,663	3.53	4.562	1.292	1,064	298	29,009	10,259
130.5	4,663	3.53	4.576	1.296	1,064	298	29,009	10,257
130.0	4,651	3.52	4.520	1.284	1,064	297	28,884	10,275
130.2	4,654	3.52	4.548	1.291	1,064	297	28,884	10,283
131.2	4,688	3.55	4.604	1.297	1,064	299	29,133	10,268
130.9	4,677	3.54	4.590	1.296	1,064	298	29,009	10,289
131.0	4,682	3.54	4.590	1.295	1,064	299	29,009	10,299
130.3	4,660	3.53	4.548	1.289	1,064	297	28,884	10,295
129.9	4,645	3.52	4.520	1.285	1,064	296	28,760	10,308
130.4	4,659	3.53	4.562	1.293	1,064	297	29,009	10,250
130.7	4,668	3.53	4.576	1.295	1,064	298	29,009	10,270
130.4	4,663	3.53	4.548	1.288	1,064	298	28,884	10,302
130.1	4,650	3.52	4.548	1.292	1,064	297	28,884	10,275
130.6	4,667	3.53	4.562	1.291	1,064	298	28,884	10,312
130.8	4,676	3.54	4.576	1.292	1,064	298	29,009	10,287
131.3	4,685	3.55	4.618	1.302	1,064	299	29,133	10,262
130.6	4,668	3.53	4.562	1.291	1,064	298	28,884	10,313
131.3	4,688	3.55	4.604	1.297	1,064	299	29,133	10,269
131.6	4,701	3.56	4.631	1.301	1,064	300	29,133	10,297
131.8	4,701	3.56	4.659	1.309	1,064	300	29,133	10,298
131.6	4,697	3.56	4.618	1.298	1,064	300	29,009	10,333
131.6	4,698	3.56	4.604	1.294	1,064	300	29,009	10,335
132.6	4,727	3.58	4.673	1.306	1,064	302	29,133	10,355

133.4	4,751	3.60	4.715	1.311	1,064	303	29,133	10,406
135.1	4,806	3.64	4.771	1.311	1,064	307	29,133	10,527
135.1	4,806	3.64	4.771	1.311	1,064	307	29,133	10,528
135.9	4,830	3.66	4.784	1.308	1,064	308	29,009	10,627
136.7	4,854	3.68	4.798	1.306	1,064	310	29,009	10,678
137.5	4,881	3.70	4.826	1.306	1,064	312	28,884	10,785
137.7	4,891	3.70	4.812	1.299	1,064	312	28,884	10,807
138.4	4,913	3.72	4.840	1.301	1,064	314	28,884	10,854
138.8	4,920	3.73	4.896	1.314	1,064	314	29,009	10,824
138.8	4,923	3.73	4.854	1.302	1,064	314	28,760	10,925
140.1	4,963	3.76	4.951	1.318	1,064	317	29,009	10,918
140.7	4,979	3.77	4.979	1.321	1,064	318	28,884	11,002
141.5	5,001	3.79	5.007	1.322	1,064	319	28,884	11,050
141.6	5,004	3.79	5.007	1.321	1,064	319	28,884	11,056
142.1	5,019	3.80	5.035	1.325	1,064	320	28,760	11,137
142.5	5,030	3.81	5.021	1.318	1,064	321	28,760	11,163
142.5	5,027	3.81	5.035	1.323	1,064	321	28,760	11,154
143.5	5,059	3.83	5.146	1.343	1,064	323	28,884	11,178
143.6	5,058	3.83	5.146	1.344	1,064	323	28,884	11,175
143.5	5,056	3.83	5.118	1.337	1,064	323	28,884	11,172
143.9	5,066	3.84	5.174	1.349	1,064	323	29,009	11,145
143.3	5,051	3.82	5.104	1.335	1,064	322	28,760	11,208
142.5	5,032	3.81	5.007	1.314	1,064	321	28,760	11,167
141.9	5,007	3.79	4.951	1.306	1,064	320	28,511	11,208
141.8	5,004	3.79	4.951	1.307	1,064	319	28,511	11,202
143.1	5,048	3.82	5.077	1.328	1,064	322	28,760	11,202
142.9	5,038	3.81	5.049	1.324	1,064	322	28,760	11,179
143.5	5,055	3.83	5.118	1.337	1,064	323	28,884	11,169
143.5	5,058	3.83	5.118	1.336	1,064	323	28,884	11,176
143.5	5,056	3.83	5.118	1.337	1,064	323	28,884	11,171
142.9	5,042	3.82	5.049	1.323	1,064	322	28,760	11,187
142.5	5,026	3.81	4.993	1.312	1,064	321	28,635	11,200
142.9	5,036	3.81	5.035	1.320	1,064	321	28,635	11,223
143.3	5,046	3.82	5.077	1.329	1,064	322	28,760	11,196
142.8	5,031	3.81	5.021	1.318	1,064	321	28,760	11,164
143.7	5,056	3.83	5.132	1.341	1,064	323	28,884	11,172
143.3	5,051	3.82	5.063	1.324	1,064	322	28,760	11,208
143.5	5,052	3.82	5.104	1.335	1,064	322	28,760	11,210
143.6	5,055	3.83	5.104	1.334	1,064	323	28,760	11,218
142.8	5,031	3.81	5.021	1.318	1,064	321	28,760	11,164
143.6	5,056	3.83	5.104	1.333	1,064	323	28,884	11,170
143.4	5,051	3.82	5.077	1.328	1,064	322	28,760	11,207
144.3	5,073	3.84	5.174	1.347	1,064	324	28,884	11,208
144.6	5,083	3.85	5.202	1.351	1,064	324	28,884	11,232
143.7	5,060	3.83	5.104	1.332	1,064	323	28,884	11,180
143.6	5,053	3.83	5.104	1.334	1,064	322	28,760	11,213
143.4	5,047	3.82	5.090	1.332	1,064	322	28,884	11,152
144.0	5,069	3.84	5.132	1.337	1,064	323	28,884	11,198
143.8	5,061	3.83	5.118	1.336	1,064	323	28,884	11,182
143.3	5,048	3.82	5.077	1.328	1,064	322	28,760	11,201
143.0	5,037	3.81	5.063	1.327	1,064	321	28,760	11,177
143.0	5,037	3.81	5.049	1.324	1,064	321	28,760	11,177
143.8	5,065	3.83	5.132	1.338	1,064	323	28,884	11,190
143.6	5,062	3.83	5.104	1.332	1,064	323	28,760	11,233
142.4	5,021	3.80	4.993	1.313	1,064	320	28,635	11,190
143.2	5,051	3.82	5.063	1.324	1,064	322	28,760	11,207
143.3	5,051	3.82	5.077	1.327	1,064	322	28,884	11,160
143.6	5,058	3.83	5.118	1.336	1,064	323	28,884	11,176
143.2	5,044	3.82	5.063	1.326	1,064	322	28,760	11,192
144.0	5,070	3.84	5.160	1.344	1,064	324	29,009	11,154
144.5	5,081	3.85	5.216	1.356	1,064	324	29,009	11,177
144.1	5,072	3.84	5.160	1.344	1,064	324	28,884	11,205
143.3	5,048	3.82	5.049	1.321	1,064	322	28,760	11,202
142.8	5,029	3.81	5.021	1.319	1,064	321	28,760	11,160
143.9	5,064	3.83	5.132	1.338	1,064	323	28,884	11,190

143.5	5,055	3.83	5.118	1.337	1,064	323	28,884	11,168
143.4	5,047	3.82	5.090	1.332	1,064	322	28,760	11,199
143.5	5,052	3.82	5.090	1.331	1,064	322	28,760	11,210
143.0	5,038	3.81	5.035	1.320	1,064	321	28,760	11,178
143.2	5,040	3.82	5.090	1.334	1,064	322	28,884	11,136
143.8	5,060	3.83	5.118	1.336	1,064	323	28,884	11,179
143.3	5,040	3.82	5.090	1.334	1,064	322	28,884	11,136
143.5	5,051	3.82	5.104	1.335	1,064	322	28,884	11,160
143.1	5,039	3.82	5.035	1.320	1,064	322	28,760	11,181
143.1	5,039	3.82	5.035	1.320	1,064	322	28,760	11,181
142.9	5,034	3.81	4.993	1.310	1,064	321	28,635	11,218
143.7	5,050	3.82	5.146	1.346	1,064	322	28,884	11,158
143.0	5,035	3.81	5.021	1.317	1,064	321	28,635	11,222
143.4	5,046	3.82	5.090	1.332	1,064	322	28,760	11,197
144.0	5,064	3.83	5.118	1.335	1,064	323	28,884	11,188
143.1	5,033	3.81	5.035	1.321	1,064	321	28,760	11,169
142.4	5,014	3.80	4.965	1.308	1,064	320	28,635	11,173
143.0	5,029	3.81	5.021	1.319	1,064	321	28,760	11,159
143.4	5,046	3.82	5.077	1.329	1,064	322	28,760	11,197
143.6	5,050	3.82	5.104	1.335	1,064	322	28,884	11,158
143.3	5,041	3.82	5.090	1.334	1,064	322	28,760	11,185
143.0	5,030	3.81	5.021	1.318	1,064	321	28,760	11,162
143.2	5,039	3.82	5.049	1.323	1,064	322	28,760	11,181
142.8	5,025	3.80	5.035	1.323	1,064	321	28,760	11,150
142.8	5,027	3.81	5.021	1.319	1,064	321	28,760	11,155
142.9	5,031	3.81	5.007	1.315	1,064	321	28,760	11,163
143.4	5,047	3.82	5.077	1.328	1,064	322	28,760	11,200
142.9	5,033	3.81	5.021	1.318	1,064	321	28,635	11,216
143.6	5,052	3.82	5.118	1.338	1,064	322	28,884	11,161
144.0	5,061	3.83	5.146	1.343	1,064	323	28,884	11,181
144.2	5,071	3.84	5.160	1.344	1,064	324	28,884	11,203
144.3	5,069	3.84	5.174	1.348	1,064	323	29,009	11,151
144.1	5,065	3.84	5.132	1.338	1,064	323	28,884	11,191
144.5	5,078	3.85	5.202	1.353	1,064	324	29,009	11,172
144.2	5,070	3.84	5.174	1.348	1,064	324	28,884	11,201
144.1	5,066	3.84	5.146	1.342	1,064	323	29,009	11,145
144.3	5,065	3.83	5.188	1.353	1,064	323	29,009	11,142
144.3	5,066	3.84	5.174	1.349	1,064	323	29,009	11,146
144.3	5,067	3.84	5.174	1.349	1,064	323	29,009	11,147
144.6	5,076	3.84	5.188	1.350	1,064	324	28,884	11,215
144.4	5,070	3.84	5.146	1.341	1,064	324	28,884	11,201
144.3	5,067	3.84	5.146	1.341	1,064	323	28,884	11,194
143.9	5,054	3.83	5.132	1.341	1,064	323	28,760	11,215
144.1	5,061	3.83	5.118	1.336	1,064	323	28,884	11,183
143.9	5,051	3.82	5.132	1.342	1,064	322	28,884	11,160
143.3	5,035	3.81	5.063	1.328	1,064	321	28,760	11,172
143.1	5,030	3.81	5.021	1.318	1,064	321	28,760	11,162
143.0	5,028	3.81	5.021	1.319	1,064	321	28,760	11,157
143.0	5,028	3.81	5.021	1.319	1,064	321	28,760	11,157
143.3	5,036	3.81	5.049	1.324	1,064	321	28,760	11,175
144.0	5,061	3.83	5.104	1.332	1,064	323	28,884	11,182
142.5	5,016	3.80	4.979	1.311	1,064	320	28,635	11,178
143.2	5,033	3.81	5.063	1.329	1,064	321	28,760	11,168
143.2	5,033	3.81	5.077	1.332	1,064	321	28,760	11,168
143.1	5,030	3.81	5.049	1.326	1,064	321	28,760	11,162
142.7	5,021	3.80	4.993	1.313	1,064	320	28,635	11,189
143.3	5,038	3.81	5.077	1.331	1,064	322	28,760	11,179

**139.18764 4921.050201 3.725989033 4.920502669 1.320111038 1063.616864 314.0467189 28913.3764 10863.66225**



GE Trend Test 1 Unit 2

	7268816_U	7268816_U1_RX	7268816_U	7268816_U1_R	7268816_U	7268816_U1	7268816_U	7268816_U1
Time	1_RX3i.MW	3i.TE_2032	1_RX3i.PT_2027	X3i.CNT_OPHR S	1_RX3i.TE_2037	_RX3i.PT_20 74	1_RX3i.FT_2003	_RX3i.FT_20 00
#!Min	10	0	410	-10000	400	-100	-100	800
#!Max	50	100	480	30000	900	300	500	1700
#!Units	MW	F	psig		F		gpm	ACFM
#!Description	MW SELECT	FUEL SUPPLY TEMPERATURE A	GAS FUEL SUPPLY PRESSURE	TOTAL OPERATIONAL HOURS	DE-MIN WATER SUPPLY TEMP(x10)	DE-MIN WATER SUPPLY PRESS(x10)	NOX WATER INJECTION FLOW(x10)	GAS FLOW FT2000(x10)
8:27:00 AM	35.233498	65.52653503	530.83667	28502	812	645	383	1478
8:28:00 AM	35.233498	65.63156128	531.01141	28562	812	652	384	1478
8:29:00 AM	35.357998	65.70693207	531.02856	28622	812	639	384	1480
8:30:00 AM	35.233498	65.79548645	530.76343	28682	813	637	385	1479
8:31:00 AM	35.233498	65.85810852	531.12775	28742	813	645	385	1474
8:32:00 AM	35.109001	65.98950195	531.5611	28802	812	638	386	1468
8:33:00 AM	35.109001	66.00862122	530.84967	28862	812	634	385	1486
8:34:00 AM	35.109001	66.11540222	528.27893	28922	812	644	389	1530
8:35:00 AM	34.984501	66.05805969	522.42987	28982	812	645	392	1588
8:36:00 AM	34.860001	66.05519867	518.32562	29042	812	642	393	1617
8:37:00 AM	34.860001	66.10969543	517.40588	29102	812	639	393	1625
8:38:00 AM	34.860001	66.25427246	517.69922	29162	812	639	393	1625
8:39:00 AM	34.860001	66.44235229	517.96704	29222	812	646	393	1621
8:40:00 AM	34.984501	66.70053101	518.29626	29282	812	644	392	1607
8:41:00 AM	34.860001	66.88928223	521.00238	29342	812	641	390	1576
8:42:00 AM	34.860001	67.10988617	521.9549	29402	812	640	389	1556
8:43:00 AM	34.860001	67.31510925	523.0238	29462	813	635	389	1549
8:44:00 AM	34.860001	67.41574097	523.85809	29522	813	645	389	1546
8:45:00 AM	34.860001	67.56669617	523.79169	29582	813	645	388	1544
8:46:00 AM	34.7355	67.65788269	524.67902	29642	812	641	388	1532
8:47:00 AM	34.7355	67.77346039	525.69714	29702	814	641	386	1519
8:48:00 AM	34.7355	67.90771484	527.16083	29762	813	643	386	1490
8:49:00 AM	34.7355	67.95759583	528.61688	29822	814	644	389	1474
8:50:00 AM	34.611	68.10458374	528.63824	29882	813	636	389	1467
8:51:00 AM	34.611	68.18083191	529.40198	29942	813	638	390	1461
8:52:00 AM	34.4865	68.19796753	529.68427	30002	813	643	390	1459
8:53:00 AM	34.4865	68.28762054	530.19769	30062	813	638	389	1451
8:54:00 AM	34.362	68.33068848	530.66235	30122	814	641	390	1445
8:55:00 AM	34.362	68.35946655	530.68866	30182	814	648	389	1443
8:56:00 AM	34.362	68.44978333	531.42529	30242	814	647	389	1441
8:57:00 AM	34.362	68.54667664	531.44171	30302	814	648	389	1439
8:58:00 AM	34.362	68.53898621	531.62744	30362	814	641	390	1440
8:59:00 AM	34.237499	68.55722046	531.70264	30422	814	643	390	1439
9:00:00 AM	34.237499	68.67785645	531.80219	30482	814	643	389	1438
9:01:00 AM	34.237499	68.7527771	532.18518	30542	815	651	389	1436
9:02:00 AM	34.112999	68.84309387	532.33624	30602	814	642	389	1432
9:03:00 AM	34.112999	68.89164734	532.80316	30662	815	640	389	1433
9:04:00 AM	34.112999	68.9806366	532.77722	30722	815	638	390	1431
9:05:00 AM	33.988499	69.11006165	533.2052	30782	815	643	388	1431
9:06:00 AM	33.988499	69.1816864	533.57526	30842	815	637	388	1429
9:07:00 AM	33.864002	69.28979492	533.69312	30902	816	632	388	1424
9:08:00 AM	33.864002	69.36581421	534.20618	30962	816	637	387	1420
9:09:00 AM	33.739502	69.48007202	533.57257	31022	816	646	388	1420
9:10:00 AM	33.864002	69.52511597	534.81958	31082	816	641	388	1418
9:11:00 AM	33.739502	69.66333008	534.60828	31142	816	638	388	1416
9:12:00 AM	33.739502	69.76506042	535.02637	31202	816	644	389	1417
9:13:00 AM	33.739502	69.86129761	535.05725	31262	817	642	388	1416
9:14:00 AM	33.739502	69.90480804	535.19843	31322	817	636	388	1417
9:15:00 AM	33.739502	70.01686859	535.03668	31382	817	644	388	1418
9:16:00 AM	33.615002	70.10058594	535.80682	31442	817	643	389	1416
9:17:00 AM	33.490501	70.15771484	535.71338	31502	817	643	389	1412
9:18:00 AM	33.739502	70.2227478	535.79846	31562	817	635	388	1416
9:19:00 AM	33.739502	70.30867004	535.86829	31622	817	638	388	1414
9:20:00 AM	33.615002	70.39699554	535.87091	31682	817	640	389	1412

9:21:00 AM	33.739502	70.44511414	536.47516	31742	817	634	388	1410
9:22:00 AM	33.615002	70.48071289	536.43512	31802	817	644	389	1410
9:23:00 AM	33.615002	70.58683777	536.34204	31862	817	641	389	1410
9:24:00 AM	33.490501	70.6397934	536.5755	31922	817	638	388	1409
9:25:00 AM	33.490501	70.65429688	536.3512	31982	818	643	388	1411
9:26:00 AM	33.490501	70.73690796	536.3764	32042	818	638	388	1409
9:27:00 AM	33.490501	70.75844574	536.69568	32102	818	641	388	1407
9:28:00 AM	33.490501	70.80195618	536.77844	32162	818	641	387	1407
9:29:00 AM	33.490501	70.86061859	536.66516	32222	818	634	388	1406
9:30:00 AM	33.365997	70.95576477	536.96692	32282	818	639	387	1403
9:31:00 AM	33.365997	71.04057312	536.82001	32342	818	644	387	1403
9:32:00 AM	33.365997	71.08320618	537.09509	32402	818	641	387	1402
9:33:00 AM	33.365997	71.1504364	536.48358	32462	818	642	387	1406
9:34:00 AM	33.117001	71.20910645	537.14618	32522	819	653	388	1399
9:35:00 AM	33.241501	71.31018066	537.14581	32582	819	637	387	1401
9:36:00 AM	33.117001	71.39345551	537.13666	32642	819	638	388	1400
9:37:00 AM	33.241501	71.49914551	537.03137	32702	820	645	388	1400
9:38:00 AM	33.241501	71.53385925	537.05884	32762	819	634	388	1401
9:39:00 AM	33.241501	71.58022308	537.27972	32822	819	634	388	1402
Average	34.16587	68.83036606	531.51584	30662	815.09589	641.109589	388.36986	1457.38356

Montrose corrected - GE Trend Test 1 Unit 2

ACFM	SCFM(68F)	lb/sec	lb/sec	ND		BTU/SCF (68F)	MM BTU/Hr		BTU/KWH
GAS FLOW	GAS FLOW	Gas Flow	NOX WATER INJECTION FLOW	Water/Fuel Ratio		HHV	Heat Input	Kw	Heat Rate
147.8	5,485	4.06	5.327	1.312		1,024	337	35,233	9,563
147.8	5,487	4.06	5.341	1.315		1,024	337	35,233	9,566
148.0	5,494	4.07	5.341	1.313		1,024	338	35,358	9,545
147.9	5,488	4.06	5.355	1.318		1,024	337	35,233	9,568
147.4	5,473	4.05	5.355	1.322		1,024	336	35,233	9,542
146.8	5,455	4.04	5.369	1.330		1,024	335	35,109	9,544
148.6	5,515	4.08	5.355	1.312		1,024	339	35,109	9,649
153.0	5,651	4.18	5.410	1.294		1,024	347	35,109	9,888
158.8	5,802	4.29	5.452	1.270		1,024	356	34,985	10,188
161.7	5,863	4.34	5.466	1.260		1,024	360	34,860	10,332
162.5	5,882	4.35	5.466	1.256		1,024	361	34,860	10,365
162.5	5,885	4.36	5.466	1.255		1,024	362	34,860	10,371
162.1	5,874	4.35	5.466	1.257		1,024	361	34,860	10,350
160.7	5,827	4.31	5.452	1.264		1,024	358	34,985	10,231
157.6	5,743	4.25	5.424	1.276		1,024	353	34,860	10,120
155.6	5,681	4.20	5.410	1.287		1,024	349	34,860	10,010
154.9	5,666	4.19	5.410	1.290		1,024	348	34,860	9,985
154.6	5,664	4.19	5.410	1.291		1,024	348	34,860	9,981
154.4	5,656	4.19	5.396	1.289		1,024	347	34,860	9,967
153.2	5,621	4.16	5.396	1.297		1,024	345	34,736	9,941
151.9	5,584	4.13	5.369	1.299		1,024	343	34,736	9,875
149.0	5,492	4.06	5.369	1.321		1,024	337	34,736	9,713
147.4	5,448	4.03	5.410	1.342		1,024	335	34,736	9,634
146.7	5,422	4.01	5.410	1.348		1,024	333	34,611	9,623
146.1	5,408	4.00	5.424	1.355		1,024	332	34,611	9,598
145.9	5,403	4.00	5.424	1.356		1,024	332	34,486	9,624
145.1	5,379	3.98	5.410	1.359		1,024	330	34,486	9,580
144.5	5,361	3.97	5.424	1.367		1,024	329	34,362	9,583
144.3	5,354	3.96	5.410	1.366		1,024	329	34,362	9,571
144.1	5,354	3.96	5.410	1.366		1,024	329	34,362	9,570
143.9	5,346	3.96	5.410	1.367		1,024	328	34,362	9,557
144.0	5,352	3.96	5.424	1.370		1,024	329	34,362	9,567
143.9	5,349	3.96	5.424	1.370		1,024	329	34,237	9,597
143.8	5,346	3.96	5.410	1.367		1,024	328	34,237	9,592
143.6	5,342	3.95	5.410	1.368		1,024	328	34,237	9,585
143.2	5,329	3.94	5.410	1.372		1,024	327	34,113	9,596
143.3	5,337	3.95	5.410	1.370		1,024	328	34,113	9,611
143.1	5,330	3.94	5.424	1.375		1,024	327	34,113	9,597
143.1	5,334	3.95	5.396	1.367		1,024	328	33,988	9,640
142.9	5,330	3.94	5.396	1.368		1,024	327	33,988	9,633
142.4	5,312	3.93	5.396	1.373		1,024	326	33,864	9,636
142.0	5,302	3.92	5.383	1.372		1,024	326	33,864	9,618
142.0	5,296	3.92	5.396	1.377		1,024	325	33,740	9,643
141.8	5,301	3.92	5.396	1.376		1,024	326	33,864	9,615
141.6	5,291	3.92	5.396	1.378		1,024	325	33,740	9,634
141.7	5,299	3.92	5.410	1.380		1,024	326	33,740	9,648
141.6	5,296	3.92	5.396	1.377		1,024	325	33,740	9,641
141.7	5,301	3.92	5.396	1.376		1,024	326	33,740	9,651
141.8	5,303	3.92	5.396	1.375		1,024	326	33,740	9,655
141.6	5,303	3.92	5.410	1.379		1,024	326	33,615	9,690
141.2	5,287	3.91	5.410	1.383		1,024	325	33,491	9,697
141.6	5,303	3.92	5.396	1.375		1,024	326	33,740	9,654
141.4	5,296	3.92	5.396	1.377		1,024	325	33,740	9,642
141.2	5,288	3.91	5.410	1.382		1,024	325	33,615	9,664

141.0	5,287	3.91	5.396	1.379	1,024	325	33,740	9,625
141.0	5,286	3.91	5.410	1.383	1,024	325	33,615	9,660
141.0	5,286	3.91	5.410	1.383	1,024	325	33,615	9,659
140.9	5,284	3.91	5.396	1.380	1,024	325	33,491	9,692
141.1	5,289	3.91	5.396	1.379	1,024	325	33,491	9,702
140.9	5,282	3.91	5.396	1.380	1,024	324	33,491	9,688
140.7	5,278	3.91	5.396	1.382	1,024	324	33,491	9,680
140.7	5,278	3.91	5.383	1.378	1,024	324	33,491	9,682
140.6	5,274	3.90	5.396	1.383	1,024	324	33,491	9,673
140.3	5,265	3.90	5.383	1.381	1,024	323	33,366	9,693
140.3	5,264	3.90	5.383	1.382	1,024	323	33,366	9,691
140.2	5,263	3.89	5.383	1.382	1,024	323	33,366	9,689
140.6	5,272	3.90	5.383	1.380	1,024	324	33,366	9,706
139.9	5,252	3.89	5.396	1.388	1,024	323	33,117	9,742
140.1	5,259	3.89	5.383	1.383	1,024	323	33,242	9,719
140.0	5,256	3.89	5.396	1.387	1,024	323	33,117	9,748
140.0	5,255	3.89	5.396	1.388	1,024	323	33,242	9,710
140.1	5,259	3.89	5.396	1.387	1,024	323	33,242	9,717
140.2	5,264	3.90	5.396	1.385	1,024	323	33,242	9,728
<b>145.738356</b>	<b>5412.916851</b>	<b>4.005973899</b>	<b>5.401577511</b>	<b>1.349715756</b>	<b>1023.789904</b>	<b>332.5013774</b>	<b>34165.8702</b>	<b>9730.709803</b>

GE Trend Test 2 Unit 2

Time	7268816_U1_ RX3i.MWSEL	7268816_U1_RX 3i.TE_2032	7268816_U 1_RX3i.PT_ 2027	7268816_U1_R X3i.CNT_OPHR S	7268816_U1 _RX3i.TE_20 37	7268816_U 1_RX3i.PT_ 2074	7268816_U 1_RX3i.FT_ 2003	7268816_U1 _RX3i.FT_20 00
#!Min	10	0	410	-10000	400	-100	-100	800
#!Max	50	100	480	30000	900	300	500	1700
#!Units	MW	F	psig		F		gpm	ACFM
#!Description	MW SELECT	FUEL SUPPLY TEMPERATURE A	GAS FUEL SUPPLY PRESSURE	TOTAL OPERATIONAL HOURS	DE-MIN WATER SUPPLY TEMP(x10)	DE-MIN WATER SUPPLY PRESS(x10)	NOX WATER INJECTION FLOW(x10)	GAS FLOW FT2000(x10)
9:55:00 AM	32.99250031	72.64523315	535.90906	33782	820	644	389	1408
9:56:00 AM	32.99250031	72.62854004	536.62012	33842	820	643	389	1408
9:57:00 AM	32.86800003	72.79377747	536.54193	33902	821	637	388	1405
9:58:00 AM	32.86800003	72.79860687	536.29437	33962	821	634	388	1405
9:59:00 AM	32.86800003	72.86320496	536.26843	34022	821	633	389	1403
10:00:00 AM	32.86800003	72.94714355	536.24286	34082	821	635	389	1406
10:01:00 AM	32.86800003	72.99196625	536.32678	34142	821	633	388	1403
10:02:00 AM	32.61899948	73.06337738	537.09357	34202	822	638	388	1396
10:03:00 AM	32.61899948	73.16972351	537.31061	34262	822	631	388	1395
10:04:00 AM	32.74349976	73.21147156	537.15228	34322	822	641	389	1398
10:05:00 AM	32.74349976	73.1993866	537.58142	34382	821	631	389	1398
10:06:00 AM	32.61899948	73.33122253	537.47845	34442	822	640	388	1396
10:07:00 AM	32.61899948	73.38461304	536.85321	34502	822	639	388	1401
10:08:00 AM	32.74349976	73.48019409	536.83832	34562	822	643	389	1404
10:09:00 AM	32.74349976	73.53930664	536.41608	34622	822	637	389	1408
10:10:00 AM	32.74349976	73.55249023	536.70709	34682	822	639	389	1411
10:11:00 AM	32.74349976	73.6282959	536.90894	34742	822	638	389	1408
10:12:00 AM	32.61899948	73.75090027	537.0058	34802	823	630	389	1404
10:13:00 AM	32.61899948	73.79968262	537.00311	34862	823	637	389	1405
10:14:00 AM	32.49449921	73.91108704	537.11908	34922	823	635	388	1398
10:15:00 AM	32.36999893	74.00117493	537.32703	34982	823	638	388	1396
10:16:00 AM	32.49449921	74.09565735	537.1618	35042	823	641	388	1394
10:17:00 AM	32.24549866	74.18310547	537.87976	35102	823	640	387	1390
10:18:00 AM	32.24549866	74.29384613	538.26239	35162	824	629	385	1383
10:19:00 AM	32.36999893	74.46237183	538.00409	35222	824	636	387	1385
10:20:00 AM	32.24549866	74.50895691	538.25476	35282	824	639	386	1382
10:21:00 AM	32.24549866	74.56191254	537.41357	35342	824	637	387	1386
10:22:00 AM	32.36999893	74.6656189	537.95453	35402	824	636	387	1388
10:23:00 AM	32.24549866	74.65177917	538.32416	35462	824	633	387	1390
10:24:00 AM	32.36999893	74.71395874	537.86334	35522	825	633	386	1389
10:25:00 AM	32.24549866	74.77043152	538.10406	35582	824	637	386	1390
10:26:00 AM	32.24549866	74.81086731	537.72333	35642	825	649	387	1393
10:27:00 AM	32.24549866	74.87062836	537.90076	35702	825	637	387	1394
10:28:00 AM	32.24549866	74.90908051	537.64441	35762	824	641	387	1395
10:29:00 AM	32.12099838	74.91677094	537.4613	35821	825	644	387	1395
10:30:00 AM	32.24549866	74.98774719	537.58948	35882	825	638	387	1395
10:31:00 AM	32.12099838	75.03915405	537.69739	35942	825	637	388	1396
10:32:00 AM	32.12099838	75.09738159	537.81378	36002	825	639	388	1396
10:33:00 AM	32.12099838	75.17802429	537.55548	36061	826	634	388	1399
10:34:00 AM	32.24549866	75.22505188	537.38916	36121	826	640	388	1404
10:35:00 AM	32.12099838	75.32106781	538.02472	36182	826	639	387	1395
10:36:00 AM	32.12099838	75.39115906	538.12048	36242	826	639	386	1394
10:37:00 AM	31.99650192	75.47444153	537.70087	36301	826	632	383	1390
10:38:00 AM	31.99650192	75.55639648	537.89996	36361	827	638	384	1391
10:39:00 AM	32.12099838	75.63175964	538.06592	36421	827	634	385	1393
10:40:00 AM	31.99650192	75.67240906	538.06439	36481	827	636	382	1388
10:41:00 AM	32.12099838	75.74909973	537.75885	36541	828	641	386	1393
10:42:00 AM	31.99650192	75.83325195	538.15479	36601	827	636	384	1388
10:43:00 AM	31.87199974	75.86775208	538.6709	36661	828	639	376	1378
10:44:00 AM	31.87199974	75.95849609	538.87427	36721	829	638	376	1378
10:45:00 AM	31.74749947	75.96948242	538.94293	36781	830	641	375	1376

10:46:00 AM	31.87199974	76.09472656	538.98566	36841	830	639	377	1380
10:47:00 AM	31.74749947	76.1257019	539.10846	36901	831	633	372	1375
10:48:00 AM	31.87199974	76.26985168	538.8136	36961	831	640	379	1383
10:49:00 AM	31.87199974	76.35510254	538.47253	37021	830	638	381	1388
10:50:00 AM	31.87199974	76.35400391	538.62476	37081	830	633	380	1387
10:51:00 AM	31.74749947	76.40629578	538.534	37141	830	644	377	1381
10:52:00 AM	31.74749947	76.47067261	538.56757	37201	830	645	377	1386
10:53:00 AM	31.87199974	76.53066254	538.48743	37261	830	636	380	1387
10:54:00 AM	31.74749947	76.60075378	538.94598	37321	831	636	374	1380
10:55:00 AM	31.87199974	76.65084839	538.5752	37381	831	642	378	1386
10:56:00 AM	31.62299919	76.68205261	538.99518	37441	831	645	374	1378
10:57:00 AM	31.62299919	76.79675293	538.99896	37501	833	651	368	1372
10:58:00 AM	31.87199974	76.8272934	538.44318	37561	833	640	375	1379
10:59:00 AM	31.49849892	76.86816406	539.38196	37621	833	636	367	1369
11:00:00 AM	31.49849892	76.94528198	539.71307	37681	834	636	362	1362
11:01:00 AM	31.37400055	77.07844543	540.15405	37741	836	630	357	1355
11:02:00 AM	31.49849892	77.12788391	539.94849	37801	836	637	359	1358
11:03:00 AM	31.49849892	77.14941406	540.19489	37861	836	630	357	1354
11:04:00 AM	31.37400055	77.27993011	540.38184	37921	837	633	352	1349
11:05:00 AM	31.62299919	77.30563354	539.82867	37981	837	641	361	1359
11:06:00 AM	31.62299919	77.33332825	539.92444	38041	836	642	362	1361
11:07:00 AM	31.49849892	77.33639526	540.19568	38101	837	647	357	1356
11:08:00 AM	31.49849892	77.43087769	540.19641	38161	838	648	356	1356
11:09:00 AM	31.37400055	77.45768738	540.46613	38221	839	642	354	1350
11:10:00 AM	31.49849892	77.54316711	540.35437	38281	839	636	354	1353
11:11:00 AM	31.49849892	77.60534668	540.21704	38341	839	640	356	1355
11:12:00 AM	31.49849892	77.62313843	540.32764	38401	839	656	356	1353
11:13:00 AM	31.24950027	77.72026062	540.42914	38461	840	643	350	1347
11:14:00 AM	31.37400055	77.72619629	540.54242	38521	840	639	352	1349
11:15:00 AM	31.37400055	77.7134552	540.1167	38581	840	630	353	1352
<b>Average</b>	<b>32.102555</b>	<b>75.31442449</b>	<b>538.23703</b>	<b>36181.48148</b>	<b>827.888889</b>	<b>638.23457</b>	<b>378.69136</b>	<b>1384.74074</b>

Montrose corrected - GE Trend Test 2 Unit 2

ACFM	SCFM(68F)	lb/sec	lb/sec	ND		BTU/SCF (68F)	MM BTU/Hr		BTU/KWH	
GAS FLOW	GAS FLOW	Gas Flow	NOX WATER INJECTION FLOW	Water/Fuel Ratio		HHV	Heat Input	Kw	Heat Rate	
140.8	5,274	3.90	5.410	1.386		1,024	324		32,993	9,819
140.8	5,281	3.91	5.410	1.384		1,024	324		32,993	9,832
140.5	5,269	3.90	5.396	1.384		1,024	324		32,868	9,847
140.5	5,266	3.90	5.396	1.385		1,024	323		32,868	9,842
140.3	5,259	3.89	5.410	1.390		1,024	323		32,868	9,828
140.6	5,270	3.90	5.410	1.387		1,024	324		32,868	9,848
140.3	5,259	3.89	5.396	1.386		1,024	323		32,868	9,829
139.6	5,240	3.88	5.396	1.392		1,024	322		32,619	9,868
139.5	5,238	3.88	5.396	1.392		1,024	322		32,619	9,865
139.8	5,248	3.88	5.410	1.393		1,024	322		32,743	9,846
139.8	5,252	3.89	5.410	1.392		1,024	323		32,743	9,853
139.6	5,244	3.88	5.396	1.391		1,024	322		32,619	9,875
140.1	5,257	3.89	5.396	1.387		1,024	323		32,619	9,899
140.4	5,268	3.90	5.410	1.388		1,024	324		32,743	9,882
140.8	5,279	3.91	5.410	1.385		1,024	324		32,743	9,903
141.1	5,293	3.92	5.410	1.381		1,024	325		32,743	9,929
140.8	5,283	3.91	5.410	1.384		1,024	325		32,743	9,912
140.4	5,269	3.90	5.410	1.387		1,024	324		32,619	9,923
140.5	5,273	3.90	5.410	1.386		1,024	324		32,619	9,930
139.8	5,248	3.88	5.396	1.389		1,024	322		32,494	9,921
139.6	5,242	3.88	5.396	1.391		1,024	322		32,370	9,948
139.4	5,233	3.87	5.396	1.393		1,024	321		32,494	9,893
139.0	5,225	3.87	5.383	1.392		1,024	321		32,245	9,954
138.3	5,202	3.85	5.355	1.391		1,024	320		32,245	9,910
138.5	5,207	3.85	5.383	1.397		1,024	320		32,370	9,882
138.2	5,199	3.85	5.369	1.395		1,024	319		32,245	9,903
138.6	5,206	3.85	5.383	1.397		1,024	320		32,245	9,917
138.8	5,218	3.86	5.383	1.394		1,024	321		32,370	9,903
139.0	5,229	3.87	5.383	1.391		1,024	321		32,245	9,962
138.9	5,221	3.86	5.369	1.389		1,024	321		32,370	9,908
139.0	5,227	3.87	5.369	1.388		1,024	321		32,245	9,958
139.3	5,235	3.87	5.383	1.389		1,024	322		32,245	9,972
139.4	5,240	3.88	5.383	1.388		1,024	322		32,245	9,983
139.5	5,242	3.88	5.383	1.388		1,024	322		32,245	9,985
139.5	5,240	3.88	5.383	1.388		1,024	322		32,121	10,021
139.5	5,241	3.88	5.383	1.388		1,024	322		32,245	9,984
139.6	5,246	3.88	5.396	1.390		1,024	322		32,121	10,032
139.6	5,247	3.88	5.396	1.390		1,024	322		32,121	10,034
139.9	5,256	3.89	5.396	1.387		1,024	323		32,121	10,051
140.4	5,273	3.90	5.396	1.383		1,024	324		32,245	10,045
139.5	5,245	3.88	5.383	1.387		1,024	322		32,121	10,031
139.4	5,242	3.88	5.369	1.384		1,024	322		32,121	10,025
139.0	5,223	3.87	5.327	1.378		1,024	321		31,997	10,028
139.1	5,229	3.87	5.341	1.380		1,024	321		31,997	10,039
139.3	5,238	3.88	5.355	1.381		1,024	322		32,121	10,017
138.8	5,219	3.86	5.313	1.375		1,024	321		31,997	10,020
139.3	5,235	3.87	5.369	1.386		1,024	322		32,121	10,012
138.8	5,220	3.86	5.341	1.382		1,024	321		31,997	10,022
137.8	5,187	3.84	5.230	1.362		1,024	319		31,872	9,998
137.8	5,189	3.84	5.230	1.362		1,024	319		31,872	10,001
137.6	5,182	3.84	5.216	1.360		1,024	318		31,747	10,027

138.0	5,198	3.85	5.243	1.363	1,024	319	31,872	10,018
137.5	5,180	3.83	5.174	1.350	1,024	318	31,747	10,023
138.3	5,208	3.85	5.271	1.368	1,024	320	31,872	10,037
138.8	5,223	3.87	5.299	1.371	1,024	321	31,872	10,067
138.7	5,221	3.86	5.285	1.368	1,024	321	31,872	10,062
138.1	5,197	3.85	5.243	1.363	1,024	319	31,747	10,056
138.6	5,217	3.86	5.243	1.358	1,024	320	31,747	10,093
138.7	5,220	3.86	5.285	1.368	1,024	321	31,872	10,060
138.0	5,197	3.85	5.202	1.352	1,024	319	31,747	10,056
138.6	5,217	3.86	5.257	1.362	1,024	320	31,872	10,054
137.8	5,190	3.84	5.202	1.354	1,024	319	31,623	10,082
137.2	5,168	3.82	5.118	1.338	1,024	317	31,623	10,039
137.9	5,189	3.84	5.216	1.358	1,024	319	31,872	10,001
136.9	5,160	3.82	5.104	1.337	1,024	317	31,498	10,063
136.2	5,137	3.80	5.035	1.324	1,024	316	31,498	10,018
135.5	5,114	3.79	4.965	1.312	1,024	314	31,374	10,014
135.8	5,124	3.79	4.993	1.317	1,024	315	31,498	9,992
135.4	5,111	3.78	4.965	1.313	1,024	314	31,498	9,967
134.9	5,094	3.77	4.896	1.299	1,024	313	31,374	9,973
135.9	5,127	3.79	5.021	1.323	1,024	315	31,623	9,958
136.1	5,135	3.80	5.035	1.325	1,024	315	31,623	9,975
135.6	5,119	3.79	4.965	1.311	1,024	314	31,498	9,982
135.6	5,119	3.79	4.951	1.307	1,024	314	31,498	9,982
135.0	5,098	3.77	4.924	1.305	1,024	313	31,374	9,982
135.3	5,109	3.78	4.924	1.302	1,024	314	31,498	9,963
135.5	5,115	3.79	4.951	1.308	1,024	314	31,498	9,975
135.3	5,109	3.78	4.951	1.310	1,024	314	31,498	9,962
134.7	5,087	3.76	4.868	1.293	1,024	312	31,250	9,999
134.9	5,095	3.77	4.896	1.298	1,024	313	31,374	9,976
135.2	5,103	3.78	4.910	1.300	1,024	313	31,374	9,991

**138.474074 5208.527723 3.854710258 5.266965638 1.366064085 1023.789904 319.9462859 32102.555 9967.153284**



GE Trend Test 3 Unit 2

	7268816_U1_R	7268816_U	7268816_U	7268816_U1_R	7268816_U1	7268816_U	7268816_U	7268816_U1
Time	X3i.MWSEL	1_RX3i.TE_2	1_RX3i.PT_	X3i.CNT_OPHR	_RX3i.TE_20	1_RX3i.PT_	1_RX3i.FT_	_RX3i.FT_20
		032	2027	S	37	2074	2003	00
#!Min	10	0	410	-10000	400	-100	-100	800
#!Max	50	100	480	30000	900	300	500	1700
#!Units	MW	F	psig		F		gpm	ACFM
#!Description	MW SELECT	FUEL SUPPLY TEMPERAT URE A	GAS FUEL SUPPLY PRESSURE	TOTAL OPERATIONAL HOURS	DE-MIN WATER SUPPLY TEMP(x10)	DE-MIN WATER SUPPLY PRESS(x10)	NOX WATER INJECTION FLOW(x10)	GAS FLOW FT2000(x10)
11:33:00 AM	31.00049973	78.8683319	539.93585	39661	843	645	350	1356
11:34:00 AM	31.00049973	78.972702	540.27808	39721	844	634	349	1355
11:35:00 AM	31.125	78.9531479	540.0274	39781	844	637	353	1357
11:36:00 AM	30.87599945	78.9953308	540.66486	39841	844	655	347	1350
11:37:00 AM	30.87599945	79.0577393	540.41803	39901	845	654	347	1348
11:38:00 AM	31.00049973	79.1230011	540.58514	39961	844	649	346	1347
11:39:00 AM	30.87599945	79.1331024	540.49512	40021	846	645	344	1342
11:40:00 AM	30.87599945	79.1610107	540.68396	40081	846	639	343	1344
11:41:00 AM	30.87599945	79.2157211	540.96393	40141	847	654	341	1336
11:42:00 AM	30.75150108	79.2739487	541.17603	40201	847	632	340	1336
11:43:00 AM	30.87599945	79.3088837	541.24127	40261	848	626	342	1339
11:44:00 AM	31.00049973	79.3479919	541.12567	40321	847	636	344	1340
11:45:00 AM	31.00049973	79.3449249	540.95441	40381	847	664	343	1341
11:46:00 AM	30.87599945	79.3877716	541.55371	40441	848	634	341	1333
11:47:00 AM	30.75150108	79.4824677	540.94373	40501	848	644	340	1330
11:48:00 AM	30.75150108	79.4416046	541.48157	40561	848	647	340	1332
11:49:00 AM	30.75150108	79.509491	541.34619	40621	849	616	339	1331
11:50:00 AM	30.87599945	79.5789337	541.72461	40681	849	656	340	1329
11:51:00 AM	30.87599945	79.5644226	541.91992	40741	849	642	340	1330
11:52:00 AM	30.75150108	79.5980454	542.27582	40801	849	655	336	1322
11:53:00 AM	30.75150108	79.6217804	542.05072	40861	851	617	337	1324
11:54:00 AM	30.50250053	79.7382355	543.01855	40921	851	650	331	1309
11:55:00 AM	30.75150108	79.7953644	542.21973	40981	852	650	336	1318
11:56:00 AM	30.62700081	79.8705063	542.79535	41041	852	661	332	1312
11:57:00 AM	30.50250053	79.8601837	543.0376	41101	852	647	332	1313
11:58:00 AM	30.50250053	79.9098358	542.76941	41161	852	641	334	1319
11:59:00 AM	30.50250053	79.9124756	542.30023	41221	852	625	335	1327
12:00:00 PM	30.62700081	79.9614716	541.37097	41281	852	670	339	1339
12:01:00 PM	30.50250053	79.9865265	541.79742	41341	851	633	337	1336
12:02:00 PM	30.75150108	79.9944305	540.91394	41401	852	633	341	1342
12:03:00 PM	30.62700081	80.0203552	540.37762	41461	852	647	342	1347
12:04:00 PM	30.62700081	80.0610046	540.28571	41521	851	633	343	1353
12:05:00 PM	30.62700081	80.1326447	539.68713	41581	850	638	349	1364
12:06:00 PM	30.50250053	80.1447296	539.73981	41641	851	637	349	1370
12:07:00 PM	30.50250053	80.1583481	539.33582	41701	850	648	351	1380
12:08:00 PM	30.25349998	80.1603241	539.64673	41761	850	636	347	1375
12:09:00 PM	30.37800026	80.2704086	539.48383	41821	850	618	348	1378
12:10:00 PM	30.25349998	80.3831329	539.12793	41881	852	641	347	1375
12:11:00 PM	30.37800026	80.4321289	538.86621	41941	852	633	349	1381
12:12:00 PM	30.25349998	80.502655	538.8277	42001	852	655	348	1380
12:13:00 PM	30.37800026	80.5747299	538.69	42061	851	641	350	1384
12:14:00 PM	30.25349998	80.6885529	539.01312	42121	851	632	349	1383
12:15:00 PM	30.12900162	80.7762146	538.97076	42181	853	643	344	1374
12:16:00 PM	30.25349998	80.8465271	538.77087	42241	853	634	345	1377
12:17:00 PM	30.25349998	80.8893738	538.513	42301	853	628	346	1377
12:18:00 PM	30.12900162	80.9337616	538.57477	42361	853	626	347	1378
12:19:00 PM	30.12900162	81.0018768	538.71405	42421	853	628	344	1375
12:20:00 PM	30.25349998	81.0827332	538.42566	42481	854	631	348	1381
12:21:00 PM	30.12900162	81.1000977	539.09509	42541	853	633	343	1373
12:22:00 PM	30.25349998	81.1405258	538.77966	42601	854	635	348	1381
12:23:00 PM	30.12900162	81.1873322	538.71252	42661	854	657	345	1378
12:24:00 PM	30.12900162	81.2009506	538.99097	42721	854	641	344	1376
12:25:00 PM	30.12900162	81.2317123	539.00775	42781	855	651	344	1378
12:26:00 PM	30.37800026	81.2525864	538.3009	42841	854	635	352	1388

12:27:00 PM	30.25349998	81.2374268	538.73883	42901	854	633	349	1384
12:28:00 PM	30.25349998	81.2818146	538.78192	42961	854	638	347	1380
12:29:00 PM	30.00450134	81.2974091	539.67841	43021	856	647	342	1372
12:30:00 PM	30.00450134	81.3044434	539.69977	43081	856	647	343	1371
12:31:00 PM	30.12900162	81.3730011	539.57269	43141	857	632	344	1374
12:32:00 PM	30.00450134	81.4165039	540.20789	43201	858	642	341	1367
12:33:00 PM	29.75549889	81.5013123	540.42987	43261	858	627	336	1361
12:34:00 PM	30.00450134	81.5	539.32245	43321	858	637	341	1371
12:35:00 PM	30.12900162	81.536911	539.67456	43381	858	643	342	1370
12:36:00 PM	30.12900162	81.5527344	539.35834	43441	858	634	343	1373
12:37:00 PM	29.88000107	81.5733872	539.38275	43501	858	650	341	1368
12:38:00 PM	29.88000107	81.6733627	539.50708	43561	860	623	339	1366
12:39:00 PM	29.88000107	81.7052231	539.66772	43621	860	642	337	1363
12:40:00 PM	29.88000107	81.7900391	539.33051	43681	860	626	340	1367
12:41:00 PM	29.75549889	81.7950897	539.99841	43741	860	654	336	1359
12:42:00 PM	29.75549889	81.884079	540.0072	43801	861	640	335	1360
12:43:00 PM	29.88000107	81.92099	540.06061	43861	862	634	336	1361
12:44:00 PM	29.63099861	81.9787827	540.16821	43921	861	670	334	1355
12:45:00 PM	29.75549889	82.0559082	540.18878	43981	862	655	335	1355
12:46:00 PM	29.88000107	82.0739288	540.12585	44041	862	657	337	1362
12:47:00 PM	29.88000107	82.1525879	540.27118	44101	862	660	336	1360
12:48:00 PM	29.88000107	82.178299	540.4104	44161	863	659	337	1360
12:49:00 PM	29.75549889	82.1941147	540.32459	44221	863	645	335	1357
12:50:00 PM	29.75549889	82.2222443	540.97882	44281	864	632	333	1352
12:51:00 PM	29.63099861	82.2686005	541.10852	44341	864	651	333	1349
12:52:00 PM	29.50650024	82.3804474	540.87732	44401	864	660	332	1347
12:53:00 PM	29.63099861	81.4591293	500.01581	44461	861	637	368	1468
12:54:00 PM	29.50650024	81.7346649	501.60388	44521	858	631	360	1452
12:55:00 PM	29.50650024	81.8454132	501.86407	44581	859	641	356	1444
12:56:00 PM	29.50650024	81.9519806	502.58276	44641	859	635	350	1431
<b>Average</b>	<b>30.31575037</b>	<b>80.6307371</b>	<b>538.38031</b>	<b>42151</b>	<b>853.5</b>	<b>641.35714</b>	<b>342.60714</b>	<b>1360.7381</b>

Montrose corrected - GE Trend Test 3 Unit 2

ACFM	SCFM(68F)	lb/sec	lb/sec	ND		BTU/SCF (68F)	MM BTU/Hr		BTU/KWH
GAS FLOW	GAS FLOW	Gas Flow	NOX WATER INJECTION FLOW	Water/Fuel Ratio		HHV	Heat Input	Kw	Heat Rate
135.6	5,116	3.79	4.868	1.286		1,024	314	31,000	10,138
135.5	5,116	3.79	4.854	1.282		1,024	314	31,000	10,137
135.7	5,121	3.79	4.910	1.295		1,024	315	31,125	10,106
135.0	5,100	3.77	4.826	1.279		1,024	313	30,876	10,147
134.8	5,090	3.77	4.826	1.281		1,024	313	30,876	10,127
134.7	5,088	3.77	4.812	1.278		1,024	313	31,000	10,082
134.2	5,069	3.75	4.784	1.275		1,024	311	30,876	10,084
134.4	5,078	3.76	4.771	1.269		1,024	312	30,876	10,102
133.6	5,050	3.74	4.743	1.269		1,024	310	30,876	10,047
133.6	5,052	3.74	4.729	1.265		1,024	310	30,752	10,092
133.9	5,064	3.75	4.757	1.269		1,024	311	30,876	10,075
134.0	5,067	3.75	4.784	1.276		1,024	311	31,000	10,040
134.1	5,069	3.75	4.771	1.272		1,024	311	31,000	10,044
133.3	5,044	3.73	4.743	1.270		1,024	310	30,876	10,035
133.0	5,027	3.72	4.729	1.271		1,024	309	30,752	10,042
133.2	5,040	3.73	4.729	1.268		1,024	310	30,752	10,067
133.1	5,035	3.73	4.715	1.265		1,024	309	30,752	10,057
132.9	5,031	3.72	4.729	1.270		1,024	309	30,876	10,008
133.0	5,036	3.73	4.729	1.269		1,024	309	30,876	10,019
132.2	5,009	3.71	4.673	1.261		1,024	308	30,752	10,006
132.4	5,015	3.71	4.687	1.263		1,024	308	30,752	10,017
130.9	4,966	3.68	4.604	1.253		1,024	305	30,503	10,001
131.8	4,993	3.70	4.673	1.265		1,024	307	30,752	9,974
131.2	4,976	3.68	4.618	1.254		1,024	306	30,627	9,980
131.3	4,982	3.69	4.618	1.252		1,024	306	30,503	10,032
131.9	5,002	3.70	4.645	1.255		1,024	307	30,503	10,073
132.7	5,028	3.72	4.659	1.252		1,024	309	30,503	10,126
133.9	5,065	3.75	4.715	1.258		1,024	311	30,627	10,159
133.6	5,058	3.74	4.687	1.252		1,024	311	30,503	10,185
134.2	5,072	3.75	4.743	1.263		1,024	312	30,752	10,132
134.7	5,086	3.76	4.757	1.264		1,024	312	30,627	10,201
135.3	5,108	3.78	4.771	1.262		1,024	314	30,627	10,245
136.4	5,144	3.81	4.854	1.275		1,024	316	30,627	10,317
137.0	5,167	3.82	4.854	1.269		1,024	317	30,503	10,406
138.0	5,201	3.85	4.882	1.268		1,024	319	30,503	10,474
137.5	5,185	3.84	4.826	1.258		1,024	319	30,253	10,528
137.8	5,195	3.84	4.840	1.259		1,024	319	30,378	10,505
137.5	5,180	3.83	4.826	1.259		1,024	318	30,253	10,518
138.1	5,201	3.85	4.854	1.261		1,024	319	30,378	10,516
138.0	5,196	3.85	4.840	1.259		1,024	319	30,253	10,551
138.4	5,210	3.86	4.868	1.262		1,024	320	30,378	10,535
138.3	5,209	3.86	4.854	1.259		1,024	320	30,253	10,577
137.4	5,175	3.83	4.784	1.249		1,024	318	30,129	10,551
137.7	5,185	3.84	4.798	1.251		1,024	318	30,253	10,527
137.7	5,182	3.84	4.812	1.255		1,024	318	30,253	10,522
137.8	5,186	3.84	4.826	1.257		1,024	319	30,129	10,574
137.5	5,176	3.83	4.784	1.249		1,024	318	30,129	10,554
138.1	5,196	3.85	4.840	1.259		1,024	319	30,253	10,551
137.3	5,173	3.83	4.771	1.246		1,024	318	30,129	10,546
138.1	5,200	3.85	4.840	1.258		1,024	319	30,253	10,558
137.8	5,188	3.84	4.798	1.250		1,024	319	30,129	10,577
137.6	5,183	3.84	4.784	1.247		1,024	318	30,129	10,567
137.8	5,191	3.84	4.784	1.246		1,024	319	30,129	10,583
138.8	5,222	3.86	4.896	1.267		1,024	321	30,378	10,558

138.4	5,211	3.86	4.854	1.259	1,024	320	30,253	10,580
138.0	5,196	3.85	4.826	1.255	1,024	319	30,253	10,550
137.2	5,174	3.83	4.757	1.242	1,024	318	30,005	10,593
137.1	5,171	3.83	4.771	1.247	1,024	318	30,005	10,586
137.4	5,181	3.83	4.784	1.248	1,024	318	30,129	10,563
136.7	5,160	3.82	4.743	1.242	1,024	317	30,005	10,564
136.1	5,140	3.80	4.673	1.229	1,024	316	29,755	10,610
137.1	5,167	3.82	4.743	1.240	1,024	317	30,005	10,578
137.0	5,167	3.82	4.757	1.244	1,024	317	30,129	10,534
137.3	5,175	3.83	4.771	1.246	1,024	318	30,129	10,551
136.8	5,156	3.82	4.743	1.243	1,024	317	29,880	10,600
136.6	5,150	3.81	4.715	1.237	1,024	316	29,880	10,587
136.3	5,140	3.80	4.687	1.232	1,024	316	29,880	10,567
136.7	5,152	3.81	4.729	1.240	1,024	316	29,880	10,592
135.9	5,128	3.80	4.673	1.231	1,024	315	29,755	10,587
136.0	5,132	3.80	4.659	1.227	1,024	315	29,755	10,594
136.1	5,136	3.80	4.673	1.229	1,024	316	29,880	10,559
135.5	5,115	3.79	4.645	1.227	1,024	314	29,631	10,603
135.5	5,115	3.79	4.659	1.231	1,024	314	29,755	10,559
136.2	5,141	3.80	4.687	1.232	1,024	316	29,880	10,568
136.0	5,134	3.80	4.673	1.230	1,024	315	29,880	10,555
136.0	5,136	3.80	4.687	1.233	1,024	315	29,880	10,558
135.7	5,124	3.79	4.659	1.229	1,024	315	29,755	10,577
135.2	5,111	3.78	4.631	1.225	1,024	314	29,755	10,551
134.9	5,101	3.77	4.631	1.227	1,024	313	29,631	10,574
134.7	5,091	3.77	4.618	1.226	1,024	313	29,507	10,598
146.8	5,140	3.80	5.118	1.345	1,024	316	29,631	10,656
145.2	5,100	3.77	5.007	1.327	1,024	313	29,507	10,617
144.4	5,074	3.76	4.951	1.318	1,024	312	29,507	10,564
143.1	5,036	3.73	4.868	1.306	1,024	309	29,507	10,483
<b>136.07381</b>	<b>5118.450477</b>	<b>3.788046183</b>	<b>4.765094345</b>	<b>1.257991063</b>	<b>1023.789904</b>	<b>314.4130754</b>	<b>30315.75037</b>	<b>10374.25025</b>

## **Appendix B.3 Montrose RM Data**



**Instrumental Reference Method Uncorrected Measurements and Calibration Results**

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 1
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	9/20/2021
Operator:	Tom Cassin
F Factor Information	
F <sub>c</sub>	-
F <sub>d</sub>	8615.6

**Test Run Average Analyzer Responses and Support Data**

Run Number	Test Date	Start Minute	End Minute	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	O <sub>2</sub> (% vol)	CO <sub>2</sub> (% vol)	Volumetric Flowrate DSCFM	Moisture Fraction B <sub>ws</sub>
1	09/20/21	10:26	11:58	13.82	18.63	-	15.77	3.05	-	-
2	09/20/21	12:19	13:47	8.77	20.91	-	15.79	3.04	-	-
3	09/20/21	14:05	15:31	27.15	17.52	-	15.94	2.9	-	-

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**Method 25A Test Data**


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Client:	GE
Facility:	Greenleaf 1
Test Location:	Stack
Project Number:	PROJ-01221
Test Date:	September 20, 2021
Operator:	Tom Cassin

Sampling Location		Source 1	
Calibration Span		20	
Run	Start Time	End Time	Run Average
1	10:26	11:58	0.62
2	12:19	13:47	0.25
3	14:05	15:31	2.12

**GE Power  
Greenleaf1 GT1  
Base Load**

**Test 1**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>CO2%</b>	<b>UHC ppmvw</b>
9/20/21 10:26 AM	7.98	4.43	18.79	1.24	0.80
9/20/21 10:27 AM	7.61	3.81	19.07	1.28	1.19
9/20/21 10:28 AM	7.53	4.06	18.91	1.17	0.89
9/20/21 10:29 AM	8.20	4.29	18.83	1.28	0.96
9/20/21 10:30 AM	8.22	4.32	18.81	1.31	0.81
9/20/21 10:31 AM	8.05	4.46	18.86	1.32	1.28
9/20/21 10:32 AM	8.05	4.21	18.82	1.28	1.11
9/20/21 10:33 AM	8.19	4.31	18.80	1.29	0.84
9/20/21 10:34 AM	8.19	4.44	18.81	1.30	0.90
9/20/21 10:35 AM	8.29	4.42	18.85	1.32	0.75
9/20/21 10:36 AM	8.22	4.37	18.85	1.30	0.71
9/20/21 10:37 AM	7.99	4.71	18.81	1.30	1.13
9/20/21 10:38 AM	7.80	5.23	18.70	1.28	1.02
9/20/21 10:39 AM	10.71	10.81	17.76	1.46	1.46
9/20/21 10:40 AM	10.93	19.59	17.43	1.97	1.81
9/20/21 10:48 AM	13.88	29.42	16.35	2.69	1.94
9/20/21 10:49 AM	14.38	25.67	16.45	2.71	1.15
9/20/21 10:50 AM	14.97	18.97	16.43	2.69	0.85
9/20/21 10:51 AM	15.85	15.30	16.40	2.71	0.82
9/20/21 10:52 AM	16.40	12.44	16.45	2.72	0.63
9/20/21 10:53 AM	15.77	10.74	16.72	2.69	1.00
9/20/21 10:54 AM	15.47	10.28	16.75	2.57	0.72
9/20/21 10:55 AM	15.71	10.01	16.66	2.58	0.60
9/20/21 10:56 AM	15.52	9.65	16.68	2.57	0.72
9/20/21 10:57 AM	15.98	9.79	16.71	2.59	0.59
9/20/21 10:58 AM	15.71	10.00	16.71	2.59	0.57
9/20/21 10:59 AM	15.73	10.11	16.60	2.57	0.50
9/20/21 11:00 AM	15.46	10.01	16.30	2.61	0.39
9/20/21 11:01 AM	19.44	12.13	15.87	2.91	0.40
9/20/21 11:02 AM	18.79	11.40	15.78	3.06	0.48
9/20/21 11:06 AM	23.48	15.54	14.55	3.76	0.44
9/20/21 11:07 AM	23.39	15.54	14.54	3.77	0.38
9/20/21 11:08 AM	23.50	15.57	14.50	3.79	0.34
9/20/21 11:09 AM	23.75	15.01	14.53	3.79	0.28
9/20/21 11:10 AM	23.61	15.37	14.55	3.79	0.33
9/20/21 11:11 AM	22.93	14.77	14.69	3.71	0.40
9/20/21 11:12 AM	22.23	17.49	14.65	3.69	0.68
9/20/21 11:13 AM	18.18	22.79	14.92	3.58	0.73
9/20/21 11:14 AM	21.73	20.76	14.50	3.62	0.38
9/20/21 11:15 AM	22.47	17.42	14.48	3.77	0.31
9/20/21 11:16 AM	23.35	15.50	14.30	3.78	0.40
9/20/21 11:17 AM	23.79	15.35	14.29	3.88	0.25



9/20/21 11:18 AM	23.78	15.50	14.32	3.86	0.37
9/20/21 11:19 AM	23.52	15.79	14.36	3.87	0.26
9/20/21 11:20 AM	23.61	15.63	14.37	3.86	0.32
9/20/21 11:25 AM	23.38	17.47	14.51	3.78	0.52
9/20/21 11:26 AM	23.31	17.49	14.50	3.78	0.46
9/20/21 11:27 AM	23.54	17.58	14.53	3.76	0.44
9/20/21 11:28 AM	23.32	17.98	14.48	3.74	0.47
9/20/21 11:29 AM	23.24	18.06	14.52	3.79	0.51
9/20/21 11:30 AM	23.48	17.30	14.41	3.80	0.47
9/20/21 11:31 AM	23.51	16.99	14.41	3.83	0.42
9/20/21 11:32 AM	23.54	17.06	14.43	3.82	0.45
9/20/21 11:33 AM	23.57	16.79	14.41	3.84	0.46
9/20/21 11:34 AM	23.27	17.07	14.42	3.84	0.46
9/20/21 11:35 AM	23.57	16.94	14.39	3.81	0.48
9/20/21 11:36 AM	23.56	16.80	14.42	3.83	0.46
9/20/21 11:37 AM	23.38	16.92	14.41	3.84	0.36
9/20/21 11:38 AM	23.36	16.38	14.43	3.82	0.39
9/20/21 11:44 AM	22.34	17.36	14.72	3.59	0.51
9/20/21 11:45 AM	22.49	17.21	14.67	3.67	0.46
9/20/21 11:46 AM	22.70	17.07	14.63	3.69	0.51
9/20/21 11:47 AM	22.58	17.44	14.66	3.70	0.51
9/20/21 11:48 AM	22.53	17.18	14.72	3.71	0.44
9/20/21 11:49 AM	23.23	15.59	14.65	3.68	0.31
9/20/21 11:50 AM	23.16	15.44	14.65	3.70	0.52
9/20/21 11:51 AM	22.95	15.87	14.69	3.66	0.40
9/20/21 11:52 AM	23.02	14.92	14.69	3.68	0.38
9/20/21 11:53 AM	22.99	15.31	14.65	3.69	0.34
9/20/21 11:54 AM	23.22	15.07	14.64	3.68	0.34
9/20/21 11:55 AM	23.19	15.36	14.64	3.70	0.39
9/20/21 11:56 AM	22.48	15.74	14.71	3.69	0.42
9/20/21 11:57 AM	22.51	15.48	14.71	3.67	0.38
9/20/21 11:58 AM	22.63	15.26	14.74	3.69	0.38
<b>Average</b>	<b>18.63</b>	<b>13.82</b>	<b>15.77</b>	<b>3.05</b>	<b>0.62</b>

**GE Power  
Greenleaf1 GT1  
Base Load**

**Test 2**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>CO2%</b>	<b>UHC ppmvw</b>
9/20/21 12:19 PM	22.97	15.58	14.81	3.63	0.33
9/20/21 12:20 PM	24.31	13.16	14.78	3.63	0.23
9/20/21 12:21 PM	24.20	13.61	14.82	3.60	0.17
9/20/21 12:22 PM	24.17	13.10	14.90	3.64	0.33
9/20/21 12:23 PM	23.62	14.71	14.81	3.59	0.29
9/20/21 12:24 PM	23.77	13.93	14.67	3.59	0.20
9/20/21 12:25 PM	24.94	13.16	14.64	3.68	0.14
9/20/21 12:26 PM	25.02	13.19	14.67	3.72	0.15
9/20/21 12:27 PM	24.06	13.27	14.71	3.66	0.12
9/20/21 12:28 PM	25.10	11.85	14.72	3.67	0.14
9/20/21 12:29 PM	24.91	12.59	14.69	3.66	0.17
9/20/21 12:30 PM	25.07	12.21	14.67	3.68	0.17
9/20/21 12:31 PM	25.11	11.82	14.72	3.68	0.08
9/20/21 12:32 PM	26.03	10.11	14.78	3.66	0.11
9/20/21 12:37 PM	26.56	10.92	14.63	3.73	0.16
9/20/21 12:38 PM	26.23	11.19	14.62	3.71	0.11
9/20/21 12:39 PM	26.91	10.85	14.59	3.71	0.10
9/20/21 12:40 PM	26.28	11.24	14.60	3.72	0.07
9/20/21 12:41 PM	26.69	10.87	14.61	3.72	0.14
9/20/21 12:42 PM	27.24	10.51	14.56	3.75	0.09
9/20/21 12:43 PM	26.98	10.73	14.54	3.74	0.12
9/20/21 12:44 PM	26.36	11.48	14.51	3.77	0.08
9/20/21 12:45 PM	25.96	12.50	14.49	3.77	0.07
9/20/21 12:46 PM	26.78	11.45	14.52	3.79	0.09
9/20/21 12:47 PM	26.73	11.56	14.51	3.76	0.21
9/20/21 12:48 PM	26.25	11.55	14.49	3.75	0.19
9/20/21 12:49 PM	26.65	11.28	14.51	3.78	0.13
9/20/21 12:50 PM	26.29	11.51	14.48	3.75	0.06
9/20/21 12:51 PM	26.39	10.46	14.61	3.77	0.03
9/20/21 12:56 PM	26.28	10.80	14.60	3.73	0.07
9/20/21 12:57 PM	26.13	11.21	14.57	3.72	0.07
9/20/21 12:58 PM	26.74	10.83	14.56	3.73	0.04
9/20/21 12:59 PM	25.77	11.83	14.56	3.73	0.08
9/20/21 1:00 PM	25.87	11.13	14.93	3.77	0.14
9/20/21 1:01 PM	24.52	10.10	15.02	3.54	0.05
9/20/21 1:02 PM	25.98	9.79	14.92	3.55	0.12
9/20/21 1:03 PM	24.92	9.44	14.92	3.52	0.16
9/20/21 1:04 PM	25.28	9.35	14.96	3.53	0.06
9/20/21 1:05 PM	25.54	9.36	14.91	3.51	-0.03
9/20/21 1:06 PM	26.12	8.70	14.94	3.52	0.04
9/20/21 1:07 PM	25.23	9.20	14.91	3.53	0.06
9/20/21 1:08 PM	25.96	8.81	14.88	3.51	0.10

9/20/21 1:09 PM	27.38	10.22	14.37	3.62	-0.02
9/20/21 1:14 PM	18.78	6.69	16.31	2.73	0.20
9/20/21 1:15 PM	19.08	6.26	16.26	2.75	0.20
9/20/21 1:16 PM	19.08	6.49	16.26	2.76	0.12
9/20/21 1:17 PM	19.13	6.61	16.36	2.77	0.22
9/20/21 1:18 PM	18.56	6.68	16.41	2.78	0.23
9/20/21 1:19 PM	18.01	6.34	16.60	2.74	0.15
9/20/21 1:20 PM	18.22	6.08	16.56	2.63	0.34
9/20/21 1:21 PM	18.91	5.99	16.67	2.63	0.13
9/20/21 1:22 PM	19.10	5.89	16.63	2.58	0.23
9/20/21 1:23 PM	19.09	5.63	16.17	2.59	0.10
9/20/21 1:24 PM	18.11	6.69	15.62	2.87	0.12
9/20/21 1:25 PM	18.54	6.94	16.76	3.12	0.24
9/20/21 1:26 PM	18.02	5.57	16.86	2.66	0.24
9/20/21 1:27 PM	18.11	5.43	16.83	2.49	0.83
9/20/21 1:28 PM	17.99	6.53	16.26	2.60	0.11
9/20/21 1:33 PM	8.78	2.80	18.81	1.28	0.61
9/20/21 1:34 PM	8.54	3.04	18.79	1.27	0.78
9/20/21 1:35 PM	9.47	2.87	18.80	1.29	0.74
9/20/21 1:36 PM	9.58	2.88	18.77	1.30	0.91
9/20/21 1:37 PM	9.54	3.17	18.67	1.35	0.84
9/20/21 1:38 PM	8.99	3.15	18.67	1.36	0.56
9/20/21 1:39 PM	9.02	3.16	18.65	1.40	1.19
9/20/21 1:40 PM	9.11	3.39	18.62	1.40	0.51
9/20/21 1:41 PM	9.22	3.07	18.38	1.39	0.72
9/20/21 1:42 PM	9.98	3.99	18.16	1.54	0.84
9/20/21 1:43 PM	9.65	3.97	18.16	1.67	0.66
9/20/21 1:44 PM	10.48	4.77	17.37	1.78	0.26
9/20/21 1:45 PM	10.79	4.93	17.37	2.16	0.43
9/20/21 1:46 PM	10.63	5.15	17.43	2.17	0.38
9/20/21 1:47 PM	10.59	5.13	17.40	2.15	0.38
<b>Average</b>	<b>20.91</b>	<b>8.77</b>	<b>15.79</b>	<b>3.04</b>	<b>0.25</b>

**GE Power  
Greenleaf1 GT1  
Base Load**

**Test 3**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>CO2%</b>	<b>UHC ppmvw</b>
9/20/21 2:05 PM	7.91	1.98	19.25	1.05	0.74
9/20/21 2:06 PM	7.58	2.40	18.84	1.03	0.58
9/20/21 2:07 PM	7.34	2.53	18.87	1.22	1.04
9/20/21 2:08 PM	8.40	2.68	18.85	1.23	0.74
9/20/21 2:09 PM	8.31	2.67	18.89	1.23	0.93
9/20/21 2:10 PM	8.44	2.61	18.85	1.23	1.02
9/20/21 2:11 PM	8.65	2.71	18.82	1.28	0.86
9/20/21 2:12 PM	9.62	2.71	18.78	1.29	0.95
9/20/21 2:13 PM	9.55	2.70	18.77	1.29	0.77
9/20/21 2:14 PM	9.93	2.76	18.78	1.31	0.49
9/20/21 2:15 PM	9.88	2.73	18.78	1.31	0.64
9/20/21 2:16 PM	10.06	2.85	18.78	1.31	0.62
9/20/21 2:17 PM	10.12	2.63	18.77	1.31	0.84
9/20/21 2:18 PM	10.18	2.51	18.82	1.29	0.74
9/20/21 2:23 PM	19.92	5.46	16.60	2.60	0.26
9/20/21 2:24 PM	19.96	5.29	16.65	2.60	0.35
9/20/21 2:25 PM	19.51	5.36	16.62	2.59	0.44
9/20/21 2:26 PM	19.66	5.49	16.48	2.59	0.25
9/20/21 2:27 PM	19.72	4.93	16.69	2.59	1.30
9/20/21 2:28 PM	19.14	4.98	16.66	2.55	0.30
9/20/21 2:29 PM	19.82	5.03	16.72	2.53	0.28
9/20/21 2:30 PM	19.61	5.29	16.70	2.54	1.04
9/20/21 2:31 PM	19.53	5.15	16.69	2.53	0.32
9/20/21 2:32 PM	19.75	5.26	16.67	2.54	0.20
9/20/21 2:33 PM	19.65	5.31	16.91	2.56	0.25
9/20/21 2:34 PM	18.09	6.04	16.81	2.44	0.43
9/20/21 2:35 PM	16.89	7.75	16.82	2.46	0.44
9/20/21 2:36 PM	15.92	9.48	16.54	2.44	0.48
9/20/21 2:40 PM	20.73	32.79	14.72	3.51	2.12
9/20/21 2:41 PM	20.61	39.68	14.65	3.60	1.95
9/20/21 2:42 PM	20.05	43.98	14.65	3.62	4.55
9/20/21 2:43 PM	19.64	44.09	14.63	3.61	4.34
9/20/21 2:44 PM	19.66	40.64	14.67	3.59	2.10
9/20/21 2:45 PM	21.07	36.75	14.69	3.60	1.73
9/20/21 2:46 PM	20.57	42.48	15.00	3.59	2.32
9/20/21 2:47 PM	20.06	45.07	14.56	3.50	2.92
9/20/21 2:48 PM	19.82	41.37	14.78	3.60	2.17
9/20/21 2:49 PM	20.41	35.92	14.78	3.53	2.48
9/20/21 2:50 PM	19.84	40.27	14.78	3.53	2.14
9/20/21 2:51 PM	19.72	43.56	14.77	3.57	2.29
9/20/21 2:52 PM	19.70	40.24	15.23	3.54	2.19
9/20/21 2:53 PM	18.80	35.39	14.66	3.32	3.15

9/20/21 2:58 PM	20.37	47.11	14.65	3.62	4.06
9/20/21 2:59 PM	19.62	43.38	14.65	3.61	4.01
9/20/21 3:00 PM	20.86	45.48	14.63	3.62	3.96
9/20/21 3:01 PM	20.21	42.95	14.64	3.61	3.82
9/20/21 3:02 PM	20.31	45.67	14.63	3.60	4.14
9/20/21 3:03 PM	19.26	44.59	14.60	3.61	4.20
9/20/21 3:04 PM	20.54	42.32	14.58	3.64	4.11
9/20/21 3:05 PM	19.68	43.85	14.59	3.63	3.37
9/20/21 3:06 PM	20.23	39.64	14.58	3.60	2.13
9/20/21 3:07 PM	20.95	44.50	14.52	3.64	3.43
9/20/21 3:08 PM	20.32	46.32	14.53	3.69	2.67
9/20/21 3:09 PM	20.29	46.05	14.55	3.66	2.90
9/20/21 3:10 PM	21.00	44.08	14.56	3.66	2.64
9/20/21 3:11 PM	20.16	46.42	14.61	3.65	2.68
9/20/21 3:18 PM	19.46	46.56	14.92	3.47	3.18
9/20/21 3:19 PM	19.50	44.15	14.89	3.45	4.63
9/20/21 3:20 PM	18.41	43.68	14.90	3.50	3.75
9/20/21 3:21 PM	18.99	45.50	14.70	3.53	4.12
9/20/21 3:22 PM	19.05	44.95	14.69	3.56	3.37
9/20/21 3:23 PM	19.42	42.60	14.68	3.56	4.07
9/20/21 3:24 PM	19.00	44.32	14.72	3.56	4.14
9/20/21 3:25 PM	19.18	42.76	14.71	3.55	4.06
9/20/21 3:26 PM	19.28	41.48	14.71	3.57	3.08
9/20/21 3:27 PM	19.79	44.88	14.77	3.55	3.05
9/20/21 3:28 PM	19.65	38.33	14.89	3.52	2.10
9/20/21 3:29 PM	19.10	40.57	14.87	3.44	2.62
9/20/21 3:30 PM	19.22	38.09	14.90	3.46	2.33
9/20/21 3:31 PM	19.03	40.63	14.90	3.45	1.99
<b>Average</b>	<b>17.52</b>	<b>27.15</b>	<b>15.94</b>	<b>2.90</b>	<b>2.12</b>



**Instrumental Reference Method Uncorrected Measurements and Calibration Results**

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 2
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	9/21/2021
Operator:	Tom Cassin
F Factor Information	
F <sub>c</sub>	
F <sub>d</sub>	8621.5

**Test Run Average Analyzer Responses and Support Data**

Run Number	Test Date	Start Minute	End Minute	CO (ppm)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	O <sub>2</sub> (% vol)	CO <sub>2</sub> (% vol)	Volumetric Flowrate DSCFM	Moisture Fraction B <sub>ws</sub>
1	09/21/21	8:19	9:39	10.97	19.19	-	15.63	3.12	-	-
2	09/21/21	9:55	11:15	12.54	17.78	-	15.74	3.04	-	-
3	09/21/21	11:33	12:56	9.91	18.66	-	15.98	2.87	-	-

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**Method 25A Test Data**


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Client:	GE
Facility:	Greenleaf 1
Test Location:	Stack GT2
Project Number:	PROJ-011221
Test Date:	9/21/2021
Operator:	Tom Cassin

Sampling Location		Source 1	
Calibration Span		20	
Run	Start Time	End Time	Run Average
1	8:19	9:39	0.97
2	9:55	11:15	0.72
3	11:33	12:56	0.51

**GE Power**  
**Greenleaf1 GT2**  
**Base Load**

**Test 1**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>CO2%</b>	<b>UHC ppmvw</b>
9/21/21 8:19 AM	24.02	11.36	14.86	3.62	1.39
9/21/21 8:20 AM	24.11	11.60	14.84	3.60	1.41
9/21/21 8:21 AM	24.25	11.95	14.86	3.58	1.43
9/21/21 8:22 AM	24.43	13.19	14.69	3.60	1.21
9/21/21 8:23 AM	24.83	11.72	14.69	3.67	1.08
9/21/21 8:24 AM	24.93	11.38	14.64	3.69	0.96
9/21/21 8:25 AM	24.99	11.73	14.65	3.70	0.86
9/21/21 8:26 AM	25.01	11.06	14.65	3.71	0.83
9/21/21 8:27 AM	24.91	11.14	14.67	3.72	0.98
9/21/21 8:28 AM	25.00	11.85	14.63	3.72	1.17
9/21/21 8:29 AM	24.97	11.70	14.71	3.69	1.00
9/21/21 8:30 AM	25.28	11.99	14.48	3.70	1.29
9/21/21 8:31 AM	25.27	11.69	14.53	3.75	0.85
9/21/21 8:32 AM	25.15	10.89	14.49	3.77	0.69
9/21/21 8:33 AM	24.97	10.42	14.27	3.71	0.65
9/21/21 8:36 AM	22.75	19.55	14.40	3.80	0.84
9/21/21 8:37 AM	22.07	22.18	14.41	3.77	1.07
9/21/21 8:38 AM	21.60	23.63	14.43	3.78	1.23
9/21/21 8:39 AM	21.44	25.40	14.42	3.74	1.03
9/21/21 8:40 AM	21.71	25.17	14.38	3.78	1.14
9/21/21 8:41 AM	22.09	23.78	14.37	3.79	1.03
9/21/21 8:42 AM	22.63	19.71	14.39	3.78	0.76
9/21/21 8:43 AM	23.25	16.34	14.40	3.77	0.67
9/21/21 8:44 AM	23.28	16.21	14.39	3.81	0.79
9/21/21 8:45 AM	23.30	16.41	14.40	3.80	0.74
9/21/21 8:46 AM	23.49	15.99	14.30	3.82	0.60
9/21/21 8:47 AM	23.70	15.51	14.31	3.89	0.58
9/21/21 8:48 AM	23.83	14.20	14.32	3.85	0.30
9/21/21 8:49 AM	24.21	13.21	14.31	3.84	0.39
9/21/21 8:50 AM	23.85	12.64	14.33	3.85	0.43
9/21/21 8:53 AM	23.58	10.41	14.46	3.79	0.02
9/21/21 8:54 AM	23.63	10.58	14.46	3.80	0.11
9/21/21 8:55 AM	23.48	10.69	14.46	3.80	0.13
9/21/21 8:56 AM	23.51	10.68	14.45	3.79	0.17
9/21/21 8:57 AM	23.50	10.51	14.41	3.77	0.01
9/21/21 8:58 AM	23.69	10.60	14.40	3.82	0.11
9/21/21 8:59 AM	23.46	11.21	14.43	3.85	-0.05
9/21/21 9:00 AM	22.82	11.16	14.51	3.82	0.07
9/21/21 9:01 AM	22.79	11.08	14.54	3.78	0.07
9/21/21 9:02 AM	22.96	10.80	14.53	3.75	-0.03
9/21/21 9:03 AM	22.80	11.27	14.53	3.75	0.25
9/21/21 9:04 AM	23.17	11.56	14.23	3.75	0.00



9/21/21 9:05 AM	23.80	11.92	14.23	3.90	-0.03
9/21/21 9:06 AM	23.84	11.50	14.21	3.91	0.01
9/21/21 9:07 AM	23.59	12.18	14.28	3.91	0.04
9/21/21 9:10 AM	12.20	5.73	17.53	2.44	0.46
9/21/21 9:11 AM	12.10	5.32	17.61	2.10	0.24
9/21/21 9:12 AM	12.29	5.59	17.59	2.05	3.38
9/21/21 9:13 AM	12.05	5.61	17.57	2.08	0.75
9/21/21 9:14 AM	11.97	5.58	17.62	2.05	0.34
9/21/21 9:15 AM	12.05	5.41	17.61	2.05	0.23
9/21/21 9:16 AM	16.49	8.37	16.29	2.35	0.13
9/21/21 9:17 AM	16.56	8.81	16.30	2.81	0.14
9/21/21 9:18 AM	15.82	7.86	16.44	2.77	0.16
9/21/21 9:19 AM	16.19	7.76	16.33	2.80	0.08
9/21/21 9:20 AM	15.94	8.80	16.09	2.76	0.17
9/21/21 9:21 AM	17.06	9.50	16.01	2.92	0.18
9/21/21 9:22 AM	17.05	9.57	16.00	2.96	0.08
9/21/21 9:23 AM	17.16	8.76	16.03	2.96	0.18
9/21/21 9:24 AM	14.17	7.54	17.35	2.91	0.39
9/21/21 9:26 AM	6.55	3.16	19.19	1.14	1.51
9/21/21 9:27 AM	6.67	3.17	19.18	1.08	6.03
9/21/21 9:28 AM	6.51	3.42	19.19	1.09	4.80
9/21/21 9:29 AM	6.58	3.35	19.21	1.08	2.73
9/21/21 9:30 AM	6.58	3.47	17.75	1.09	2.25
9/21/21 9:31 AM	11.88	7.09	17.58	1.86	1.53
9/21/21 9:32 AM	9.15	4.84	18.50	1.92	3.59
9/21/21 9:33 AM	8.40	4.82	18.52	1.49	7.10
9/21/21 9:34 AM	10.33	7.23	17.32	1.59	0.68
9/21/21 9:35 AM	12.27	7.36	17.34	2.20	0.98
9/21/21 9:36 AM	12.41	8.83	17.22	2.22	1.12
9/21/21 9:37 AM	12.42	8.52	17.23	2.25	1.33
9/21/21 9:38 AM	12.89	8.37	17.23	2.28	2.18
9/21/21 9:39 AM	12.41	7.85	17.24	2.27	0.73
<b>Average</b>	<b>19.19</b>	<b>10.97</b>	<b>15.63</b>	<b>3.12</b>	<b>0.97</b>

**GE Power  
Greenleaf1 GT2  
Base Load**

**Test 2**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>CO2%</b>	<b>UHC ppmvw</b>
9/21/21 9:55 AM	6.67	4.17	19.02	1.20	6.18
9/21/21 9:56 AM	6.62	4.22	19.04	1.17	1.03
9/21/21 9:57 AM	6.69	4.46	19.01	1.20	1.01
9/21/21 9:58 AM	11.07	8.54	17.47	1.58	2.91
9/21/21 9:59 AM	11.05	8.22	17.49	2.09	3.77
9/21/21 10:00 AM	9.36	5.77	18.69	2.00	2.42
9/21/21 10:01 AM	7.61	5.16	18.74	1.42	1.18
9/21/21 10:02 AM	7.54	4.98	18.65	1.37	0.63
9/21/21 10:03 AM	8.82	6.84	17.45	1.41	0.61
9/21/21 10:04 AM	11.46	8.54	17.40	2.08	0.92
9/21/21 10:05 AM	11.67	9.19	17.19	2.17	0.71
9/21/21 10:06 AM	12.47	10.22	16.99	2.28	0.64
9/21/21 10:07 AM	12.61	11.40	17.00	2.39	0.54
9/21/21 10:08 AM	11.97	11.77	15.73	2.39	1.22
9/21/21 10:11 AM	13.77	9.00	16.77	2.49	0.79
9/21/21 10:12 AM	13.87	9.62	16.81	2.52	0.98
9/21/21 10:13 AM	13.64	9.68	16.77	2.52	1.24
9/21/21 10:14 AM	13.68	9.19	16.78	2.49	1.21
9/21/21 10:15 AM	13.85	9.47	16.79	2.50	1.19
9/21/21 10:16 AM	12.93	9.80	17.01	2.47	0.65
9/21/21 10:17 AM	13.06	9.25	17.13	2.38	1.49
9/21/21 10:18 AM	13.22	9.09	16.98	2.32	0.49
9/21/21 10:19 AM	13.22	8.21	17.02	2.41	1.26
9/21/21 10:20 AM	13.81	8.84	16.56	2.39	0.30
9/21/21 10:21 AM	14.57	10.32	16.48	2.62	0.49
9/21/21 10:22 AM	14.68	9.52	16.53	2.66	0.88
9/21/21 10:23 AM	14.69	9.36	16.07	2.64	0.33
9/21/21 10:24 AM	16.88	13.09	15.71	2.90	0.54
9/21/21 10:28 AM	20.91	15.75	14.64	3.69	0.57
9/21/21 10:29 AM	20.80	15.77	14.63	3.67	0.30
9/21/21 10:30 AM	20.75	16.50	14.62	3.70	0.28
9/21/21 10:31 AM	20.68	15.35	14.61	3.71	0.24
9/21/21 10:32 AM	20.57	15.88	14.48	3.69	0.67
9/21/21 10:33 AM	20.98	16.95	14.46	3.77	0.26
9/21/21 10:34 AM	21.13	17.15	14.44	3.79	0.27
9/21/21 10:35 AM	21.27	16.82	14.46	3.74	0.36
9/21/21 10:36 AM	20.92	17.66	14.53	3.75	0.27
9/21/21 10:37 AM	21.20	17.03	14.54	3.72	0.22
9/21/21 10:38 AM	21.06	15.94	14.55	3.73	0.28
9/21/21 10:39 AM	21.13	19.58	14.51	3.69	0.37
9/21/21 10:40 AM	20.85	17.20	14.49	3.75	0.21
9/21/21 10:41 AM	20.17	16.31	14.74	3.71	0.72

9/21/21 10:45 AM	21.66	17.89	14.72	3.67	0.21
9/21/21 10:46 AM	21.69	15.83	14.76	3.62	0.61
9/21/21 10:47 AM	21.39	17.38	14.73	3.65	0.70
9/21/21 10:48 AM	21.61	15.62	14.74	3.63	0.58
9/21/21 10:49 AM	21.45	17.27	14.59	3.62	0.41
9/21/21 10:50 AM	21.40	18.90	14.59	3.69	0.54
9/21/21 10:51 AM	21.26	17.40	14.65	3.69	0.91
9/21/21 10:52 AM	21.31	17.42	14.63	3.67	0.35
9/21/21 10:53 AM	21.34	16.59	14.64	3.67	0.28
9/21/21 10:54 AM	21.52	17.50	14.58	3.68	0.22
9/21/21 10:55 AM	21.78	16.54	14.60	3.69	0.32
9/21/21 10:56 AM	21.44	17.74	14.63	3.71	0.44
9/21/21 10:57 AM	20.47	14.98	14.70	3.66	0.31
9/21/21 10:58 AM	21.84	15.34	14.68	3.59	1.08
9/21/21 11:02 AM	22.31	12.78	15.03	3.46	0.15
9/21/21 11:03 AM	22.42	13.35	15.04	3.47	0.30
9/21/21 11:04 AM	22.51	12.38	15.05	3.46	0.35
9/21/21 11:05 AM	22.66	10.76	15.02	3.42	0.53
9/21/21 11:06 AM	22.32	11.87	14.99	3.45	0.18
9/21/21 11:07 AM	22.58	12.82	14.87	3.52	0.34
9/21/21 11:08 AM	22.83	12.17	14.85	3.55	0.13
9/21/21 11:09 AM	23.09	11.54	14.88	3.57	0.17
9/21/21 11:10 AM	23.31	11.75	14.86	3.55	0.15
9/21/21 11:11 AM	23.20	12.08	14.83	3.55	0.10
9/21/21 11:12 AM	23.17	12.32	14.85	3.55	0.19
9/21/21 11:13 AM	23.33	11.78	14.82	3.59	0.54
9/21/21 11:14 AM	23.61	11.37	15.02	3.55	0.13
9/21/21 11:15 AM	22.89	12.42	15.13	3.45	-0.45
<b>Average</b>	<b>17.78</b>	<b>12.54</b>	<b>15.74</b>	<b>3.04</b>	<b>0.72</b>

**GE Power**  
**Greenleaf1 GT2**  
**Base Load**

**Test 3**

	<b>NOx ppmvd</b>	<b>CO ppmvd</b>	<b>O2%</b>	<b>CO2%</b>	<b>UHC ppmvw</b>
9/21/21 11:33 AM	22.53	11.66	15.09	3.41	0.33
9/21/21 11:34 AM	22.49	11.79	15.09	3.41	0.25
9/21/21 11:35 AM	22.76	11.36	15.06	3.41	0.24
9/21/21 11:36 AM	22.51	12.87	15.07	3.44	0.40
9/21/21 11:37 AM	22.95	11.93	14.90	3.45	0.27
9/21/21 11:38 AM	23.54	11.55	14.91	3.51	0.31
9/21/21 11:39 AM	23.22	12.13	14.99	3.54	0.46
9/21/21 11:40 AM	23.31	10.85	15.04	3.49	1.40
9/21/21 11:41 AM	23.07	10.22	15.03	3.47	0.15
9/21/21 11:42 AM	23.45	10.39	14.91	3.47	0.23
9/21/21 11:43 AM	23.89	11.09	14.90	3.53	0.37
9/21/21 11:44 AM	23.89	13.45	14.91	3.55	0.46
9/21/21 11:45 AM	23.81	10.26	14.85	3.53	0.25
9/21/21 11:46 AM	24.02	11.22	14.85	3.55	0.36
9/21/21 11:50 AM	25.55	8.24	14.75	3.63	0.24
9/21/21 11:51 AM	25.66	8.38	14.72	3.62	0.09
9/21/21 11:52 AM	25.58	7.67	14.73	3.63	0.00
9/21/21 11:53 AM	25.97	8.14	14.74	3.63	0.12
9/21/21 11:54 AM	26.13	7.78	14.75	3.62	0.10
9/21/21 11:55 AM	26.38	8.53	14.76	3.63	0.27
9/21/21 11:56 AM	26.14	9.18	14.72	3.62	0.05
9/21/21 11:57 AM	26.12	9.71	14.76	3.60	0.29
9/21/21 11:58 AM	26.09	8.24	14.74	3.63	0.76
9/21/21 11:59 AM	25.57	8.34	14.75	3.61	0.56
9/21/21 12:00 PM	25.04	11.18	14.76	3.60	0.12
9/21/21 12:01 PM	24.68	10.44	14.73	3.61	0.04
9/21/21 12:02 PM	24.79	9.91	14.65	3.61	0.29
9/21/21 12:03 PM	24.85	10.00	14.64	3.65	0.21
9/21/21 12:08 PM	22.93	15.04	15.10	3.70	1.38
9/21/21 12:09 PM	21.13	12.72	15.02	3.46	0.69
9/21/21 12:10 PM	21.34	13.77	14.96	3.45	0.70
9/21/21 12:11 PM	22.47	13.38	14.64	3.48	0.05
9/21/21 12:12 PM	22.77	14.12	14.60	3.65	0.10
9/21/21 12:13 PM	22.52	14.62	14.58	3.67	0.22
9/21/21 12:14 PM	22.40	15.56	14.59	3.66	0.24
9/21/21 12:15 PM	22.26	15.69	14.60	3.66	0.54
9/21/21 12:16 PM	22.84	14.45	14.59	3.66	0.05
9/21/21 12:17 PM	22.48	14.07	14.77	3.64	0.17
9/21/21 12:18 PM	21.81	15.16	14.79	3.55	0.26
9/21/21 12:19 PM	21.81	15.27	14.81	3.53	0.56
9/21/21 12:20 PM	22.01	13.71	14.80	3.55	0.20
9/21/21 12:21 PM	22.38	16.75	14.56	3.60	0.24

9/21/21 12:25 PM	11.14	6.10	17.87	1.85	0.44
9/21/21 12:26 PM	11.02	6.10	17.83	1.80	0.39
9/21/21 12:27 PM	10.71	6.69	17.85	1.84	0.75
9/21/21 12:28 PM	10.70	6.67	17.82	1.85	0.33
9/21/21 12:29 PM	10.89	6.57	17.83	1.86	0.31
9/21/21 12:30 PM	13.21	8.63	16.76	1.94	0.49
9/21/21 12:31 PM	14.95	8.98	16.73	2.44	0.28
9/21/21 12:32 PM	15.14	9.05	16.67	2.49	0.19
9/21/21 12:33 PM	15.04	8.81	16.72	2.50	0.32
9/21/21 12:34 PM	13.56	6.71	17.08	2.38	0.23
9/21/21 12:35 PM	14.05	7.69	16.98	2.27	0.21
9/21/21 12:36 PM	14.25	7.67	17.04	2.33	0.27
9/21/21 12:37 PM	14.01	7.79	16.96	2.34	0.13
9/21/21 12:38 PM	15.58	8.69	16.59	2.47	0.11
9/21/21 12:43 PM	6.78	3.22	19.17	1.03	1.01
9/21/21 12:44 PM	6.76	3.20	19.19	1.04	0.51
9/21/21 12:45 PM	6.75	3.35	19.16	1.01	1.44
9/21/21 12:46 PM	6.80	3.17	19.14	1.03	0.69
9/21/21 12:47 PM	6.77	3.20	19.19	1.04	2.40
9/21/21 12:48 PM	8.46	6.06	18.15	1.08	3.54
9/21/21 12:49 PM	10.23	6.77	18.06	1.66	3.76
9/21/21 12:50 PM	10.26	5.97	18.03	1.67	0.46
9/21/21 12:51 PM	10.34	7.26	18.07	1.69	1.26
9/21/21 12:52 PM	10.49	6.77	18.05	1.70	0.57
9/21/21 12:53 PM	10.28	5.80	18.18	1.68	0.44
9/21/21 12:54 PM	10.39	16.93	17.26	1.88	0.54
9/21/21 12:55 PM	10.87	13.53	17.17	2.17	0.36
9/21/21 12:56 PM	11.65	11.79	17.16	2.23	0.39
<b>Average</b>	<b>18.66</b>	<b>9.91</b>	<b>15.98</b>	<b>2.87</b>	<b>0.51</b>

## **Appendix B.4 Moisture Data Sheets**















## **APPENDIX C EMISSIONS CALCULATIONS**

## **Appendix C.1**

### **Gaseous Emission Calculations**

## Example Calculations

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 1
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	Monday, September 20, 2021
Operator:	Tom Cassin

Example Calculations Taken From Initial Calibration and Run 1

### Analyzer Calibration Error

$$ACE = \frac{C_{Dir} - C_V}{CS} \times 100$$

ACE = Analyzer calibration error, percent of calibration span

$C_{Dir}$  = Measured concentration of a calibration gas (low) when introduced in direct calibration mode, ppmv

$C_V$  = Manufacturer certified concentration of a calibration gas (low), ppmv.

CS = Calibration span, ppmv.

CO	$C_{dir}$	-0.06	CS	48.64
	$C_v$	0.00	ACE	-0.12%
NO <sub>x</sub>	$C_{dir}$	-0.10	CS	46.48
	$C_v$	0.00	ACE	-0.22%
O <sub>2</sub>	$C_{dir}$	-0.01	CS	20.87
	$C_v$	0.00	ACE	-0.05%
CO <sub>2</sub>	$C_{dir}$	0.03	CS	19.50
	$C_v$	0.00	ACE	0.15%

### System Bias - Non-Dilution Systems

$$SB = \frac{C_S - C_{Dir}}{CS} \times 100$$

SB = System bias, percent of calibration span.

$C_S$  = Measured concentration of a calibration gas (low) when introduced in system calibration mode, ppmv.

$C_{Dir}$  = Measured concentration of a calibration gas (low) when introduced in direct calibration mode, ppmv.

CS = Calibration span, ppmv.

CO	$C_S$	-0.05	CS	48.64
	$C_{dir}$	-0.06	SB	0.02%
NO <sub>x</sub>	$C_S$	0.01	CS	46.48
	$C_{dir}$	-0.10	SB	0.24%
O <sub>2</sub>	$C_S$	-0.01	CS	20.87
	$C_{dir}$	-0.01	SB	0.00%
CO <sub>2</sub>	$C_S$	0.01	CS	19.50
	$C_{dir}$	0.03	SB	-0.10%

Drift Assessment - Extractive System

$$D = |SB_{Final} - SB_i|$$

D = Drift assessment, percent of calibration span.

SB<sub>final</sub> = Post-run system bias, percent of calibration span.

SB<sub>i</sub> = Pre-run system bias, percent of calibration span.

CO	SB <sub>Final</sub>	-0.27	D	0.287829 % Span
	SB <sub>i</sub>	0.02		
NO <sub>x</sub>	SB <sub>Final</sub>	0.26	D	0.021515 % Span
	SB <sub>i</sub>	0.24		
O <sub>2</sub>	SB <sub>Final</sub>	-0.05	D	0.047916 % Span
	SB <sub>i</sub>	0.00		
CO <sub>2</sub>	SB <sub>Final</sub>	-0.15	D	0.051282 % Span
	SB <sub>i</sub>	-0.10		

Effluent Gas Concentration

$$C_{Gas} = (C_{Avg} - C_0) \frac{C_{MA}}{C_M - C_0}$$

C<sub>Gas</sub> = Average effluent gas concentration adjusted for bias, ppmv

C<sub>Avg</sub> = Average unadjusted gas concentration indicated by data recorder for the test run, ppmv.

C<sub>0</sub> = Average of the initial and final system calibration bias check responses from the zero calibration gas, ppmv.

C<sub>MA</sub> = Actual concentration of the upscale calibration gas, ppmv.

C<sub>M</sub> = Average of initial and final system calibration bias check responses for the upscale calibration gas, ppmv.

CO	C <sub>Gas</sub>	13.76	C <sub>MA</sub>	23.82
	C <sub>Avg</sub>	13.82	C <sub>M</sub>	24.02
	C <sub>0</sub>	-0.12	C <sub>0</sub>	-0.12
NO <sub>x</sub>	C <sub>Gas</sub>	18.74	C <sub>MA</sub>	24.04
	C <sub>Avg</sub>	18.63	C <sub>M</sub>	23.89
	C <sub>0</sub>	0.02	C <sub>0</sub>	0.02
O <sub>2</sub>	C <sub>Gas</sub>	15.79	C <sub>MA</sub>	10.32
	C <sub>Avg</sub>	15.77	C <sub>M</sub>	10.31
	C <sub>0</sub>	-0.02	C <sub>0</sub>	-0.02
CO <sub>2</sub>	C <sub>Gas</sub>	3.07	C <sub>MA</sub>	10.01
	C <sub>Avg</sub>	3.05	C <sub>M</sub>	9.95
	C <sub>0</sub>	0.01	C <sub>0</sub>	0.01

Concentration Corrected to a Reference Oxygen Percent

$$C_{GAS} \text{ at Reference } O_2 = C_{GAS} \times \frac{(20.9\% - \text{Ref } O_2)}{(20.9\% - \%O_2)}$$

C<sub>GAS</sub> at Reference O<sub>2</sub> = Corrected effluent gas concentration to reference oxygen percent

C<sub>GAS</sub> = Average effluent gas concentration adjusted for bias, ppmv

Ref O<sub>2</sub> = Reference percent oxygen for correction

%O<sub>2</sub> = Average effluent oxygen concentration, as measured.

CO	C <sub>Gas</sub>	13.76	C <sub>Gas</sub> at Reference O <sub>2</sub>	15.87
	Ref O <sub>2</sub>	15%		
	%O <sub>2</sub>	15.79		
NO <sub>x</sub>	C <sub>Gas</sub>	18.74	C <sub>Gas</sub> at Reference O <sub>2</sub>	21.62
	Ref O <sub>2</sub>	15%		
	%O <sub>2</sub>	15.79		
SO <sub>2</sub>	C <sub>Gas</sub>	-	C <sub>Gas</sub> at Reference O <sub>2</sub>	-
	Ref O <sub>2</sub>	-		
	%O <sub>2</sub>	15.79		



**Pollutant Emission Rate - Using Oxygen-Based Fuel Factor - lb/MMBtu**

$$ER = C_{Gas} \times CFC \times F_d \times (20.9/(20.9-\%O_2))$$

ER<sub>CO</sub>, ER<sub>NO<sub>x</sub></sub>, ER<sub>SO<sub>2</sub></sub> = Pollutant emission rates for NO<sub>x</sub>, CO, and SO<sub>2</sub>, respectively. (lb/MMBtu)

C<sub>Gas</sub> = Average effluent gas concentration adjusted for bias, ppmv

CFC = Conversion Factors for Concentrations from Section 17 - Table 19-1- Method 19 Title 40 Part 60 (Values below)

7.269E-08 = Conversion constant for CO.

1.194E-07 = Conversion constant for NO<sub>x</sub>.

1.660E-07 = Conversion constant for SO<sub>2</sub>.

F<sub>d</sub> = Oxygen Based Fuel Factor (dscf/MMBtu)

%O<sub>2</sub> = Average effluent oxygen concentration, as measured.

Note: C<sub>Gas</sub> and %O<sub>2</sub> are on matching moisture basis, i.e. wet to wet and dry to dry.

CO	C <sub>Gas</sub>	13.76	ER <sub>CO</sub>	0.035199
	F <sub>d</sub>	8615.6		
	%O <sub>2</sub>	15.79		
NO <sub>x</sub>	C <sub>Gas</sub>	18.74	ER <sub>NO<sub>x</sub></sub>	0.078785
	F <sub>d</sub>	8615.6		
	%O <sub>2</sub>	15.79		

**Pollutant Emission Rate - lb/MMBtu - Based on Volumetric Flow Rate and Heat Input**

$$ER = \frac{\text{lb/hr}}{\text{MMBtu/hr Heat Input}}$$

ER<sub>CO</sub>, ER<sub>NO<sub>x</sub></sub>, ER<sub>SO<sub>2</sub></sub> = Pollutant emission rates for NO<sub>x</sub>, CO, and SO<sub>2</sub>, respectively. (lb/MMBtu)

lb/hr - Calculated emissions rates for NO<sub>x</sub>, CO and SO<sub>2</sub>

CO	lb/hr	-
	Heat Input	319.5
	ER <sub>CO</sub>	11.24602 lb/hr
NO <sub>x</sub>	lb/hr	-
	Heat Input	319.5
	ER <sub>NO<sub>x</sub></sub>	25.17187 lb/hr

	<u>lb/m</u>	<u>mw</u>	<u>gpm</u>			
	182	23	27			
H2O/Fuel Ratio	scfm	lb/m	lb/hr	lb/hr, h2o	h2o/fuel	
	3,837.2	182.00	10920.00	13,932	1.28	
Heat Rate	scfm	MMBTU/hr	btu/kwh			
	3,837.2	234.83	10,210			
Stack Flow	scfm	dscfm				
	3,837.2	106,341				

## **Appendix C.2**

### **Gaseous Emission Spreadsheets**

## Reference Method Test Run Data

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 1
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	Monday, September 20, 2021
Operator:	Tom Cassin
F Factor Information	
F <sub>c</sub>	-
F <sub>d</sub>	8615.6
Reference Method Measurement Basis:	Dry - Extractive
CEMS Analyzer Measurement Basis:	-

### Uncorrected Reference Method Analyzer Results

Run Number	Test Date	Start Minute	End Minute	CO (ppmvd)	NO <sub>x</sub> (ppmvd)	SO <sub>2</sub> (ppmvd)	O <sub>2</sub> (% v/v Dry)	CO <sub>2</sub> (% v/v Dry)
1	09/20/21	10:26	11:58	13.82	18.63	-	15.77	3.05
2	09/20/21	12:19	13:47	8.77	20.91	-	15.79	3.04
3	09/20/21	14:05	15:31	27.15	17.52	-	15.94	2.90

### Calibration Corrected Reference Method Analyzer Results

#### Moisture Basis As Measured

Run Number	Test Date	Start Minute	End Minute	CO (ppmvd)	NO <sub>x</sub> (ppmvd)	SO <sub>2</sub> (ppmvd)	O <sub>2</sub> (% v/v Dry)	CO <sub>2</sub> (% v/v Dry)
1	09/20/21	10:26	11:58	13.76	18.74	-	15.79	3.07
2	09/20/21	12:19	13:47	8.93	21.03	-	15.84	3.07
3	09/20/21	14:05	15:31	27.12	17.48	-	16.00	2.92

### Reference Method Emission Rate Summary - lb/MMBtu

Run Number	Test Date	CO lb/MMBtu	NO <sub>x</sub> lb/MMBtu	SO <sub>2</sub> lb/MMBtu	F <sub>c</sub> Factor	F <sub>d</sub> Factor
1	09/20/21	0.035	0.0788	-	-	8615.6
2	09/20/21	0.023	0.0893	-	-	8615.6
3	09/20/21	0.072	0.077	-	-	8615.6

### Reference Method Emission Rate Summary - lb/hr Using Heat Input and lb/MMBtu Emissions Factor

Run Number	Test Date	CO lb/hr	NO <sub>x</sub> lb/hr	SO <sub>2</sub> lb/hr	Heat Input MMBtu/hr
1	09/20/21	11.25	25.17	-	319.5
2	09/20/21	7.03	27.20	-	304.56
3	09/20/21	22.75	24.09	-	314.05

### Test Run Data Corrected to Reference O<sub>2</sub>

Run Number	Test Date	Corrected Data			Data Used for Correction			
		CO ppmvd Corrected to 15% Oxygen	NO <sub>x</sub> ppmvd Corrected to 15% Oxygen	SO <sub>2</sub> ppmvd Corrected to NA	CO ppmvd	NO <sub>x</sub> ppmvd	SO <sub>2</sub> ppmvd	O <sub>2</sub> (% v/v Dry)
1	09/20/21	15.87	21.62	-	13.76	18.74	-	15.79
2	09/20/21	10.41	24.51	-	8.93	21.03	-	15.84
3	09/20/21	32.66	21.05	-	27.12	17.48	-	16.00

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**Method 25A - Total Hydrocarbon - THC- Data**


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Client:	GE
Facility:	Greenleaf 1
Test Location:	Stack
Project Number:	PROJ-01221
Test Date:	Monday, September 20, 2021
Operator:	Tom Cassin

---

Location	Source 1			
Test Run Number	1	2	3	Average
Condition	Base	Base	Base	
Test Date	9/20/2021	9/20/2021	9/20/2021	
Test Start	10:26	12:19	14:05	
Test End	11:58	13:47	15:31	
Test Duration (Minutes)	1:32	1:28	1:26	1:28:40
THC (ppmvw as Propane)	0.62	0.25	2.12	1.00
Volumetric Flow Rate (scfm)	165304.87	159436.67	169603.32	164782
THC (lb/hr as Propane)	0.70	0.27	2.46	1.15
THC (lb/hr as Carbon)	0.57	0.22	2.01	0.94
Moisture Content (%)	10.59	10.35	10.62	10.52
Oxygen (% Dry)	15.79	15.84	16	15.88
F <sub>d</sub>	8616	8616	8616	8616
THC (lb/MMBtu) - F <sub>d</sub> Basis	0.003	0.001	0.010	0.005
THC (ppmvw as Propane @ 15% O <sub>2</sub> )	0.72	0.29	2.55	1.19
THC (ppmvd as Propane @ 15% O <sub>2</sub> )	0.80	0.33	2.85	1.33

## SOURCE TEST DATA SUMMARY

Client.....	GE Power			
Unit / Location.....	Unit 1			
Reference temperature, °F.....	68			
Test number.....	Grab 1	Grab 1	Grab 1	Average
Date.....	9-20-21	9-20-21	9-20-21	--
<b><u>FUEL DATA</u></b>				
Fuel "F" factor @ 68°F, dscf/MMBtu.....	8,616	8,616	8,616	8,616
Fuel "F" factor @ T <sub>ref</sub> , dscf/MMBtu.....	8,616	8,616	8,616	8,616
Fuel higher heating value (HHV), Btu/scf.....	1,048	1,048	1,048	1,048
Fuel density, lb/scf.....	0.0454	0.0454	0.0454	0.0454
Fuel flow, lb/sec.....	3.79	3.61	3.73	3.71
Fuel flow, scfh.....	300,529	286,256	295,771	294,185
Fuel Sulfur, ppm weight.....	1.0	1.0	1.0	1.0
Fuel Sulfur, gr/100 scf.....	0.0318	0.0318	0.0318	0.0318
<b><u>ANALYZER DATA</u></b>				
O <sub>2</sub> , % volume dry.....	15.79	15.84	16.00	15.88
<b><u>VOLUMETRIC FLOW RATE</u></b>				
Stack flow rate - based on fuel, dscfm.....	184,884	177,843	189,755	184,161
<b><u>EMISSIONS</u></b>				
SO <sub>2</sub> concentrations, ppm volume dry.....	0.015	0.015	0.014	0.015
<sup>2b</sup> SO <sub>2</sub> concentrations, ppm @ 15% O <sub>2</sub> dry.....	0.017	0.017	0.017	0.017
<sup>2c</sup> SO <sub>2</sub> mass emissions, lb/hr.....	0.027	0.026	0.027	0.027
<sup>2f</sup> SO <sub>2</sub> mass emissions, lb/MMBtu.....	0.000087	0.000087	0.000087	0.000087

## Reference Method Test Run Data

Client:	GE Power
Facility:	Green Leaf 1
Source:	TM 2500 GT 2
Test Location:	Stack
Condition/Load:	Base
Project Number:	PROJ-011221

Test Start Date:	Tuesday, September 21, 2021
Operator:	Tom Cassin

F Factor Information	
F <sub>c</sub>	-
F <sub>d</sub>	8621.5
Reference Method Measurement Basis:	Dry - Extractive
CEMS Analyzer Measurement Basis:	-

### Uncorrected Reference Method Analyzer Results

Run Number	Test Date	Start Minute	End Minute	CO (ppmvd)	NO <sub>x</sub> (ppmvd)	SO <sub>2</sub> (ppmvd)	O <sub>2</sub> (% v/v Dry)	CO <sub>2</sub> (% v/v Dry)
1	09/21/21	8:19	9:39	10.97	19.19	-	15.63	3.12
2	09/21/21	9:55	11:15	12.54	17.78	-	15.74	3.04
3	09/21/21	11:33	12:56	9.91	18.66	-	15.98	2.87

### Calibration Corrected Reference Method Analyzer Results

#### Moisture Basis As Measured

Run Number	Test Date	Start Minute	End Minute	CO (ppmvd)	NO <sub>x</sub> (ppmvd)	SO <sub>2</sub> (ppmvd)	O <sub>2</sub> (% v/v Dry)	CO <sub>2</sub> (% v/v Dry)
1	09/21/21	8:19	9:39	10.97	19.21	-	15.59	3.13
2	09/21/21	9:55	11:15	12.68	17.83	-	15.74	3.05
3	09/21/21	11:33	12:56	10.03	18.75	-	16.02	2.88

### Reference Method Emission Rate Summary - lb/MMBtu

Run Number	Test Date	CO lb/MMBtu	NO <sub>x</sub> lb/MMBtu	SO <sub>2</sub> lb/MMBtu	F <sub>c</sub> Factor	F <sub>d</sub> Factor
1	09/21/21	0.027	0.0778	-	-	8621.5
2	09/21/21	0.032	0.0743	-	-	8621.5
3	09/21/21	0.027	0.083	-	-	8621.5

### Reference Method Emission Rate Summary - lb/hr Using Heat Input and lb/MMBtu Emissions Factor

Run Number	Test Date	CO lb/hr	NO <sub>x</sub> lb/hr	SO <sub>2</sub> lb/hr	Heat Input MMBtu/hr
1	09/21/21	8.99	25.87	-	332.5
2	09/21/21	10.29	23.77	-	319.95
3	09/21/21	8.47	26.01	-	314.41

### Test Run Data Corrected to Reference O<sub>2</sub>

Run Number	Test Date	Corrected Data			Data Used for Correction			
		CO ppmvd Corrected to 15% Oxygen	NO <sub>x</sub> ppmvd Corrected to 15% Oxygen	SO <sub>2</sub> ppmvd Corrected to NA	CO ppmvd	NO <sub>x</sub> ppmvd	SO <sub>2</sub> ppmvd	O <sub>2</sub> (% v/v Dry)
1	09/21/21	12.18	21.34	-	10.97	19.21	-	15.59
2	09/21/21	14.49	20.38	-	12.68	17.83	-	15.74
3	09/21/21	12.14	22.69	-	10.03	18.75	-	16.02

---

**Method 25A - Total Hydrocarbon - THC- Data**


---

Client:	GE
Facility:	Greenleaf 1
Test Location:	Stack GT2
Project Number:	PROJ-011221
Test Date:	Tuesday, September 21, 2021
Operator:	Tom Cassin

---

Location	Source 1			
Test Run Number	1	2	3	Average
Condition	Base	Base	Base	
Test Date	9/21/2021	9/21/2021	9/21/2021	
Test Start	8:19	9:55	11:33	
Test End	9:39	11:15	12:56	
Test Duration (Minutes)	1:20	1:20	1:23	1:21:00
THC (ppmvw as Propane)	0.97	0.72	0.51	0.73
Volumetric Flow Rate (scfm)	164846.23	162136.92	169282.9	165422
THC (lb/hr as Propane)	1.10	0.80	0.59	0.83
THC (lb/hr as Carbon)	0.90	0.65	0.48	0.68
Moisture Content (%)	11.09	11.49	11.22	11.27
Oxygen (% Dry)	15.59	15.74	16.02	15.78
F <sub>d</sub>	8622	8622	8622	8622
THC (lb/MMBtu) - F <sub>d</sub> Basis	0.004	0.003	0.002	0.003
THC (ppmvw as Propane @ 15% O <sub>2</sub> )	1.08	0.82	0.62	0.84
THC (ppmvd as Propane @ 15% O <sub>2</sub> )	1.21	0.92	0.69	0.94
THC (ppmvd as Propane)	1.09	0.81	0.57	0.83



## SOURCE TEST DATA SUMMARY

<b>SOURCE TEST DATA SUMMARY</b>				
Client.....	GE Power			
Unit / Location.....	Unit 2			
Reference temperature, °F.....	68			
Test number.....	Grab 1	Grab 1	Grab 1	Average
Date.....	9-21-21	9-21-21	9-21-21	--
<b><u>FUEL DATA</u></b>				
Fuel "F" factor @ 68°F, dscf/MMBtu.....	8,622	8,622	8,622	8,622
Fuel "F" factor @ T <sub>ref</sub> , dscf/MMBtu.....	8,622	8,622	8,622	8,622
Fuel higher heating value (HHV), Btu/scf.....	1,008	1,008	1,008	1,008
Fuel density, lb/scf.....	0.0444	0.0444	0.0444	0.0444
Fuel flow, lb/sec.....	4.01	3.85	3.79	3.88
Fuel flow, scfh.....	325,135	312,162	307,297	314,865
Fuel Sulfur, ppm weight.....	2.3	2.3	2.3	2.3
Fuel Sulfur, gr/100 scf.....	0.0715	0.0715	0.0715	0.0715
<b><u>ANALYZER DATA</u></b>				
O <sub>2</sub> , % volume dry.....	15.59	15.74	16.02	15.78
<b><u>VOLUMETRIC FLOW RATE</u></b>				
Stack flow rate - based on fuel, dscfm.....	185,408	183,185	190,677	186,423
<b><u>EMISSIONS</u></b>				
SO <sub>2</sub> concentrations, ppm volume dry.....	0.036	0.035	0.033	0.035
<sup>2b</sup> SO <sub>2</sub> concentrations, ppm @ 15% O <sub>2</sub> dry.....	0.040	0.040	0.040	0.040
<sup>2c</sup> SO <sub>2</sub> mass emissions, lb/hr.....	0.066	0.064	0.063	0.064
<sup>2f</sup> SO <sub>2</sub> mass emissions, lb/MMBtu.....	0.000202	0.000202	0.000202	0.000202

## **Appendix C.3**

### **Moisture Emission Spreadsheets**

Run	One (1)	Two (2)	Three (3)		
Meter Temperatures in Degrees F					
65	64	66	65	67	65
62	62	66	63	67	65
63	63	67	65	68	65
65	64	66	64	69	64
66	65	66	64	68	66
66	64	65	65	68	66
66	65	65	65	67	65
66	65	67	66	68	65
66	65	67	65	68	65
67	66	66	65	67	66
66	66	66	66	66	64
67	64	65	65	67	64
66	65	66	64	68	65
Average Meter Temps.:	65.0 (A)	65.4 (A)	66.3 (A)		

Company: GE Greenleaf 1  
Unit: GT 1  
Location: Stack  
Date: 9/20/21

INPUT DATA			
Meter Volume. (cubic feet):	44.162	43.051	43.427
Water Caught (grams):	100.1	95.1	98.5
Measured Barometric Pressure ("Hg):	29.9	29.9	29.9
Sample Location Elevation (feet):	25.0	25.0	25.0
Corrected Barometric Pressure ("Hg) [Pb]:	29.85	29.85	29.85
Meter Correction Factor:	1.026	1.026	1.026
Average Delta H ("H2O):	1.8	1.8	1.8
Correction Temperature:	0	0	0

OUTPUT DATA			
Metered Volume (Std.cu.ft.):	39.779	38.747	39.020
Moisture Volume (cubic feet):	4.71	4.48	4.64
Percent Moisture:	<b>10.59</b>	<b>10.35</b>	<b>10.62</b>

Standard Conditions are (T) degrees F and 29.92" Hg

Run	One (1)	Two (2)	Three (3)		
Meter Temperatures in Degrees F					
64	63	66	65	68	66
64	63	67	65	68	66
65	63	67	65	69	67
65	64	66	67	69	67
66	63	68	66	68	66
64	64	68	67	68	68
64	65	67	66	70	68
65	65	69	66	69	67
66	64	69	67	69	67
65	65	68	68	68	66
66	64	67	66	70	68
66	63	67	66	69	67
67	65	69	67	70	68
Average Meter Temps.:	64.5	66.9	67.9		
	(A)	(A)	(A)		

Company:	GE Grrenleaf 1
Unit:	GT 2
Location:	Stack
Date:	9/21/21

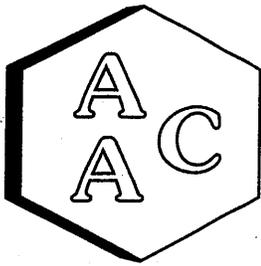
INPUT DATA			
Meter Volume. (cubic feet):	43.886	45.046	45.138
Water Caught (grams):	105.4	112.1	109.1
Measured Barometric Pressure ("Hg):	30.0	30.0	30.0
Sample Location Elevation (feet):	25.0	25.0	25.0
Corrected Barometric Pressure ("Hg) [Pb]:	29.99	29.99	29.99
Meter Correction Factor:	1.026	1.026	1.026
Average Delta H ("H2O):	1.9	1.9	1.9
Correction Temperature:	0	0	0

OUTPUT DATA			
Metered Volume (Std.cu.ft.):	39.756	40.625	40.628
Moisture Volume (cubic feet):	4.96	5.28	5.13
Percent Moisture:	<b>11.09</b>	<b>11.49</b>	<b>11.22</b>

Standard Conditions are (T) degrees F and 29.92" Hg

## **APPENDIX D LABORATORY REPORTS**

## **Appendix D.1 Method 18 Report**



# Atmospheric Analysis & Consulting, Inc.

CLIENT : Montrose Air Quality Services  
PROJECT NAME : GE  
PROJECT NUMBER : PROJ-011221  
AAC PROJECT NO. : 211691  
REPORT DATE : 10/08/2021

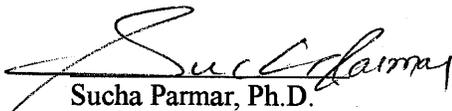
On September 24, 2021, Atmospheric Analysis & Consulting, Inc. received twelve (12) Tedlar Bags for Methane and Ethane analysis by EPA 18 Modified. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
GT 1-M18-R1	211691-23665	Unit 1-M18-R1	211691-23671
GT 1-M18-R2	211691-23666	Unit 1-M18-R2	211691-23672
GT 1-M18-R3	211691-23667	Unit 1-M18-R3	211691-23673
GT 2-M18-R1	211691-23668	Unit 2-M18-R1	211691-23674
GT 2-M18-R2	211691-23669	Unit 2-M18-R2	211691-23675
GT 2-M18-R3	211691-23670	Unit 2-M18-R3	211691-23676

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aaclab.com](http://www.aaclab.com).

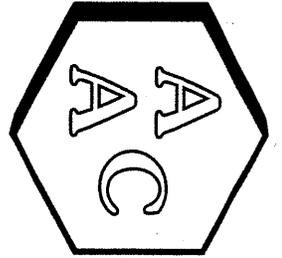
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

  
Sucha Parmar, Ph.D.  
Technical Director

This report consists of 6 pages.





# Atmospheric Analysis & Consulting, Inc.

## LABORATORY ANALYSIS REPORT

**CLIENT :** Montrose Air Quality Services  
**PROJECT NO. :** 211691  
**MATRIX :** Air  
**UNITS :** ppmV

**SAMPLING DATE :** 09/20-21/2021  
**RECEIVING DATE :** 09/24/2021  
**ANALYSIS DATE :** 09/24/2021  
**REPORT DATE :** 10/08/2021

### Methane and Ethane Analysis by EPA 18 Modified

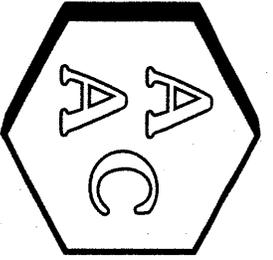
Client ID	GT 1-M18-R1	SRL	GT 1-M18-R2	SRL	GT 1-M18-R3	SRL	Reporting Limit (RL)
AAC ID	211691-23665	(RL x DF's)	211691-23666	(RL x DF's)	211691-23667	(RL x DF's)	
Analyte	Result	Analysis Dil. Fac.	Result	Analysis Dil. Fac.	Result	Analysis Dil. Fac.	
C <sub>1</sub> (as Methane)	1.91	1	1.41	1	8.07	1	0.5
C <sub>2</sub> (as Ethane)	<SRL	1	<SRL	1	<SRL	1	0.5

Client ID	GT 2-M18-R1	SRL	GT 2-M18-R2	SRL	GT 2-M18-R3	SRL	Reporting Limit (RL)
AAC ID	211691-23668	(RL x DF's)	211691-23669	(RL x DF's)	211691-23670	(RL x DF's)	
Analyte	Result	Analysis Dil. Fac.	Result	Analysis Dil. Fac.	Result	Analysis Dil. Fac.	
C <sub>1</sub> (as Methane)	3.98	1	2.06	1	2.36	1	0.5
C <sub>2</sub> (as Ethane)	<SRL	1	<SRL	1	<SRL	1	0.5

Sample Reporting Limit (SRL) is equal to Reporting Limit (RL) x Canister Dilution Factor x Analysis Dilution Factor (if applicable)







# Atmospheric Analysis & Consulting, Inc.

## LABORATORY ANALYSIS REPORT

**CLIENT** : Montrose Air Quality Services  
**PROJECT NO.** : 211691  
**MATRIX** : Air  
**UNITS** : ppmV

**SAMPLING DATE** : 09/21-22/2021  
**RECEIVING DATE** : 09/24/2021  
**ANALYSIS DATE** : 09/24/2021  
**REPORT DATE** : 10/08/2021

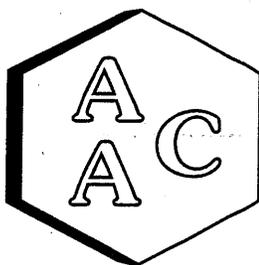
### Methane and Ethane Analysis by EPA 18 Modified

Client ID	Unit 1-M18-R1 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 1-M18-R2 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 1-M18-R3 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 2-M18-R1 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 2-M18-R2 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 2-M18-R3 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Reporting Limit (RL)
																									0.5
C <sub>1</sub> (as Methane)	211691-23671	0.5	9.59	1	211691-23672	0.5	9.39	1	211691-23673	0.5	1.77	1	211691-23674	0.5	1.32	1	211691-23675	0.5	1.17	1	211691-23676	0.5	1.24	1	0.5
C <sub>2</sub> (as Ethane)	211691-23671	0.5	0.715	1	211691-23672	0.5	0.683	1	211691-23673	0.5	<SRL	1	211691-23674	0.5	<SRL	1	211691-23675	0.5	<SRL	1	211691-23676	0.5	<SRL	1	0.5

Client ID	Unit 2-M18-R1 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 2-M18-R2 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 2-M18-R3 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 2-M18-R3 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 2-M18-R3 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Unit 2-M18-R3 AAC ID	SRL (RL x DF's)	Result	Analysis Dil. Fac.	Reporting Limit (RL)
																									0.5
C <sub>1</sub> (as Methane)	211691-23674	0.5	1.32	1	211691-23675	0.5	1.17	1	211691-23676	0.5	1.24	1	211691-23676	0.5	1.24	1	211691-23676	0.5	1.24	1	211691-23676	0.5	1.24	1	0.5
C <sub>2</sub> (as Ethane)	211691-23674	0.5	<SRL	1	211691-23675	0.5	<SRL	1	211691-23676	0.5	<SRL	1	211691-23676	0.5	<SRL	1	211691-23676	0.5	<SRL	1	211691-23676	0.5	<SRL	1	0.5

Sample Reporting Limit (SRL) is equal to Reporting Limit (RL) x Canister Dilution Factor x Analysis Dilution Factor (if applicable)





# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report

Date Analyzed : 09/24/2021  
 Analyst : DL/DB  
 Units : ppmv

Instrument ID : FID #3  
 Calb Date : 03/31/21  
 Reporting Limit : 0.5 ppmv

### I - Opening Continuing Calibration Verification - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	90.7	92.0	91.0	91.4	91.3	92.0
	% Rec *	91.7	92.8	92.1	93.2	93.0	92.2

### II - Method Blank - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	LCS Result	89.5	91.7	90.1	90.6	92.2	91.2
	LCSD Result	92.3	93.8	92.2	92.9	93.8	93.4
	LCS % Rec **	90.6	92.5	91.2	92.3	94.0	91.5
	LCSD % Rec **	93.4	94.6	93.4	94.7	95.5	93.6
	% RPD ***	3.0	2.3	2.3	2.5	1.7	2.3

### IV - Sample & Sample Duplicate - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
212443-22500	Sample	0.0	0.0	0.0	0.0	0.0	0.0
	Sample Dup	0.0	0.0	0.0	0.0	0.0	0.0
	Mean	0.0	0.0	0.0	0.0	0.0	0.0
	% RPD ***	0.0	0.0	0.0	0.0	0.0	0.0

### V - Matrix Spike & Duplicate - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
212443-22500	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.4	49.6	49.4	49.0	49.1	49.9
	MS Result	48.3	48.6	48.0	48.4	49.6	52.2
	MSD Result	50.8	51.7	51.3	52.0	54.0	58.0
	MS % Rec **	97.6	98.2	97.2	98.7	101.0	104.6
	MSD % Rec **	102.7	104.3	103.9	106.0	110.0	116.4
	% RPD ***	5.1	6.0	6.7	7.1	8.5	10.6

### VI - Closing Continuing Calibration Verification - EPA 18 Mod

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	97.1	99.3	97.6	97.9	97.7	98.2
	% Rec *	98.3	100.2	98.9	99.8	99.6	98.4

\* Must be 85-115%

\*\* Must be 75-125%

\*\*\* Must be < 25%

ND = Not Detected

<RL = less than Reporting Limit



# Chain of Custody

Contact Information

Montrose Contact Information

Project Manager: John Hammer  
 Contact Email: jhammer@montrose-env.com  
 Contact Phone: 630-715-3259  
 Montrose Office: 630-715-3259

Sample Information

Sample System Prepared By: Tom Cassin  
 Sample Recovery Performed By: Tom Cassin

Requested Analysis

Client: GE  
 Facility/Plant: Greenleaf 1  
 Collection/Test Source: GT-Stack  
 Project Number: PROJ-011221

Sample ID Number	Sample Collection Date	Description of Sample	Number of Containers	Run Time/Sample Collection Time	Method 18	Comments
1	09/20/21	GT 1-M18-R1	1	10:26-11:58	X	Bag
2	09/20/21	GT 1-M18-R2	1	12:19-13:47	X	Bag
3	09/20/21	GT 1-M18-R3	1	14:05-15:32	X	Bag
4	09/21/21	GT 2-M18-R1	1	8:19-9:40	X	Bag
5	09/21/21	GT 2-M18-R2	1	9:55-11:15	X	Bag
6	09/21/21	GT 2-M18-R3	1	11:33-12:56	X	Bag

Custody Record

Relinquished By: Tom Cassin Date: 9/23/21

Print Sign

Lab: AA&C  
 Attn: John Yokoyama  
 Phone: 805-650-1642

Lab Address

Street 1: 1534 Eastman Ave. Suite A  
 Street 2: Ventura, CA 93003

City, State Zip Code

Street 1

Street 2

TAT: 10 Day

Results Requested By Date: 9/24/21

Print Sign

Victor Garcia 9/23/21  
 Victor Garcia 9/23/21  
 Victor Garcia 1600  
 R. Scheil 9/23/21  
 Tom Cassin 1600  
 0945

Shipping Information

Shipped By:

Shipped On Date:

Shipping Method:

Shipping Remarks or Special Handling Instructions:

Special Instructions for Lab:

Project Remarks:

Notes

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Page 6 of 7



# Chain of Custody

211691

### Montrose Contact Information

Project Manager: John Hamner  
 Contact Email: jhamne@montrose-env.com  
 Contact Phone: 630-715-3259  
 Montrose Office: 630-715-3259

### Contact Information

Sample System Prepared By: Finnegan Schall  
 Sample Recovery Performed By: Finnegan Schall

### Sample Information

Sample ID Number	Sample Collection Date	Description of Sample	Number of Containers	Run Time/Sample Collection Time	Method 18	Comments
1-1	09/21/21	Unit 1-M18-R1	1	830-1045	X	Bag
1-2	09/21/21	Unit 1-M18-R2	1	1051-1228	X	Bag
1-3	09/21/21	Unit 1-M18-R3	1	1235-1459	X	Bag
2-1	09/22/21	Unit 2-M18-R1	1	930-1043	X	Bag
2-2	09/22/21	Unit 2-M18-R2	1	1051-1206	X	Bag
2-3	09/22/21	Unit 2-M18-R3	1	1215-1326	X	Bag

### Custody Record

Relinquished By: Tom Cassin  
 Date: 9/22/21

### Lab Information

Lab: AA&C  
 Attn: John Yokoyama  
 Phone: 805-650-1642  
 Lab Address: 1534 Eastman Ave. Suite A  
 City, State Zip Code: Ventura, CA 93003

### Shipping Information

Shipped By: \_\_\_\_\_  
 Shipped On Date: \_\_\_\_\_  
 Shipping Method: \_\_\_\_\_

### Notes

Special Instructions for Lab: \_\_\_\_\_

### City, State Zip Code

Ventura, CA 93003

Print Sign: Victor Garcia 9/23/21  
 Print Sign: 1600  
 Print Sign: 9/22/21  
 Print Sign: 09/21

Results Requested By Date: TAT: 10 Day

Shipping Remarks or Special Handling Instructions: \_\_\_\_\_

Project Remarks: \_\_\_\_\_

### Project Information

Client: GE  
 Facility/Plant: Roseville  
 Collection/Test Source: Unit 1 & 2  
 Project Number: PROJ-011221

## **Appendix D.2 Fuel Gas Analysis**

# Certificate of Analysis



**SINCE 1985**

*Quality Controlled Through Analysis*

10630 FALLSTONE RD. HOUSTON, TEXAS 77099  
P.O. BOX 741905, HOUSTON, TEXAS 77274

**TEL: (281) 495-2400**

**FAX: (281) 495-2410**

<b>CLIENT:</b>	Montrose Air Quality Services	<b>REQUESTED BY:</b>	Mr. John Hamner
<b>CLIENT PROJECT:</b>	Yuba City, CA Proj-PROJ-011221	<b>PURCHASE ORDER NO:</b>	PO-016934
<b>LABORATORY NO:</b>	95642-001	<b>REPORT DATE:</b>	October 14, 2021
<b>SAMPLE:</b>	7 Fuel Sample-1 (6022) 2021-09-20		

**Composition of Natural Gas by Gas Chromatography, ASTM D 1945.a**

	<b><u>Results, Mol %</u></b>
Hydrogen	0.003
Oxygen	0.007
Nitrogen	0.480
Carbon Dioxide	0.759
Methane	92.920
Ethane	5.220
Propane	0.478
iso-Butane	0.047
n-Butane	0.059
iso-Pentane	0.011
n-Pentane	0.008
Hexane Plus	0.008
<b>TOTAL</b>	<b>100.000</b>

**Calorific Value and Specific Gravity, Calculated at 14.696 psia and 60°F, ASTM D 3588.e**

	<b><u>Results</u></b>
Specific Gravity at 60°F (air=1)	0.5952
NET (Dry basis), BTU/scf	944.8
Gross (Dry basis), BTU/scf	1,048
NET (Dry basis), BTU/lb	20,800
Gross (Dry basis), BTU/lb	23,058

<b><u>Parameter</u></b>	<b><u>Results</u></b>
Total Sulfur in Petroleum Gas by Microcoulometry, ASTM D 3246, ppm	<1.0

Respectfully submitted  
For Texas OilTech Laboratories, L.P.

Mr. Ikenna "Ike" Ezeji  
Laboratory Director

Cert # L19-636,C2018-02457

Quality Management System Certified to ISO 9001:2015, and ISO/IEC 17025:2017

These analyses, opinions or interpretations are based on material supplied by the client to whom, and for whose exclusive and confidential use this report is made. Results related only to the items tested. Texas OilTech Laboratories, L.P. and its officers assume no responsibility and make no warranty for proper operations of any petroleum, oil, gas or any other material in connection with which this report is used or relied on. This report may not be reproduced, except in full without prior written approval by Texas OilTech Laboratories, L.P.



# Certificate of Analysis



**SINCE 1985**

*Quality Controlled Through Analysis*

10630 FALLSTONE RD. HOUSTON, TEXAS 77099  
P.O. BOX 741905, HOUSTON, TEXAS 77274

**TEL: (281) 495-2400**

**FAX: (281) 495-2410**

<b>CLIENT:</b>	Montrose Air Quality Services	<b>REQUESTED BY:</b>	Mr. John Hamner
<b>CLIENT PROJECT:</b>	Yuba City, CA Proj-PROJ-011221	<b>PURCHASE ORDER NO:</b>	PO-016934
<b>LABORATORY NO:</b>	95642-003	<b>REPORT DATE:</b>	October 14, 2021
<b>SAMPLE:</b>	9 Fuel Sample-3 (6457) 2021-09-21		

**Composition of Natural Gas by Gas Chromatography, ASTM D 1945.a**

	<u>Results, Mol %</u>
Hydrogen	0.002
Oxygen	0.006
Nitrogen	2.076
Carbon Dioxide	0.433
Methane	94.749
Ethane	2.435
Propane	0.230
iso-Butane	0.023
n-Butane	0.029
iso-Pentane	0.006
n-Pentane	0.004
Hexane Plus	0.007
<b>TOTAL</b>	<b>100.000</b>

**Calorific Value and Specific Gravity, Calculated at 14.696 psia and 60°F, ASTM D 3588.e**

	<u>Results</u>
Specific Gravity at 60°F (air=1)	0.5818
NET (Dry basis), BTU/scf	908.6
Gross (Dry basis), BTU/scf	1,008
NET (Dry basis), BTU/lb	20,464
Gross (Dry basis), BTU/lb	22,707

<u>Parameter</u>	<u>Results</u>
Total Sulfur in Petroleum Gas by Microcoulometry, ASTM D 3246, ppm	2.3

Respectfully submitted  
For Texas OilTech Laboratories, L.P.

Mr. Ikenna "Ike" Ezeji  
Laboratory Director

Cert # L19-636,C2018-02457

Quality Management System Certified to ISO 9001:2015, and ISO/IEC 17025:2017

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**FUEL F-FACTOR CALCULATIONS**  
**GE GreenLeaf1 GT1**  
**9/20/2021**

SPECIES	MW	MOLE %	MOLE % (normalized)	MW*%	HHV	BTU/SCF	LHV	BTU/SCF	C	H	O	N	ATOMS / MOLE				
													C	H	O	N	
H <sub>2</sub> (Hydrogen)	2.02	0.003	0.003	0.01	324.20	0.01	273.93	0.01	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00
O <sub>2</sub> (Oxygen)	32.00	0.007	0.007	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
N <sub>2</sub> (Nitrogen)	28.01	0.480	0.480	13.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	2.00	0.00
CO <sub>2</sub> (Carbon Dioxide)	44.01	0.759	0.759	33.40	0.00	0.00	0.00	0.00	0.09	0.00	0.24	0.00	1.00	0.00	2.00	0.00	0.00
C <sub>1</sub> (Methane)	16.04	92.920	92.920	1490.7	1010.00	938.49	909.40	845.01	11.15	3.72	0.00	0.00	1.00	4.00	0.00	0.00	0.00
C <sub>2</sub> (Ethane)	30.07	5.220	5.220	156.96	1769.70	92.38	1618.70	84.50	1.25	0.31	0.00	0.00	2.00	6.00	0.00	0.00	0.00
C <sub>3</sub> (Propane)	44.10	0.478	0.478	21.08	2516.10	12.03	2314.90	11.07	0.17	0.04	0.00	0.00	3.00	8.00	0.00	0.00	0.00
ISO C <sub>4</sub> (Isobutane / Methylpropane)	58.12	0.047	0.047	2.73	3251.90	1.53	3000.40	1.41	0.02	0.00	0.00	0.00	4.00	10.00	0.00	0.00	0.00
C <sub>4</sub> / N-C <sub>4</sub> (Butane / n-Butane)	58.12	0.059	0.059	3.43	3262.30	1.92	3010.80	1.78	0.03	0.01	0.00	0.00	4.00	10.00	0.00	0.00	0.00
ISO C <sub>5</sub> (Isopentane)	72.15	0.011	0.011	0.79	4000.90	0.44	3699.00	0.41	0.01	0.00	0.00	0.00	5.00	12.00	0.00	0.00	0.00
C <sub>5</sub> / N-C <sub>5</sub> (Pentane / n-Pentane)	72.15	0.008	0.008	0.58	4008.90	0.32	3703.90	0.30	0.00	0.00	0.00	0.00	5.00	12.00	0.00	0.00	0.00
C <sub>6+</sub> (Hexane+)	86.00	0.008	0.008	0.69	4755.90	0.38	4403.90	0.35	0.01	0.00	0.00	0.00	6.00	14.00	0.00	0.00	0.00
Ave. / Total		100.00	100.00	1724.04		1047.50		944.83	12.73	4.08	0.25	0.13					
Weight, %			99.74		=				73.86	23.68	1.42	0.78					
Gas MW			17.24														
HHV Btu/scf=			1047.50	@ 60 F													
LHV Btu/scf=			944.83	@ 60 F													
Btu/lb.=			23,058														
lb./scf=			0.0454														
Fd"(60)=			8,485.0	(O <sub>2</sub> Based)													
Fd"(68)=			8,615.6														
Fc"(60)=			1,012.7	(CO <sub>2</sub> Based)													
Fc"(68)=			1,028.3														

**Calculations:**

$$Fd''(68) = 10^6 * [3.64 * (H\%) + 1.53 * (C\%) + 0.14 * (N\%) - 0.46 * (O\%)] / HHV, Btu/lb$$

$$Fd''(60) = Fd''(68) * 520 R / 528 R$$

$$Fc''(68) = 10^6 * [0.321 * (C\%)] / HHV, Btu/lb$$

$$Fc''(60) = Fc''(68) * 520 R / 528 R$$



**FUEL F-FACTOR CALCULATIONS**  
**GE GreenLeaf1 GT2**  
**9/21/2021**

SPECIES	MW	MOLE %	MOLE % (normalized)	MW*%	HHV	BTU/SCF	LHV	BTU/SCF	C	H	O	N	ATOMS / MOLE				
													C	H	O	N	
H <sub>2</sub> (Hydrogen)	2.02	0.002	0.002	0.00	324.20	0.01	273.93	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
O <sub>2</sub> (Oxygen)	32.00	0.006	0.006	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00
N <sub>2</sub> (Nitrogen)	28.01	2.076	2.076	58.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	2.00	0.00
CO <sub>2</sub> (Carbon Dioxide)	44.01	0.433	0.433	19.06	0.00	0.00	0.00	0.00	0.05	0.00	0.14	0.00	1.00	0.00	2.00	0.00	0.00
C <sub>1</sub> (Methane)	16.04	94.749	94.749	1520.0	1010.00	956.96	909.40	861.65	11.37	3.79	0.00	0.00	1.00	4.00	0.00	0.00	0.00
C <sub>2</sub> (Ethane)	30.07	2.435	2.435	73.22	1769.70	43.09	1618.70	39.42	0.58	0.15	0.00	0.00	2.00	6.00	0.00	0.00	0.00
C <sub>3</sub> (Propane)	44.10	0.230	0.230	10.14	2516.10	5.79	2314.90	5.32	0.08	0.02	0.00	0.00	3.00	8.00	0.00	0.00	0.00
ISO C <sub>4</sub> (Isobutane / Methylpropane)	58.12	0.023	0.023	1.34	3251.90	0.75	3000.40	0.69	0.01	0.00	0.00	0.00	4.00	10.00	0.00	0.00	0.00
C <sub>4</sub> / N-C <sub>4</sub> (Butane / n-Butane)	58.12	0.029	0.029	1.69	3262.30	0.95	3010.80	0.87	0.01	0.00	0.00	0.00	4.00	10.00	0.00	0.00	0.00
ISO C <sub>5</sub> (Isopentane)	72.15	0.006	0.006	0.43	4000.90	0.24	3699.00	0.22	0.00	0.00	0.00	0.00	5.00	12.00	0.00	0.00	0.00
C <sub>5</sub> / N-C <sub>5</sub> (Pentane / n-Pentane)	72.15	0.004	0.004	0.29	4008.90	0.16	3703.90	0.15	0.00	0.00	0.00	0.00	5.00	12.00	0.00	0.00	0.00
C <sub>6+</sub> (Hexane+)	86.00	0.007	0.007	0.60	4755.90	0.33	4403.90	0.31	0.01	0.00	0.00	0.00	6.00	14.00	0.00	0.00	0.00
Ave. / Total		100.00	100.00	1685.15		1008.28		908.63	12.13	3.96	0.14	0.58					
Weight, %			99.75		=				71.95	23.51	0.83	3.45					
Gas MW			16.85														
HHV Btu/scf=			1008.28	@ 60 F													
LHV Btu/scf=			908.63	@ 60 F													
Btu/lb.=			22,707														
lb./scf=			0.0444														
Fd"(60)=			8,490.8	(O <sub>2</sub> Based)													
Fd"(68)=			8,621.5														
Fc"(60)=			1,001.8	(CO <sub>2</sub> Based)													
Fc"(68)=			1,017.2														

**Calculations:**

$$Fd''(68) = 10^6 * [3.64 * (H\%) + 1.53 * (C\%) + 0.14 * (N\%) - 0.46 * (O\%)] / HHV, Btu/lb$$

$$Fd''(60) = Fd''(68) * 520 R / 528 R$$

$$Fc''(68) = 10^6 * [0.321 * (C\%)] / HHV, Btu/lb$$

$$Fc''(60) = Fc''(68) * 520 R / 528 R$$

## **THIS IS THE LAST PAGE OF THIS DOCUMENT**

If you have any questions, please contact one of the following individuals by email or phone.

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Title: Vice President – Technical  
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Phone: (830) 387-1424

Name: Mr. John Hamner  
Title: Account Manager  
Email: [jhamner@montrose-env.com](mailto:jhamner@montrose-env.com)  
Phone: (630) 715-3259

# CALPINE GREENLEAF 1

Yuba City, California

## Unit A- Monthly Emissions & Operations Report

October - 2021

Day	Gas Flow kscf	Heat Input mmBtu	Megawatt Hours	Water Injection gal	Water Injection On-Time	NOx lbs	SO2 lbs	CO lbs	PM lbs	VOC lbs	Unit On-Time
01	126	128	11	16	0.6	10.5	0.0	5.5	1.4	0.6	0.7
02	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
03	183	187	15	19	0.7	15.3	0.0	8.0	2.0	0.9	0.8
04	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
05	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
06	47	48	4	15	0.5	3.9	0.0	2.1	0.5	0.2	0.7
07	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
08	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
09	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
10	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
11	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
12	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
13	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
14	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
15	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
16	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
17	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
18	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
19	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
20	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
21	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
22	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
23	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
24	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
25	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
26	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
27	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
28	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
29	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
30	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
31	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
Day	Gas Flow kscf	Heat Input mmBtu	Megawatt Hours	Water Injection gal	Water Injection On-Time	NOx lbs	SO2 lbs	CO lbs	PM lbs	VOC lbs	Unit On-Time
Average	119	121	10	17		9.9	0.0	5.2	1.3	0.6	
Total	356	363	30	50	2	29.7	0.0	15.6	3.9	1.7	2
12-Mo Roll	356	363				0.0 Tons	0.0 Tons	0.0 Tons	0.0 Tons	0.0 Tons	2
Year Total	356	363				0.0 Tons	0.0 Tons	0.0 Tons	0.0 Tons	0.0 Tons	2

# CALPINE GREENLEAF 1

Yuba City, California

## Unit B- Monthly Emissions & Operations Report

October - 2021

Day	Gas Flow kscf	Heat Input mmBtu	Megawatt Hours	Water Injection gal	Water Injection On-Time	NOx lbs	SO2 lbs	CO lbs	PM lbs	VOC lbs	Unit On-Time
01	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
02	24	25	2	6	0.2	1.9	0.0	0.7	0.3	0.1	0.4
03	96	98	8	14	0.5	7.6	0.0	2.8	1.1	0.3	0.6
04	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
05	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
06	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
07	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
08	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
09	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
10	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
11	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
12	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
13	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
14	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
15	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
16	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
17	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
18	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
19	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
20	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
21	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
22	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
23	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
24	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
25	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
26	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
27	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
28	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
29	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
30	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
31	Down	Down	Down	Down	0.0	Down	Down	Down	Down	Down	0.0
Day	Gas Flow kscf	Heat Input mmBtu	Megawatt Hours	Water Injection gal	Water Injection On-Time	NOx lbs	SO2 lbs	CO lbs	PM lbs	VOC lbs	Unit On-Time
Average	60	82	5	10		4.8	0.0	1.8	0.7	0.2	
Total	120	123	10	20	1	9.5	0.0	3.5	1.4	0.4	1
12-Mo Roll	120	123				0.0 Tons	0.0 Tons	0.0 Tons	0.0 Tons	0.0 Tons	1
Year Total	120	123				0.0 Tons	0.0 Tons	0.0 Tons	0.0 Tons	0.0 Tons	1

Unit A- Monthly Emissions & Operations Report

21-Sep

Day	Gas Flow k	Heat Input Megawatt	Water Inje	Water Inje	NOx lbs	SO2 lbs	CO lbs	PM lbs	VOC lbs	Unit On-Time	
1	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
2	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
3	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
4	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
5	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
6	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
7	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
8	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
9	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
10	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
11	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
12	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
13	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
14	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
15	12	12	0	0	0.3	1	0	0.5	0.1	0.1	0.3
16	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
17	356	358	18	6989	4.2	29.4	0	15.4	3.9	1.8	4.2
18	617	620	52	4727	3.1	50.9	0	26.7	6.7	3.1	3.1
19	1518	1525	153	8729	5.4	125.1	0	65.6	16.7	7.6	5.4
20	1972	1981	196	11455	6.9	162.6	0	85.1	21.5	9.8	6.9
21	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
22	342	344	33	2784	1.7	28.2	0	14.8	3.7	1.7	1.7
23	148	149	11	1160	0.8	12.2	0	6.4	1.6	0.7	0.8
24	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
25	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
26	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
27	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
28	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
29	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
30	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
Average	709	713	66	5121	58.5	0	30.6	7.7	3.5		
Total	4965	4989	463	35844	22	409.4	0	214.5	54.2	24.8	22
12-Mo Rol	4965	4989			0.2 Tons	0.0 Tons	0.1 Tons	0.0 Tons	0.0 Tons		22
Year Total	4965	4989			0.2 Tons	0.0 Tons	0.1 Tons	0.0 Tons	0.0 Tons		22

Unit B- Monthly Emissions & Operations Report

21-Sep

Day	Gas Flow k	Heat Input Megawatt	Water Inje	Water Inje	NOx lbs	SO2 lbs	CO lbs	PM lbs	VOC lbs	Unit On-Time	
1	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
2	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
3	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
4	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
5	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
6	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
7	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
8	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
9	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
10	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
11	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
12	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
13	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
14	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
15	13	13	0	0	0.1	1	0	0.4	0.1	0	0.1
16	7	7	0	0	0.3	0.5	0	0.2	0.1	0	0.3
17	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
18	667	670	49	4292	2.6	52.3	0.2	19.4	7.3	0.8	2.6
19	1119	1124	111	6525	3.9	87.6	0.3	32.8	12.3	1.4	3.9
20	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
21	2591	2603	259	14529	8.5	203.2	0.7	75.6	28.5	3.2	8.5
22	342	344	33	2784	1.7	26.8	0	10	3.7	1	1.7
23	87	87	11	580	0.5	6.8	0	2.5	1	0.3	0.5
24	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
25	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
26	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
27	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
28	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
29	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
30	Down	Down	Down	Down	0 Down	Down	Down	Down	Down	0	
Average	689	693	66	4101		54	0.2	20.1	7.6	1	
Total	4826	4848	463	28710	18	378.2	1.2	140.9	53	6.7	18
12-Mo Rol	4826	4848			0.2 Tons	0.0 Tons	0.1 Tons	0.0 Tons	0.0 Tons		18
Year Total	4826	4848			0.2 Tons	0.0 Tons	0.1 Tons	0.0 Tons	0.0 Tons		18



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Christopher D. Brown, AICP  
 Air Pollution Control Officer

## Authority to Construct

### ISSUED TO:

Calpine Greenleaf Holdings, Inc.  
 Greenleaf 1 Project  
 5087 South Township Road  
 Yuba City, CA 95993

**PERMIT NUMBER:** 13005L

### PROJECT LOCATION:

Greenleaf 1 Project  
 5087 South Township Road  
 Yuba City, CA 95993

### VALID FROM:

09/10/2021 - 9/30/2022

09/13/2021

Christopher D. Brown, AICP  
 Air Pollution Control Officer

Issue Date

**PROCESS DESCRIPTION:** COMBUSTION TURBINE GENERATORS #3 AND #4

### EQUIPMENT

No.	Equipment	Rating
1	Combustion Turbine Generator (CTG) #3, Manufacturer: General Electric, Model: TM2500-G4; Serial # [TBD], Natural Gas Fired, Simple Cycle with Single Annular Combustors with Water Injection, Heat Input Rating (HHV) 366.1 MMBtu/hr; Nominal MW Rating: 33.6 MW	366.1 MMBtu/hr
2	Combustion Turbine Generator (CTG) #4, Manufacturer: General Electric, Model: TM2500-G4; Serial # [TBD], Natural Gas Fired, Simple Cycle with Single Annular Combustors with Water Injection, Heat Input Rating (HHV) 366.1 MMBtu/hr; Nominal MW Rating: 33.6 MW	366.1 MMBtu/hr
3	Selective Catalytic Reduction (SCR) with Integrated Ammonia Injection System, Manufacturer: [TBD], Serial Number: [TBD]	--
4	Carbon Monoxide (CO) Oxidation Catalyst, Manufacturer: [TBD], Serial Number: [TBD]	--
5	Continuous Emissions Monitoring System (CEMS) [TBD]	--

**TOTAL RATINGS – MMBtu/hr- 732.2.**

**CONDITIONS FOR COMMISSIONING**

1. The commissioning period commences when all mechanical and electrical systems are installed and individual startup has been completed, or when a gas turbine is first fired, whichever comes first. The period ends when the plant has completed performance testing and is available for commercial operation.
2. Greenleaf 1 Project shall minimize emissions of the CTGs of carbon monoxide (CO) and nitrogen oxides (NOx) to the maximum extent possible during the commissioning periods.
3. The CTGs exhaust stack shall be designed and constructed such that it includes permanent provisions, consistent with the United States Environmental Protection Agency's (U.S. EPA) Method 1 design requirements, to allow the adequate collection of stack gas samples. Access ladders and/or stairs and platforms shall allow easy access to the sampling locations.
4. At the earliest feasible time, in accordance with the recommendations of the equipment manufacturer and construction contractor, the selective catalytic reduction (SCR) and carbon monoxide catalyst air pollution control equipment shall be installed, adjusted, and operated to minimize emissions of NOx, CO, and volatile organic compounds (VOCs) from each combustion turbine.
5. Greenleaf 1 Project shall submit a plan to the District prior to first firing the CTGs describing the procedures to be followed during the commissioning of the gas turbines. The plan shall include a description of each commissioning activity, the anticipated duration of each activity in hours, and the purpose of the activity. The activities described shall include, but not be limited to, the initial tuning of the combustors, the installation and operation of the required emission control systems, the installation, calibration, and testing of the CO and NOx continuous emission monitors, and any activities requiring the firing of the CTGs without abatement by their respective oxidation catalysts and/or SCR Systems.
6. During the commissioning period and after installation of the SCR and oxidation catalyst, Greenleaf 1 Project shall demonstrate compliance with Conditions 8, 9, and 10, through the use of properly operated and maintained continuous emission monitors and plant data monitoring recorders for the following parameters and emission concentrations:
  - a. firing hours
  - b. fuel flow rates
  - c. turbine water injection rates
  - d. stack gas nitrogen oxide emission concentrations
  - e. stack gas carbon monoxide emission concentrations
  - f. stack gas oxygen concentrations.



The monitored parameters shall be recorded at least once every 15 minutes (excluding normal calibration periods or when the monitored source is not in operation) for the CTGs. Greenleaf 1 Project shall use approved methods to calculate heat input rates, nitrogen dioxide mass emission rates, carbon monoxide mass emission rates, and NO<sub>x</sub> and CO emission concentrations, summarized for each clock hour and each calendar day. Greenleaf 1 Project shall retain records on site for at least 5 years from the date of entry and make such records available to District personnel upon request.

7. Greenleaf 1 Project shall install, calibrate, and operate the District-approved continuous monitors specified in Condition 6 prior to first firing of the CTGs. After first firing of the turbines, Sutter Energy Center shall adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NO<sub>x</sub> emission concentrations. The instruments shall operate at all times of operation of the CTGs including start-up, shutdown, upset, and malfunction, except as allowed by District Rule 10.3 Upset Conditions, Breakdown or Scheduled Maintenance. If necessary to comply with this requirement, Greenleaf 1 Project shall install dual-span monitors. The type, specifications, and location of these monitors shall be subject to District review and approval.
8. The total number of firing hours of each gas turbine without abatement of NO<sub>x</sub> emissions by the SCR system and/or abatement of the CO emissions by the oxidation catalyst system shall not exceed 160 hours during the commissioning period. Such operation shall only be limited to such discrete commissioning activities that can only be properly executed without the air pollution control equipment. Upon completion of these activities, Greenleaf 1 Project shall provide written notice to the District and the unused balance of the 160 firing hours without abatement shall expire. The total operating days during commissioning shall not exceed 21 calendar days.
9. The total mass emissions of each regulated pollutant that are emitted by the CTGs during the commissioning period shall accrue towards the quarterly emission limits.
10. Within 60 days after start-up of each turbine, Greenleaf 1 Project shall conduct District approved source tests on the CTGs to determine compliance with the emission limitations. The source tests shall determine NO<sub>x</sub>, CO, and VOC emissions during peak load firing conditions (100% load plus or minus 25%). The source test shall include a minimum of three compliance runs, with a minimum run time of 30 minutes. Before the execution of the source tests, Greenleaf 1 Project shall submit to the District a detailed source test plan designed to satisfy the requirements of this Part. The District will notify Greenleaf 1 Project of any necessary modifications to the plan; otherwise, the plan shall be deemed approved. Greenleaf 1 Project shall incorporate the District comments into the test plan. Greenleaf 1 Project shall notify the District prior to the planned source testing date. Greenleaf 1 Project shall submit the source test results for the CTGs to the District within 60 days of the source testing date.

## OPERATING CONDITIONS

11. Greenleaf 1 Project shall fire the CTGs exclusively on CPUC-quality natural gas with a maximum sulfur content of 0.5 grains per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of the CTGs shall possess a current, valid purchase contract, tariff sheet, or transportation contract for the fuel, specifying the total sulfur content. PG&E monthly sulfur data may be used provided that such data can be demonstrated to be representative of the gas delivered to Greenleaf 1 Project. Alternatively, the operator may choose to sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas.
12. Greenleaf 1 Project shall not operate the units such that the heat input rate to each CTG exceeds 366.1 MMBtu (HHV) per hour.
13. Greenleaf 1 Project shall not operate the units such that the heat input rate to each CTG exceeds 73,220 MMBtu (HHV) per calendar quarter.
14. Greenleaf 1 Project shall not operate the units such that the heat input rate to each CTG exceeds 73,220 MMBtu (HHV) per calendar year.
15. The owner operator shall not operate the CTGs such that the hours of operation exceed 200 hours per calendar quarter, per turbine.
16. The owner operator shall not operate the CTG such that the hours of operation exceed 200 hours per year, per turbine.
17. Greenleaf 1 Project shall ensure that each CTG is abated by the properly operated and properly maintained SCR system and oxidation catalyst system whenever fuel is combusted at the source and that the corresponding SCR catalyst bed has reached its minimum operating temperature.
18. Greenleaf 1 Project shall install, maintain, and operate continuous plant monitors and a continuous emissions monitoring system (CEMS) during all hours of operation, including gas turbine startup and shutdown periods. The following parameters shall be monitored under this section:
  - a. Firing hours, turbine water injection rates, and fuel flow rates for the CTGs
  - b. Oxygen concentration, nitrogen oxides concentration, and carbon monoxide concentration at the exhaust point of the CTGs
  - c. Ammonia (NH<sub>3</sub>) injection rate at the SCR system

Greenleaf 1 Project shall record the above parameters at least every 15 minutes (excluding normal calibration periods) and shall summarize all of the above parameters for each clock hour. Greenleaf 1 Project shall use the parameters measured above and District approved calculation methods to calculate the following CTG parameters

- d. Heat input rate

- e. The concentration of NO<sub>x</sub> and CO, corrected to 15% O<sub>2</sub> (corrected), and the mass emission rates of NO<sub>x</sub> and CO for the CTG
19. Greenleaf 1 Project shall submit design details for the SCR system, oxidation catalyst system, and continuous emissions monitoring system to the District at least 30 days prior to commencement of construction of these components.
20. Startup is defined as the period beginning with turbine light-off (firing) until the CTGs meets the concentration and mass emission limits in Condition 45. Shutdown is defined as the period beginning with initiation of the CTGs shutdown sequence and ending with cessation of fuel flow. Startup and shutdown durations shall not exceed 30 minutes. and 15 minutes, respectively, per occurrence.
21. Greenleaf 1 Project shall limit the total CTG startup events for each CTG to no more than 4 startups per day, 40 startups per calendar quarter, and 40 startups per calendar year.
22. Greenleaf 1 Project shall limit the total CTG shutdown events for each CTG to no more than 4 startups per day, 40 startups per calendar quarter, and 40 startups per calendar year.
23. Greenleaf 1 Project shall ensure that it complies with the requirements to hold SO<sub>2</sub> allowances in 40 CFR 72.9(c)(1).

## **REPORTING AND RECORDKEEPING**

24. Greenleaf 1 Project shall notify the District by the close of the next business day of operating the CTGs for any reason, including, but not limited to: commissioning activities, maintenance and testing/tuning activities, emissions testing activities, operation of the turbine for the production of electrical power, etc.
25. Greenleaf 1 Project shall submit a CEMS QA/QC plan to the District for approval within 60 days of installation. Approval should also be required for any future changes to the plan.
26. Greenleaf 1 Project shall submit to the District information correlating the control system operating parameters to the associated NO<sub>x</sub>, CO, PM<sub>10</sub>, VOC and SO<sub>x</sub> emissions. This information may be used by the Air Pollution Control Officer to determine compliance where there is no continuous emission monitoring system available or when the continuous emission monitoring system is not operating properly.
27. For each calendar day, Greenleaf 1 Project shall calculate and record the total firing hours, the average hourly fuel flow rates, turbine water injection rates, CTGs power production rates, and regulated pollutant concentration and emission rates. The data should be recorded as specified below:

- a. Heat input rate for every clock hour and the average hourly heat input rate for every rolling 3-hour period
  - b. The average NO<sub>x</sub> mass emission rate (as NO<sub>2</sub>), CO mass emission rate, and corrected NO<sub>x</sub> and CO emission concentrations, for every clock hour.
  - c. On an hourly basis, the cumulative total NO<sub>x</sub> mass emissions (as NO<sub>2</sub>) and the cumulative total CO mass emissions, for each calendar day for all CTGs
  - d. For each calendar day, the average hourly heat input rates, corrected NO<sub>x</sub> and CO emission concentrations, and NO<sub>x</sub> and CO mass emission rates of the CTGs.
  - e. For each calendar month, the cumulative total NO<sub>x</sub> mass emissions and cumulative total CO mass emissions, for each calendar quarter and the previous consecutive twelve-month period for all CTGs.
28. Greenleaf 1 Project shall calculate and record on a daily basis, the volatile organic compound (VOC) mass emissions, fine particulate matter (PM<sub>10</sub>) mass emissions (including condensable particulate matter), and sulfur oxides (SO<sub>x</sub>) mass emissions (as SO<sub>2</sub>) from the CTGs... Greenleaf 1 Project shall use the actual heat input rates, actual gas turbine start-up times, actual gas turbine shutdown times, and District-approved emission factors developed pursuant to source testing to calculate these emissions. Greenleaf 1 Project shall present the calculated emissions in the following format:
- a. For each calendar day, VOC, PM<sub>10</sub>, and SO<sub>x</sub> emissions, summarized for each CTG.
  - b. On a monthly basis, the cumulative total VOC, PM<sub>10</sub>, and SO<sub>x</sub> mass emissions, for each calendar quarter and calendar year for all CTGs operated at Greenleaf 1 Project.
29. Greenleaf 1 Project shall comply with the continuous emission monitoring requirements of 40 CFR Part 60 and 40 CFR Part 75.
30. Greenleaf 1 Project shall submit all reports to the District as required by District Rules and Regulations.
31. All records which are required to be maintained by this permit shall be maintained for a period of five years and shall be made readily available for District inspection upon request. Results of continuous emissions monitoring shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P. paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the CARB, and the U.S. EPA.
32. Greenleaf 1 Project shall notify the District of any violations of these permit conditions. Notification shall be submitted in a timely manner, in accordance with all applicable District Rules and Regulations. Notwithstanding the notification and reporting requirements given in any District Rule or Regulation Greenleaf 1 Project shall submit written notification (email or facsimile is acceptable) to the District within 96 hours of the violation of any permit condition.

33. The following records shall be kept: occurrence, duration, and type of any startup, shutdown, or malfunction; performance testing, evaluations, calibrations, checks, adjustments, any period during which a continuous monitoring system or monitoring device was inoperative, maintenance of any continuous emission monitor emission measurements, total daily and rolling twelve month average hours of operation, hourly quantity of fuel used, and gross three hour average operating load.
34. Greenleaf 1 Project shall notify the District of any breakdown condition as soon as reasonably possible, but no later than 48 hours after its detection.
35. The District shall be notified in writing within 15 calendar days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations.
36. Calibration Gas Audits (CGAs) of the continuous emissions monitors shall be conducted quarterly, except during quarters in which relative accuracy and total accuracy testing is performed, in accordance with U.S. EPA guidelines. Audit reports shall be submitted along with quarterly compliance reports to the District.
37. Greenleaf 1 Project shall comply with the applicable requirements for quality assurance testing and maintenance of the continuous emissions monitoring equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix F.
38. Greenleaf 1 Project shall submit a written report to the District for each calendar quarter, within 30 days of the end of the quarter, including: time intervals, data and magnitude of excess emissions, nature and cause of excess (if known), corrective actions taken and preventive measures adopted; averaging period used for data reporting shall correspond to the averaging period for each respective emission standard; applicable time and date of each period during which the CEM was inoperative (except for zero and span checks) and the nature of system repairs and adjustments; and a negative declaration when no excess emissions occurred.
39. Sutter Energy Center shall provide the District with a written emission statement showing actual emissions of VOCs and NO<sub>x</sub>. Pursuant to District Rule 4.8, Sutter Energy Center shall submit this emission statement on a form or in a format specified by the District. The statement shall contain the following information:
  - a. Actual emissions of VOCs and NO<sub>x</sub>, in tons per year, for the calendar year prior to the preparation of the emission statement; and
  - b. Information regarding seasonal or diurnal peaks in the emission of affected pollutants; and

- c. Certification by a responsible official of Sutter Energy Center that the information contained in the emission statement is accurate to the best knowledge of the individual certifying the emission statement.
40. Greenleaf 1 Project shall maintain an Operating Compliance Plan for the new CTGs which will assure that the air pollution control equipment will be properly maintained and that necessary operational procedures are in place to continuously achieve compliance with this permit. The Operating Compliance Plan shall include a description of the process monitoring program and devices to be used.
- a. The plan shall specify the frequency of surveillance checks that will be made of process monitoring devices and indicators to determine continued operation within permit limits. A record or log of individual surveillance checks shall be kept to document performance of the surveillance.
  - b. The plan shall include the frequency and methods of calibrating the process monitoring devices.
  - c. The plan shall specify for each emission control device:
    - i. Operation and maintenance procedures that will demonstrate continuous operation of the emission control device during emission producing operations; and
    - ii. Records that must be kept to document the performance of required periodic maintenance procedures.
  - d. The plan shall identify what records will be kept to comply with air pollution control requirements and regulations and the specific format of the records. These records shall include at least the Recordkeeping information required by this permit. The information must include emission monitoring evaluations, calibration checks and adjustments, and maintenance performed on such monitoring systems.
  - e. The plan shall be submitted to the District no later than 30 days after startup of the CTGs. The plan must be implemented upon approval by the District Air Pollution Control Officer.
  - f. The plan shall be resubmitted to the District for approval upon any changes to compliance procedures described in the plan, or upon the request of the District.

### **PERFORMANCE TESTING**

41. On an annual basis, and within twelve (12) months of the previous source test, Greenleaf 1 Project shall conduct District approved source testing on the CTG to determine compliance with the emission limitations specified in Conditions 46. The source tests shall determine concentrations and mass emissions of NO<sub>x</sub>, CO, VOC, and NH<sub>3</sub>. Fuel-based emission factors (lbs/MMbtu) for VOCs, SO<sub>x</sub> (as SO<sub>2</sub>) and PM<sub>10</sub> shall be established using the annual source test data. The source tests shall be performed while the CTG is operating at peak load firing

conditions (100% load plus or minus 25%). The source tests shall include a minimum of three compliance runs, with a minimum run time of 30 minutes each.

42. Greenleaf 1 Project shall test for (as a minimum): water content, stack gas flow rate, oxygen concentration, NO<sub>x</sub> concentration and mass emissions (as NO<sub>2</sub>), CO concentration and mass emissions, VOC concentration and mass emissions, fuel sulfur content and from it SO<sub>x</sub> mass emissions (as SO<sub>2</sub>), and total fine particulate matter emissions (PM<sub>10</sub>), including condensable particulate matter. All testing shall be performed using U.S. EPA approved test methods. Alternative test methods can be used with explicit approval of the District. Greenleaf 1 Project shall submit the source test results to the District within 60 days of conducting the tests.
43. Before the execution of the source tests, Greenleaf 1 Project shall submit to the District a source test protocol detailing the proposed scope and source test methods. The protocol shall be submitted to the District no later than thirty (30) days prior to the scheduled test date. The District will notify Greenleaf 1 Project of any necessary modifications to the plan; otherwise, the plan shall be deemed approved. Sutter Energy Center shall incorporate the District comments into the test plan.
44. On an annual basis, Greenleaf 1 Project shall verify the accuracy of the CEMS by conducting a relative accuracy test audit (RATA). The RATA shall satisfy the applicable performance specification requirements in Appendix B of 40 CFR Part 60 as well as the quality assurance and quality control procedures of 40 CFR Part 75. Greenleaf 1 Project shall submit the RATA results to the District within 60 days of conducting the tests.

### **EMISSION LIMITATIONS**

45. Greenleaf 1 Project shall ensure that the CTGs complies with emission limits established in (a) through (g) below. The limits in (a) through (e) do not apply during a gas turbine startup or shutdown, as defined in Condition 20.
  - a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTGs shall not exceed 2.71 pounds per hour. (Basis: BACT for NO<sub>x</sub>)
  - b. The NO<sub>x</sub> emission concentration at the exhaust of the CTGs shall not exceed 2.5 ppmv, on a dry basis, corrected to 15% O<sub>2</sub>, averaged over any 1-hour period. (Basis: BACT for NO<sub>x</sub>)
  - c. CO mass emissions at the exhaust of the CTG shall not exceed 2.64 pounds per hour. (Basis: BACT for CO)
  - d. The CO emission concentration at the exhaust of the CTG shall not exceed 4.0 ppmv, on a dry basis, corrected to 15% O<sub>2</sub> averaged over any rolling 3-hour period. (Basis: BACT for CO)

- e. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTG shall not exceed 2.3 pounds per hour. (Basis: BACT for VOC)
  - f. PM<sub>10</sub> mass emissions at the exhaust of the CTG shall not exceed 4.0 pounds per hour.
  - g. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTG shall not exceed 0.20 pounds per hour.
46. Greenleaf 1 Project shall ensure that the mass emissions at the exhaust of the CTG during startup and shutdown do not exceed the limits established below.
- a. NO<sub>x</sub> (calculated as NO<sub>2</sub>)
    - i. 3.10 pounds per startup.
    - ii. 3.40 pounds per shutdown.
  - b. CO
    - i. 19.40 pounds per startup.
    - ii. 21.60 pounds per shutdown.
  - c. VOC (calculated as CH<sub>4</sub>)
    - i. 0.80 pounds of VOC per startup.
    - ii. 0.90 pounds of VOC per shutdown.
47. Greenleaf 1 Project shall ensure that the quarterly emissions from the CTGs, including emissions generated during gas turbine startups, shutdowns, and malfunctions, do not exceed the limits established in (a) through (e) below. Compliance with mass emissions of VOCs, PM<sub>10</sub>, and SO<sub>x</sub> shall be demonstrated by using the heat input-based emission factors established in Condition 41 multiplied by the CTG's quarterly fuel consumption or heat input.
- a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTGs shall not exceed 1,344 pounds per quarter.
  - b. CO mass emissions at the exhaust of the CTGs shall not exceed 2,696 pounds per quarter.
  - c. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTGs shall not exceed 988 pounds per quarter.
  - d. PM<sub>10</sub> mass emissions at the exhaust of the CTGs shall not exceed 2,120 pounds per quarter.
  - e. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTG shall not exceed 96 pounds per quarter.
48. Greenleaf 1 Project shall ensure that the annual emissions from the CTGs, including emissions generated during gas turbine startups, shutdowns, and malfunctions, do not exceed the limits established in (a) through (e) below. Compliance with mass emissions of VOCs, PM<sub>10</sub>, and SO<sub>x</sub> shall be demonstrated by using the heat input-based emission factors established in Condition 41 multiplied by the CTG's annual fuel consumption or heat input.



- a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTGs shall not exceed 0.67 tons per year.
  - b. CO mass emissions at the exhaust of the CTGs shall not exceed 1.34 tons per year.
  - c. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTGs shall not exceed 0.5 tons per year.
  - d. PM<sub>10</sub> mass emissions at the exhaust of the CTGs shall not exceed 0.82 tons per year.
  - e. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTGs shall not exceed 0.05 tons per year.
49. No emissions are permitted, from any source, which are a nuisance per HSC 41700 Public Nuisance.
50. Unless otherwise specified by this permit, the permittee shall not discharge into the atmosphere from any source whatsoever any contaminant, other than uncombined water vapor, for a period or periods aggregating more than three (3) minutes in any one hour that is:
- a. As dark or darker in shade as that designated as No. 2 (or 40% opacity) on the Ringelmann Chart, as published by the United States Bureau of Mines as determined by U. S. EPA Method 9; or
  - b. Of such opacity as to obscure an observer's view to a degree to or greater than does smoke described in subsection (a).
51. The Greenleaf 1 Project shall not emit into the atmosphere, from any source particulate matter in excess of 0.3 grains per cubic foot of gas at standard conditions. When the source involves a combustion process the permittee must calculate the concentration to 12 percent carbon dioxide (CO<sub>2</sub>). [District Rule 3.2.]
52. The Greenleaf 1 Project shall not emit into the atmosphere from any single source emissions whatsoever any sulfur oxides in excess of 0.2 percent by volume (2,000 ppm) collectively calculated as sulfur dioxide (SO<sub>2</sub>). [District Rule 3.10.]
53. Ammonia emission concentrations at the exhaust of the CTGs shall not exceed 10 ppmv, on a dry basis, corrected to 15% O<sub>2</sub>. This ammonia emission concentration shall be verified by the continuous recording of the ammonia injection rate to the SCR system. The correlation between the gas turbine heat input rates, the turbine water injection rates, the SCR system ammonia injection rates, and corresponding ammonia emission concentration at the CTGs exhaust shall be determined during the performance testing. This correlation shall be used to determine ongoing compliance with the ammonia slip limit.

## **TITLE V CONDITION**

54. Greenleaf 1 Project shall file a complete application for a Significant Modification to the existing Sutter Energy Center Title V permit pursuant to 10.3, Federal Operating Permit Program, by no later than 12 months after commencing operation of the CTG.

## **GENERAL CONDITIONS**

55. Acceptance of Conditions

The FRAQMD deems acceptance of this Permit to Operate as acceptance of all conditions as specified. Failure to comply with any condition of this permit or the FRAQMD Rules and Regulations shall be grounds for revocation of this permit. [FRAQMD Rule 4.5]

56. Right to Amend Permit

The FRAQMD reserves the right to amend this permit, if the need arises, in order to ensure the compliance of this facility, and/or to abate any public nuisance. [FRAQMD Rule 4.5]

57. Permit Not Transferrable

This permit is not transferable from either one location to another, from one piece of equipment to another or from one person to another without prior FRAQMD approval. In the event a new owner assumes the control of this facility, the permittee and new owner shall notify the FRAQMD in writing within ten (10) days of the change of ownership. [FRAQMD Rule 4.15]

58. Operation in Accordance with Permit Submittal

The permittee shall operate the equipment in compliance with all data and specifications submitted with the application under which this permit was issued. If any provision of this permit is found to be invalid, such finding shall not affect the remaining provisions of this permit. [FRAQMD Rule 4.5]

59. Payment of Fees

The permittee shall be responsible for the payment of annual fees. In the event of facility closure or change in ownership or responsibility, the new owner shall be responsible for any outstanding and/or current fees. [FRAQMD Rule 7.6]

60. Right of Entry

The "Right of Entry", as delineated by the California Health and Safety Code Section 41510 of Division 26, shall apply at all times. The permittee shall allow

FRAQMD staff access to the plant site and pertinent records at all reasonable times for the purposes of inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emission records, training, and otherwise conducting all necessary functions related to this permit. [CA Health and Safety Code Section 41510]

61. Permit Condition Familiarity

The operating staff of this facility shall be advised of and be familiar with all the conditions contained in this permit. [FRAQMD Rule 4.5]

62. Maintain Equipment

The permittee shall maintain the physical integrity of all processes and air pollution control equipment at regular intervals to insure minimal discharge of emissions. The permittee shall not operate the basic equipment without the control equipment attached and operating as designed. The permittee shall follow the equipment manufacturers' recommendations diligently. [FRAQMD Rule 4.5]

63. Emission Source Tests

The FRAQMD may conduct or require emission source tests on any source at the discretion of the FRAQMD. The permittee shall conduct all tests and calculate all results in accordance with test procedures approved by the FRAQMD. [FRAQMD Rule 9.3]

64. Permit Required for Additions and Alterations

The permittee shall report any additions, deletions, or alterations of the subject equipment, including a change in the method of operation or a change in the location, to the FRAQMD. Such alterations may require a new Authority to Construct permit. [FRAQMD Rule 4.1]

65. Copy of Permit Maintained at Facility

The permittee shall maintain this permit or a legible copy at the site. The permit shall be made available on demand to any authorized person. [FRAQMD Rule 4.14]

66. Fugitive Dust

The permittee shall take every reasonable precaution not to cause or allow the emissions of fugitive dust from being airborne beyond the property line from which the emission originates, from any construction, handling or storage activity, or any wrecking, excavation, grading, clearing of land or solid waste disposal operation. Reasonable precautions shall include, but are not limited to:

- a. The use, where possible, of water or chemicals for controlling dust during the demolition of existing buildings or structures, construction operations, construction of roadways, or the clearing of land;
  - b. The application of asphalt, California approved oils and emulsion substances, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces which can give rise to airborne dusts; or
  - c. Any other means submitted in writing and approved by the FRAQMD.  
[FRAQMD Rule 3.16]
  
67. Surface Preparation and Clean-up
  - a. This facility is subject to all applicable requirements under District Rule 3.14 – Surface Preparation and Clean-up.
  - b. Net surface preparation and clean-up solvent usage at this facility shall not exceed 20 gallons per calendar year.
  - c. The permittee shall keep current Safety Data Sheets for all VOC-containing materials (solvents, coatings, inks, resins) used at this facility and make them available to District personnel upon request.
  - d. The permittee shall store all VOC-containing materials, whether in their form for intended use or as a waste or used product, including items such as cloth or paper laden with VOC-containing materials, in non-absorbent, non-leaking containers which shall be kept closed at all times, except when in-use, and disposed of in a manner to prevent the evaporation of VOCs into the atmosphere.  
[FRAQMD Rule 3.14]
  
68. Natural Gas-Fired Water Heaters, Small Boilers, and Process Heaters  
The permittee shall not install at this facility any natural gas-fired boiler, steam generator, process heater, or water heater with a rated heat input capacity of greater than or equal to 75,000 British Thermal Units per hour (Btu/hr) and less than 1 million Btu/hr unless the unit is certified to meet the emissions requirements established in FRAQMD Rule 3.23.  
[FRAQMD Rule 3.23]
  
69. Air Toxic Hot Spots
  - a. This facility is subject to Division 26, Part 6, Chapter 1 Section 44300 et. seq. of the California Health and Safety Code (Air Toxics “Hot Spots” Information and Assessment Act of 1987). The owner or operator is responsible for complying with all requirements and deadlines set forth in the regulation.
  - b. The FRAQMD reserves the right to require the facility to evaluate the health risk, in accordance with the AB2588 Air Toxics “Hot Spots” Emission Inventory Criteria and Guidelines Regulation, if there is a significant change in population, emissions, or emission unit(s) site location, or if new health data becomes available.  
[CA Health and Safety Code Section 44300 et. seq.]
  
70. Portable Engines and Portable Equipment Units
  - a. The operation of portable engines and portable equipment units at the facility shall not require modification of this permit provided the permittee

verify that each source is registered with the California Air Resources Board or permitted by the FRAQMD.

- i. This provision shall not apply if the engine or equipment unit is operated in such a way that it supplements the stationary source operation.
  - ii. For the purpose of this permit, "Equipment Unit" means equipment that emits PM10 over and above that emitted from an associated engine.
- b. Portable engines and portable equipment units registered by the California Air Resources Board shall operate pursuant to the conditions of the registration. This permit does not allow operation of the source, such that the operation invalidates the registration.
  - c. Portable engines and portable equipment units permitted by the FRAQMD shall operate pursuant to the conditions of the permit.
  - d. If a portable equipment unit will be at the facility for more than five days, the permittee shall notify the district in writing within two working days of commencing operations. The notification shall include:
    - i. The registration number of the equipment unit;
    - ii. The name and phone number of the responsible official; and
    - iii. The estimated time that the equipment unit will be located at the facility.
  - e. If the permittee utilizes a portable equipment unit, the permittee shall comply with the following recordkeeping and reporting provisions within 30 days after the end of each calendar quarter:
    - i. The dates in which the equipment unit was operated at the facility;
    - ii. The type and quantity of materials processed by the equipment unit; and
    - iii. The emissions for the project, calculated in accordance with the equipment unit's registration.

[Basis: FRAQMD Rule 4.5]

71. Performance Test Requirements: If the District finds that additional performance tests are required to determine compliance with District Rules and Regulations and/or conditions of this Authority to Construct, reasonable written notice shall be provided to Greenleaf 1 Project. The performance tests shall be subject to the following:
  - a. At least thirty (30) days prior to the actual testing, a written test plan shall be submitted to the District detailing the sampling methods, analytical methods or detection principles to be used. The prior written approval of the District is required for the use of alternate test methods.
  - b. The District may require, upon reasonable written notice, the conduct by Greenleaf 1 Project of such emissions testing or analysis as may be deemed necessary by the District to demonstrate compliance with District Rules and/or state or federal regulations and the limiting conditions of this permit.
  - c. Testing shall be conducted in accordance with 40 CFR 60, Appendix A, Methods, or equivalent methods approved by the State of California Air Resources Board (CARB) by reference in Title 17 of the California Administrative Code, or other methods specified by Greenleaf 1 Project

and approved in writing by the District. Independent testing contractors and analytical laboratories shall be CARB certified for the test or analysis conducted. Particulate matter testing, if requested, shall include both filterable and condensed particulate matter (e.g. Method 5 modified to include impinger catch).

d. A report of the testing shall be submitted to the District no later than sixty (60) days after the source test is performed.

72. The applicant/permittee has an obligation to defend and indemnify the District against third party challenges.

**Greenleaf One**  
 Yuba City, CA  
**Facility- Monthly On-Time Report**  
 September - 2021

Day	Unit A On-Time	Unit B On-Time
01	0.0	0.0
02	0.0	0.0
03	0.0	0.0
04	0.0	0.0
05	0.0	0.0
06	0.0	0.0
07	0.0	0.0
08	0.0	0.0
09	0.0	0.0
10	0.0	0.0
11	0.0	0.0
12	0.0	0.0
13	0.0	0.0
14	0.0	0.0
15	0.3	0.1
16	0.0	0.3
17	4.2	0.0
18	3.1	2.6
19	5.4	3.9
20	6.9	0.0
21	0.0	8.5
22	1.7	1.7
23	0.8	0.5
24	0.0	0.0
25	0.0	0.0
26	0.0	0.0
27	0.0	0.0
28	0.0	0.0
29	0.0	0.0
30	0.0	0.0
Total	22	18
12-Mo Roll	22	18
Year Total	22	18

**Greenleaf One**  
 Yuba City, CA  
**Facility- Monthly On-Time Report**  
 October - 2021

Day	Unit A On-Time	Unit B On-Time
01	0.0	0.0
02	0.0	0.0
03	0.0	0.0
04	0.0	0.0
05	0.0	0.0
06	0.0	0.0
07	0.0	0.0
08	0.0	0.0
09	0.0	0.0
10	0.0	0.0
11	0.0	0.0
12	0.0	0.0
13	0.0	0.0
14	0.0	0.0
15	0.0	0.0
16	0.0	0.0
17	0.0	0.0
18	0.0	0.0
19	0.0	0.0
20	0.0	0.0
21	0.0	0.0
22	0.0	0.0
23	0.0	0.0
24	0.0	0.0
25	0.0	0.0
26	0.0	0.0
27	0.0	0.0
28	0.0	0.0
29	0.0	0.0
30	0.0	0.0
31	0.0	0.0
Total	0	0
12-Mo Roll	22	18
Year Total	22	18



**From:** [Forsythe, William](#)  
**To:** [Bradley, Joanne](#)  
**Cc:** [Curiel, Mihaela](#); [Kott, Bob](#); [Ulmer, Andrew](#); [Garner, Matt](#); [Wallace, Petra](#); [Joel Ledesma - DWR \(joel.ledesma@water.ca.gov\)](#)  
**Subject:** [EXTERNAL] RE: CAISO/DOE Data Request - Roseville Energy Park  
**Date:** Monday, November 22, 2021 7:36:48 PM  
**Attachments:** [image003.png](#)  
[image004.jpg](#)  
[GE TM2500 Initial CT Run Times and Emission Calcs ROSE FINAL.xlsx](#)

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Joanne,

See Roseville's response below. Please let us know if you need any additional information. The attached spreadsheet summarizes the commissioning activities of the units.

Bill

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**From:** Bradley, Joanne  
**Sent:** Wednesday, November 3, 2021 11:33 AM  
**To:** 'WForsythe@roseville.ca.us' <[WForsythe@roseville.ca.us](mailto:WForsythe@roseville.ca.us)>  
**Cc:** 'MCurriel@roseville.ca.us' <[MCurriel@roseville.ca.us](mailto:MCurriel@roseville.ca.us)>; Kott, Bob <[RKott@caiso.com](mailto:RKott@caiso.com)>; Ulmer, Andrew <[aulmer@caiso.com](mailto:aulmer@caiso.com)>  
**Subject:** CAISO/DOE Data Request - Roseville Energy Park  
**Importance:** High

Dear Bill:

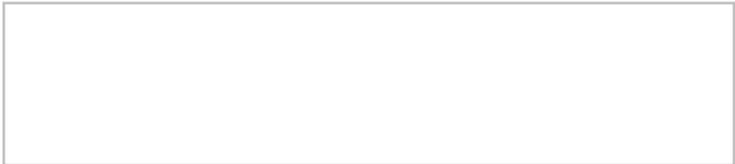
The U.S. Department of Energy has directed the CAISO to report specific information in connection with DOE's [September 10, 2021 emergency order](#) under Federal Power Act Section 202(c), which applied to the units at the Roseville Energy Park (hereinafter the Covered Resource). The CAISO is working to submit a report with responsive information no later than December 1, 2021. We are coordinating this reporting effort with the California Energy Commission and California Air Resource Board. We request that you provide the following information no later than November 23, 2021.

For each date from September 10, 2021 up to and including November 9, 2021, on which the Covered Resource operated, please provide for each Covered Resource unit,

- (1) The hours of operation, as well as the hours in which any permit limit was exceeded; and  
The Covered Resources were directed by CAISO for commissioning only. There are no hours of Operation as described in the DOE Waiver. No permit limits were exceeded.
- (2) A description of each permit term that was exceeded and the manner in which such exceedance occurred.  
If none, please so state.  
None.

Please also include the following information in an Excel spreadsheet for each date from September 10, 2021 up to and including November 9, 2021 for each Covered Resource unit:

- Actual emissions data in pounds per hour for each Covered Resource unit, for each hour of operations, for CO, NOx, PM2.5, PM10, volatile organic compounds (VOC), and SO2;  
N/A
- For each category of emissions, please provide permitted operating/emission limits.  
N/A
- For each category of emissions, any actual incremental emissions above the permit limits, (if units are not equipped with continuous emission monitoring systems, please calculate actual emissions using source test data);  
N/A
- Stack parameters for each Covered Resource unit: stack height, exit diameter, exit gas temperature, and exit velocity (or volumetric flow rate). Temperature and velocity should reflect values applicable to operations above permit limits;



- The hours that each Covered Resource unit operated in excess of permit limits or operated without otherwise-required permits.

N/A

Please let me know if you have any immediate questions. I will follow-up on November 9 to ensure you do not have any outstanding questions and again on November 16 to ensure you can provide the requested data on or before November 23.

Thank you in advance for your attention and response to this request.

**Joanne Bradley (JB)**

Account Manager



[jbradley@caiso.com](mailto:jbradley@caiso.com)

916-847-9386

250 Outcropping Way, Folsom, CA 95630

\*\*\*\*\*

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\*\*\*\*\*

### Units Hours

	<b>Commissioning Hours</b>	<b>Operating Hours (CAISO Directed for Grid Emergency)</b>
CT5	43.7	0
CT6	13.1	0

*Note: Placer County permits allow 160 hours of commissioning hours for each unit*

### Emissions

	<b>NOx (lbs)</b>	<b>CO (lbs)</b>	<b>VOC (lbs)</b>	<b>PM10 (lbs)</b>	<b>SO2 (lbs)</b>
CT5	1,206.0	3,018.5	379.9	174.7	1.4
CT6	354.4	783.6	113.8	52.3	0.4
Roseville Energy Park Q3 2021 Emis	9,598.4	3,347.0	3,443.1	2,114.2	1,031.6
Site Total Q3 Emissions	11,158.9	7,149.1	3,936.9	2,341.2	1,033.5
Q3 Permit Allowance	17,646.0	28,515.0	6,672.0	19,168.0	3,709.0

*Note: Placer County permit emission limits are aggregated and include REP, CT5, and CT6.*

### Exhaust Stack Dimensions

Stack height	26.1 ft
Exit dimensions (rectangular)	8.1 x 11.6 ft
Exit gas temperature	1045 F
Exit velocity (volumetric flow rate)	99.74 kg/s

CT5 = North Unit  
CT6 = South Unit

CT 5 and CT6 Run Times (based on breaker opening/closing)				
	CT5 Close	CT5 Open	Total (HH:MM)	Total (hours)
9/15/2021	--	--	0	0.00
9/15/2021	23:13	0:00	0:47	0.78
9/16/2021	0:00	1:16	1:16	1.27
9/16/2021	15:36	15:57	0:21	0.35
9/17/2021	3:53	6:28	2:35	2.58
9/17/2021	13:48	14:19	0:31	0.52
9/17/2021	14:32	15:58	1:26	1.43
9/18/2021	3:24	12:11	8:47	8.78
9/19/2021	5:53	15:35	9:42	9.70
9/20/2021	2:57	9:09	6:12	6.20
9/21/2021	7:55	15:56	8:01	8.02
9/22/2021	--	--	0	0.00
			<b>39:38:00</b>	<b>39.63</b>
Starts			9	
Shutdowns			9	
	CT6 Close	CT6 Open	Total (HH:MM)	Total (hours)
9/15/2021	--	--	0	0.00
9/16/2021	15:06	15:34	0:28	0.47
9/17/2021	3:00	3:33	0:33	0.55
9/17/2021	3:53	4:34	0:41	0.68
9/17/2021	4:51	5:01	0:10	0.17
9/17/2021	14:10	14:59	0:49	0.82
9/20/2021	9:12	10:52	1:40	1.67
9/22/2021	7:58	15:06	7:08	7.13
			<b>11:29:00</b>	<b>11.48</b>
Starts			7	
Shutdowns			7	

Run Steps  
A Full Speed No load and first fire  
B Fire unit: perform sync checks, no unit load  
C Sync to Grid: Setup up power, tune AVR, Tune Water injection  
D Performance Test & Emissions Testing

CT 5 and CT6 Run Times (DWR Inspector Observed)				
	CT5 Start	CT5 Stop	Total (HH:MM)	Total (hours)
9/15/2021	12:00	13:30	1:30	1.50
9/15/2021	21:15	0:00	2:45	2.75
9/16/2021	0:00	1:15	1:15	1.25
9/16/2021	15:40	16:00	0:20	0.33
9/17/2021	3:50	6:30	2:40	2.67
9/17/2021	13:45	14:20	0:35	0.58
9/17/2021	14:30	16:00	1:30	1.50
9/18/2021	3:30	12:30	9:00	9.00
9/19/2021	5:50	15:30	9:40	9.67
9/20/2021	3:00	9:10	6:10	6.17
9/21/2021	8:00	16:00	8:00	8.00
9/22/2021	7:00	7:15	0:15	0.25
			<b>43:40:00</b>	<b>43.67</b>
Starts			11	
Shutdowns			11	
	CT6 Start	CT6 Stop	Total (HH:MM)	Total (hours)
9/15/2021	14:30	16:00	1:30	1.50
9/16/2021	15:00	15:30	0:30	0.50
9/17/2021	3:00	3:30	0:30	0.50
9/17/2021	3:50	4:30	0:40	0.67
9/17/2021	4:50	5:00	0:10	0.17
9/17/2021	14:00	15:00	1:00	1.00
9/20/2021	9:15	11:00	1:45	1.75
9/22/2021	8:00	15:00	7:00	7.00
			<b>13:05:00</b>	<b>13.08</b>
Starts			8	
Shutdowns			8	

CT5 Commissioning Hours 43.67  
CT5 Permit Allowable Commissioning Hours 160  
**Permit Excedence No**  
  
CT6 Commissioning Hours 13.08  
CT6 Permit Allowable Commissioning Hours 160  
**Permit Excedence No**

Testing Step Hours					Testing Notes:	
A	B	C	D	Total Hour	Δ	
1.50	-	-	-	1.50	-	Started but gas pressure skid settings needed to be adjusted shut down
-	2.00	0.75	-	2.75	0.00	Started; synced to grid near midnight, shutdown due to water leak
-	-	1.25	-	1.25	-	Troubleshooting DeMin Water Injection leak
-	-	0.33	-	0.33	(0.00)	Troubleshooting DeMin Water Injection leak
-	-	2.67	-	2.67	0.00	Troubleshooting AVR
-	-	0.58	-	0.58	(0.00)	Troubleshooting AVR
-	-	1.50	-	1.50	-	Troubleshooting AVR
-	-	9.00	-	9.00	-	Water Ratio setup
-	-	-	-	9.67	0.00	Performance and Emissions testing: bad emissions instruments
-	-	-	-	6.17	0.00	Performance and Emissions testing; data got corrupted
-	-	-	-	8.00	-	Performance and Emissions testing
-	-	0.25	-	0.25	0.00	Start up check
1.50	2.25	16.08	23.84	43.67	0.00	

1.50	-	-	-	1.50	-	Started but gas pressure skid settings needed to be adjusted shut down
-	0.50	-	-	0.50	(0.00)	Sync Check troubleshooting
-	-	0.50	-	0.50	-	Troubleshooting DeMin Water Injection leak
-	-	0.67	-	0.67	0.00	
-	-	0.17	-	0.17	0.00	
-	-	1.00	-	1.00	-	Troubleshooting DeMin Water Injection leak
-	-	-	-	1.75	-	Performance and Emissions testing
-	-	-	-	7.00	(0.00)	Performance and Emissions testing
1.50	0.50	2.34	8.75	13.09	0.01	

**Assumptions**

1. Normal Startup is 10 min startup per Policy Paper # 157 - Figure 3. Normal Shutdown is 9 min. The Estimated Emissions for each Startup and Shut Down event are as follows:

Parameter	Emission Rates		
	Start	Shut Down	Sum
NOx lbs/event	3.1	3.4	6.5
CO lbs/event	19.4	21.6	41
Duration, min	10	9	19

2. Initial Startup on Both units have extended FSNL Operation for AVR Commissioning and Pre-synch Checks. Estimated Emissions at FSNL are as follows:

Parameter	Value	Units
NOx ppm @ 15% O2	56	ppm
CO ppm @ 15% O2	577	ppm
NOx mass rate	8.4	lb/hr
CO mass rate	53	lb/hr

3. Baseload Emissions prior to Source Testing assumes no Water Injection / NOx abatement. Estimated Emissions at Baseload without Water Injection are as follows:

Parameter	Value	Units
NOx mass rate	33.7	lb/hr
CO mass rate	126.7	lb/hr

4. Baseload Emissions during and after Source Testing are based on actual data collected during Compliance Source Test.

Parameter	CT 5 Value	CT6 Value	Units
NOx mass rate	23.56	23.64	lb/hr
CO mass rate	13.87	6.06	lb/hr

5. Estimated Emissions for other Polutants are based on the following Emission Rates:

Parameter	Value	Units
VOC mass rate	8.7	lb/hr
PM10 mass rate	4.0	lb/hr
SO2	0.033	lb/hr

Emissions calculations for Commissioning of each unit (lbs):	CT 5					CT 6				
	NOx (lbs)	CO (lbs)	VOC (lbs)	PM10 (lbs)	SO2 (lbs)	NOx (lbs)	CO (lbs)	VOC (lbs)	PM10 (lbs)	SO2 (lbs)
Start up and Shutdowns	71.5	451.0				52.0	328.0			
FSNL - Run Steps A and B	31.5	198.8				16.8	106.0			
Baseload operation prior to Source Testing - Run Step C	541.4	2038.1				78.8	296.6			
Baseload Operation During Source Testing - Run Step D	561.7	330.7				206.9	53.0			
<b>Total</b>	<b>1206.0</b>	<b>3018.5</b>	<b>379.9</b>	<b>174.7</b>	<b>1.4</b>	<b>354.4</b>	<b>783.6</b>	<b>113.8</b>	<b>52.3</b>	<b>0.4</b>

	NOx (lbs)	CO (lbs)	VOC (lbs)	PM10 (lbs)	SO2 (lbs)
Roseville Energy Park Q3 2021 Emissions	9598.4	3347.0	3443.1	2114.2	1031.6
CDWR CT5 Emissions	1206.0	3018.5	379.9	174.7	1.4
CDWR CT6 Emissions	354.4	783.6	113.8	52.3	0.4
<b>Total Site Emissions for Q3 2021</b>	<b>11,158.9</b>	<b>7,149.1</b>	<b>3,936.9</b>	<b>2,341.2</b>	<b>1,033.5</b>
<b>Placer County Permit Allowance</b>	<b>17,646</b>	<b>28,515</b>	<b>6,672</b>	<b>19,168</b>	<b>3,709</b>
<u>Exceed Permits</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>

Each Unit is allowed up to 160 hours for Commissioning by Placer County

The combined total emissions from all units at the Roseville Energy Park site is the following:

Pollutant	Quarter 1 (lbs)	Quarter 2 (lbs)	Quarter 3 (lbs)	Quarter 4 (lbs)	Annual (tons/year)
NOx	15,546	13,412	17,646	15,572	31.09
CO	27,121	33,872	28,515	30,202	59.86
VOCs	5,832	7,455	6,672	6,890	13.42
PM10	17,673	15,513	19,168	19,158	35.76
SOx	3,400	2,893	3,709	3,663	6.83

**Table 1 – Roseville Energy Park Quarterly and Annual Emission Limits**

Pollutant	Quarter 1 (lbs)	Quarter 2 (lbs)	Quarter 3 (lbs)	Quarter 4 (lbs)	Annual (tons/year)
NOx	15,546	13,412	17,646	15,572	31.09
CO	27,121	33,872	28,515	30,202	59.86
VOCs	5,832	7,455	6,672	6,890	13.42
PM <sub>10</sub>	17,673	15,513	19,168	19,158	35.76
SOx	3,400	2,893	3,709	3,663	6.83

**Stack parameters for each Covered Resource unit:**

Stack height	26.1 ft
Exit dimensions (rectangular)	8.1 x 11.6 ft
Exit gas temperature	1045 F
Exit velocity (volumetric flow rate)	99.74 kg/s



Placer County Air Pollution Control District  
 110 Maple Street  
 Auburn, California 95603  
 (530) 745-2330 - Fax (530) 745-2373

**Authority to Construct /  
 Temporary Permit to Operate**

**ISSUED TO:**  
 ROSEVILLE ENERGY PARK  
 5120 PHILLIP RD  
 ROSEVILLE, CA 95747

**PERMIT NUMBER:** AC-REPR-21C

**FACILITY LOCATION:**  
 ROSEVILLE ENERGY PARK  
 5120 PHILLIP RD  
 ROSEVILLE, CA 95747

**VALID FROM:**  
 09/13/2021 - 9/30/2022

*Erik C. White for*

Erik C. White  
 Air Pollution Control Officer

09/13/2021  
 Issue Date

**PROCESS DESCRIPTION:** COMBUSTION TURBINE GENERATOR #3

**EQUIPMENT**

No.	Equipment	Rating
1	Combustion Turbine Generator (CTG) #3, Manufacturer: General Electric, Model: TM2500-G4; Serial # [TBD], Natural Gas Fired, Simple Cycle with Single Annular Combustors with Water Injection, Heat Input Rating (HHV) 366.1 MMBtu/hr; Nominal MW Rating: 33.6 MW	366.1 MMBtu/hr
2	Selective Catalytic Reduction (SCR) with Integrated Ammonia Injection System, Manufacturer: [TBD], Serial Number: [TBD]	--
3	Carbon Monoxide (CO) Oxidation Catalyst, Manufacturer: [TBD], Serial Number: [TBD]	--
4	Continuous Emissions Monitoring System (CEMS)	--

**TOTAL RATINGS** – MMBtu/hr- 366.1.



## **CONDITIONS FOR COMMISSIONING**

1. The commissioning period commences when all mechanical and electrical systems are installed, or when a gas turbine is first fired, whichever comes first. The period ends when the plant has completed performance testing and is available for commercial operation.
2. Roseville Electric shall minimize emissions of carbon monoxide and nitrogen oxides from the CTG to the maximum extent possible during the commissioning period.
3. The CTG exhaust stack shall be designed and constructed such that it includes permanent provisions, consistent with the United States Environmental Protection Agency's (U.S. EPA) Method 1 design requirements, to allow the adequate collection of stack gas samples. Access ladders and/or stairs and platforms shall allow easy access to the sampling locations.
4. Roseville Electric shall submit design details for the SCR system, oxidation catalyst system, and continuous emissions monitoring system to the District at least 30 days prior to commencement of construction of these components.
5. At the earliest feasible time, in accordance with the recommendations of the equipment manufacturer and construction contractor, the selective catalytic reduction system and carbon monoxide catalyst air pollution control equipment shall be installed, adjusted and operated to minimize emissions of NO<sub>x</sub>, CO, and VOCs from the combustion turbine.
6. Roseville Electric shall submit a plan to the District prior to first firing the CTG describing the procedures to be followed during the commissioning of the gas turbine. The plan shall include a description of each commissioning activity, the anticipated duration of each activity in hours, and the purpose of the activity. The activities described shall include, but not be limited to, the initial tuning of the combustors, the installation and operation of the required emission control systems, the installation, calibration, and testing of the CO and NO<sub>x</sub> continuous emission monitors, and any activities requiring the firing of the CTG without abatement by their respective oxidation catalysts and/or SCR System.
7. During the commissioning period, Roseville Electric shall demonstrate compliance with Conditions 9, 10, and 11, through the use of properly operated and maintained continuous emission monitors and plant data monitoring recorders for the following parameters and emission concentrations:
  - a. firing hours
  - b. fuel flow rates
  - c. turbine water injection rates
  - d. stack gas nitrogen oxide emission concentrations,
  - e. stack gas carbon monoxide emission concentrations
  - f. stack gas oxygen concentrations.

The monitored parameters shall be recorded at least once every 15 minutes (excluding normal calibration periods or when the monitored source is not in operation) for the CTG. Roseville Electric shall use approved methods to calculate heat input rates, nitrogen dioxide mass emission rates, carbon monoxide mass emission rates, and NO<sub>x</sub> and CO

emission concentrations, summarized for each clock hour and each calendar day. Roseville Electric shall retain records on site for at least 5 years from the date of entry and make such records available to District personnel upon request.

8. Roseville Electric shall install, calibrate, and operate the District-approved continuous monitors specified in Condition 7 prior to first firing of the CTG. After first firing of the turbine, Roseville Electric shall adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NOx emission concentrations. The instruments shall operate at all times of operation of the CTG including start-up, shutdown, upset, and malfunction, except as allowed by District Rule 404, Upset Conditions, Breakdown or Scheduled Maintenance. If necessary to comply with this requirement, Roseville Electric shall install dual-span monitors. The type, specifications, and location of these monitors shall be subject to District review and approval.
9. The total number of firing hours of each gas turbine without abatement of NOx emissions by the SCR system and/or abatement of the CO emissions by the oxidation catalyst system shall not exceed 160 hours during the commissioning period. Such operation shall only be limited to such discrete commissioning activities that can only be properly executed without the air pollution control equipment. Upon completion of these activities, Roseville Electric shall provide written notice to the District and the unused balance of the 160 firing hours without abatement shall expire. The total operating days during commissioning shall not exceed 21 calendar days.
10. The total mass emissions of each regulated pollutant that are emitted by the CTG during the commissioning period shall accrue towards the quarterly emission limits specified in Condition 48.
11. Within 60 days after start-up, Roseville Electric shall conduct District approved source tests on the CTG to determine compliance with the emission limitations specified in Condition 44. The source tests shall determine NOx, CO, and VOC emissions during peak load firing conditions (100% load plus or minus 25%). The source test shall include a minimum of three compliance runs, with a minimum run time of 30 minutes. Before the execution of the source tests, Roseville Electric shall submit to the District a detailed source test plan designed to satisfy the requirements of this Part. The District will notify Roseville Electric of any necessary modifications to the plan; otherwise, the plan shall be deemed approved. Roseville Electric shall incorporate the District comments into the test plan. Roseville Electric shall notify the District prior to the planned source testing date. Roseville Electric shall submit the source test results for the CTG to the District within 60 days of the source testing date.

## OPERATING CONDITIONS

12. Roseville Electric shall fire the CTG exclusively on pipeline-quality natural gas with a maximum sulfur content of 0.5 grains per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of the CTG shall possess a current, valid purchase contract, tariff sheet, or transportation contract for the fuel, specifying the total sulfur content. PG&E monthly sulfur data may be used provided that such data can be demonstrated to be representative of the gas delivered to Roseville Energy Park. Alternatively, the operator may choose to sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas.
13. Roseville Electric shall not operate the unit such that the heat input rate to the CTG exceeds 366.1 MMBtu (HHV) per hour.
14. Roseville Electric shall not operate the unit such that the heat input rate to the CTG exceeds 73,220 MMBtu (HHV) per calendar quarter.
15. Roseville Electric shall not operate the unit such that the heat input rate to the CTG exceeds 73,220 MMBtu (HHV) per calendar year
16. Roseville Electric shall not operate the CTG such that the hours of operation exceed 200 hours per calendar quarter.
17. Roseville Electric shall not operate the CTG such that the hours of operation exceed 200 hours per year.
18. Roseville Electric shall ensure that the CTG is abated by the properly operated and properly maintained SCR system and oxidation catalyst system whenever fuel is combusted at the source and that the corresponding SCR catalyst bed has reached its minimum operating temperature.
19. Roseville Electric shall install, maintain, and operate continuous plant monitors and a continuous emissions monitoring system (CEMS) during all hours of operation, including gas turbine startup and shutdown periods. The following parameters shall be monitored under this section:
  - a. Firing hours, turbine water injection rates, and fuel flow rates for the CTG
  - b. Oxygen concentration, nitrogen oxides concentration, and carbon monoxide concentration at the exhaust point of the CTG
  - c. Ammonia (NH<sub>3</sub>) injection rate at the SCR system

Roseville Electric shall record the above parameters at least every 15 minutes (excluding normal calibration periods) and shall summarize all of the above parameters for each clock hour. Roseville Electric shall use the parameters measured above and District approved calculation methods to calculate the following CTG parameters

- d. Heat input rate
- e. The concentration of NO<sub>x</sub> and CO, corrected to 15% O<sub>2</sub> (corrected), and the mass emission rates of NO<sub>x</sub> and CO for the CTG

20. Startup is defined as the period beginning with turbine light-off (firing) until the CTG meets the concentration and mass emission limits in Condition 44. Shutdown is defined as the period beginning with initiation of the CTG shutdown sequence and ending with cessation of firing of the gas turbine engine or fuel shutoff. Startup and shutdown durations shall not exceed 30 minutes and 15 minutes, respectively, per occurrence.
21. Roseville Electric shall limit the total CTG startup events to no more than 4 startups per day, 40 startups per calendar quarter, and 40 startups per calendar year.
22. Roseville Electric shall limit the total CTG shutdown events to no more than 4 shutdowns per day, 40 shutdowns per calendar quarter, and 40 shutdowns per calendar year.
23. Roseville Electric shall ensure that Roseville Energy Park complies with the requirements to hold SO<sub>2</sub> allowances in 40 CFR 72.9(c)(1).

### **REPORTING AND RECORDKEEPING**

24. Roseville Electric shall notify the District within 24 hours of operating the CTG for any reason, including, but not limited to: commissioning activities, maintenance and testing/tuning activities, emissions testing activities, operation of the turbine for the production of electrical power, etc.
25. Roseville Electric shall submit a CEMS QA/QC plan to the District for approval. Approval should also be required for any future changes to the plan.
26. For each calendar day, Roseville Electric shall calculate and record the total firing hours, the average hourly fuel flow rates, turbine water injection rates, CTG power production rates, and regulated pollutant concentration and emission rates. The data should be recorded as specified below:
  - a. Heat input rate for every clock hour and the average hourly heat input rate for every rolling 3-hour period
  - b. The average NO<sub>x</sub> mass emission rate (as NO<sub>2</sub>), CO mass emission rate, and corrected NO<sub>x</sub> and CO emission concentrations, for every clock hour.
  - c. On an hourly basis, the cumulative total NO<sub>x</sub> mass emissions (as NO<sub>2</sub>) and the cumulative total CO mass emissions, for each calendar day for all CTGs and heat recovery steam generator (HRSG) duct burners operated at Roseville Energy Park.
  - d. For each calendar day, the average hourly heat input rates, corrected NO<sub>x</sub> and CO emission concentrations, and NO<sub>x</sub> and CO mass emission rates of the CTG.
  - e. For each calendar month, the cumulative total NO<sub>x</sub> mass emissions and cumulative total CO mass emissions, for each calendar quarter and the previous consecutive twelve-month period for all CTGs and HRSG duct burners operated at Roseville Energy Park.

27. Roseville Electric shall calculate and record on a daily basis, the volatile organic compound (VOC) mass emissions, fine particulate matter (PM<sub>10</sub>) mass emissions (including condensable particulate matter), and sulfur oxides (SO<sub>x</sub>) mass emissions (as SO<sub>2</sub>) from the CTG and all permitted CTGs and HRSG duct burners at Roseville Energy Park. Roseville Electric shall use the actual heat input rates measured pursuant to Condition 19, actual gas turbine start-up times, actual gas turbine shutdown times, and District-approved emission factors developed pursuant to source testing under Condition 40 to calculate these emissions. Roseville Electric shall present the calculated emissions in the following format:
  - a. For each calendar day, VOC, PM<sub>10</sub>, and SO<sub>x</sub> emissions, summarized for each CTG.
  - b. On a monthly basis, the cumulative total VOC, PM<sub>10</sub>, and SO<sub>x</sub> mass emissions, for each calendar quarter and calendar year for all CTGs and HRSG duct burners operated at Roseville Energy Park.
28. Roseville Electric shall ensure compliance with the continuous emission monitoring requirements of 40 CFR Part 60 and 40 CFR Part 75.
29. Roseville Electric shall submit all reports to the District (including, but not limited to quarterly CEM reports, excess emissions reports, equipment upset/breakdown reports, etc.) as required by District Rules and Regulations.
30. All records which are required to be maintained by this permit shall be maintained for a period of five years and shall be made readily available for District inspection upon request. Results of continuous emissions monitoring shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P. paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the CARB, and the U.S. EPA.
31. Roseville Electric shall notify the District of any violations of these permit conditions. Notification shall be submitted in a timely manner, in accordance with all applicable District Rules and Regulations. Notwithstanding the notification and reporting requirements given in any District Rule or Regulation Roseville Electric shall submit written notification (email or facsimile is acceptable) to the District within 96 hours of the violation of any permit condition.
32. The following records shall be kept: occurrence, duration, and type of any startup, shutdown, or malfunction; performance testing, evaluations, calibrations, checks, adjustments, any period during which a continuous monitoring system or monitoring device was inoperative, maintenance of any continuous emission monitor emission measurements, total daily and rolling twelve month average hours of operation, hourly quantity of fuel used, and gross three hour average operating load.
33. Roseville Electric shall notify the District of any breakdown condition as soon as reasonably possible, but no later than two District business hours after its detection.

34. The District shall be notified in writing within seven calendar days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations.
35. Calibration Gas Audits (CGAs) of the continuous emissions monitors shall be conducted quarterly, except during quarters in which relative accuracy and total accuracy testing is performed, in accordance with U.S. EPA guidelines. The District shall be notified prior to completion of the audits. Audit reports shall be submitted along with quarterly compliance reports to the District.
36. Roseville Electric shall comply with the applicable requirements for quality assurance testing and maintenance of the continuous emissions monitoring equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix F.
37. Roseville Electric shall submit a written report to the District for each calendar quarter, within 30 days of the end of the quarter, including: time intervals, data and magnitude of excess emissions, nature and cause of excess (if known), corrective actions taken and preventive measures adopted; averaging period used for data reporting shall correspond to the averaging period for each respective emission standard; applicable time and date of each period during which the CEM was inoperative (except for zero and span checks) and the nature of system repairs and adjustments; and a negative declaration when no excess emissions occurred.
38. Roseville Electric shall provide the District with a written emission statement showing actual emissions of VOCs and NO<sub>x</sub>. Pursuant to District Rule 503, Roseville Electric shall submit this emission statement on a form or in a format specified by the District. The statement shall contain the following information:
  - a. Actual emissions of VOCs and NO<sub>x</sub>, in tons per year, for the calendar year prior to the preparation of the emission statement; and
  - b. Information regarding seasonal or diurnal peaks in the emission of affected pollutants; and
  - c. Certification by a responsible official of Roseville Electric that the information contained in the emission statement is accurate to the best knowledge of the individual certifying the emission statement.
39. Roseville Electric shall maintain an Operating Compliance Plan for the new CTG which will assure that the air pollution control equipment will be properly maintained and that necessary operational procedures are in place to continuously achieve compliance with this permit. The Operating Compliance Plan shall include a description of the process monitoring program and devices to be used.
  - a. The plan shall specify the frequency of surveillance checks that will be made of process monitoring devices and indicators to determine continued operation within permit limits. A record or log of individual surveillance checks shall be kept to document performance of the surveillance.

- b. The plan shall include the frequency and methods of calibrating the process monitoring devices.
- c. The plan shall specify for each emission control device:
  - i. Operation and maintenance procedures that will demonstrate continuous operation of the emission control device during emission producing operations; and
  - ii. Records that must be kept to document the performance of required periodic maintenance procedures.
- d. The plan shall identify what records will be kept to comply with air pollution control requirements and regulations and the specific format of the records. These records shall include at least the Recordkeeping information required by this permit. The information must include emission monitoring evaluations, calibration checks and adjustments, and maintenance performed on such monitoring systems.
- e. The plan shall be submitted to the District no later than 30 days after startup of the CTG. The plan must be implemented upon approval by the District Air Pollution Control Officer.
- f. The plan shall be resubmitted to the District for approval upon any changes to compliance procedures described in the plan, or upon the request of the District.

### **PERFORMANCE TESTING**

- 40. On an annual basis, and within fourteen (14) months of the previous source test, Roseville Electric shall conduct District approved source testing on the CTG to determine compliance with the emission limitations specified in Conditions 44. The source tests shall determine concentrations and mass emissions of NO<sub>x</sub>, CO, VOC, and NH<sub>3</sub>. Fuel-based emission factors (lbs/MMBtu) for VOCs, SO<sub>x</sub> (as SO<sub>2</sub>) and PM<sub>10</sub> shall be established using the annual source test data. The source tests shall be performed while the CTG is operating at peak load firing conditions (100% load plus or minus 25%). The source tests shall include a minimum of three compliance runs, with a minimum run time of 30 minutes each.
- 41. Roseville Electric shall test for (as a minimum): water content, stack gas flow rate, oxygen concentration, NO<sub>x</sub> concentration and mass emissions (as NO<sub>2</sub>), CO concentration and mass emissions, VOC concentration and mass emissions, fuel sulfur content and from it, SO<sub>x</sub> mass emissions (as SO<sub>2</sub>), and total fine particulate matter emissions (PM<sub>10</sub>), including condensable particulate matter. All testing shall be performed using U.S. EPA approved test methods. Alternative test methods can be used with explicit approval of the District. Roseville Electric shall submit the source test results to the District within 60 days of conducting the tests.
- 42. Before the execution of the source tests, Roseville Electric shall submit to the District a source test protocol detailing the proposed scope and source test methods. The protocol shall be submitted to the District no later than thirty (30) days prior to the scheduled test

date. The District will notify Roseville Electric of any necessary modifications to the plan; otherwise, the plan shall be deemed approved. Roseville Electric shall incorporate the District comments into the test plan.

43. On an annual basis, Roseville Electric shall verify the accuracy of the CEMS by conducting a relative accuracy test audit (RATA). The RATA shall satisfy the applicable performance specification requirements in Appendix B of 40 CFR Part 60 as well as the quality assurance and quality control procedures of 40 CFR Part 75. Roseville Electric shall submit the RATA results to the District within 60 days of conducting the tests.

### **EMISSION LIMITATIONS**

44. Roseville Electric shall ensure that the CTG complies with emission limits established in (a) through (g) below. The limits in (a) through (e) do not apply during a gas turbine startup or shutdown, as defined in Condition 20.
  - a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTG shall not exceed 2.71 pounds per hour.
  - b. The NO<sub>x</sub> emission concentration at the exhaust of the CTG shall not exceed 2.5 ppmv, on a dry basis, corrected to 15% O<sub>2</sub>, averaged over any 1-hour period.
  - c. CO mass emissions at the exhaust of the CTG shall not exceed 2.64 pounds per hour.
  - d. The CO emission concentration at the exhaust of the CTG shall not exceed 4.0 ppmv, on a dry basis, corrected to 15% O<sub>2</sub> averaged over any rolling 3-hour period.
  - e. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTG shall not exceed 0.66 pounds per hour.
  - f. PM<sub>10</sub> mass emissions at the exhaust of the CTG shall not exceed 4.0 pounds per hour.
  - g. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTG shall not exceed 0.20 pounds per hour.
45. Roseville Electric shall ensure that the mass emissions at the exhaust of the CTG during startup and shutdown do not exceed the limits established below.
  - a. NO<sub>x</sub> (calculated as NO<sub>2</sub>)
    - i. 3.10 pounds per startup.
    - ii. 3.40 pounds per shutdown.
    - iii. 6.50 pounds during any hour with startup and/or shutdown.
  - b. CO
    - i. 19.40 pounds per startup.
    - ii. 21.60 pounds per shutdown.



- iii. 41.00 pounds during any hour with startup and/or shutdown.
  - c. VOC (calculated as CH<sub>4</sub>)
    - i. 0.80 pounds of VOC per startup.
    - ii. 0.90 pounds of VOC per shutdown.
    - iii. 1.70 pounds of VOC during any hour with startup and/or shutdown.
- 46. Roseville Electric shall ensure that the quarterly emissions from the CTG, including emissions generated during gas turbine startups, shutdowns, and malfunctions, do not exceed the limits established in (a) through (e) below. Compliance with mass emissions of VOCs, PM<sub>10</sub>, and SO<sub>x</sub> shall be demonstrated by using the heat input-based emission factors established in Condition 40 multiplied by the CTG's quarterly fuel consumption or heat input.
  - a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTG shall not exceed 802 pounds per quarter.
  - b. CO mass emissions at the exhaust of the CTG shall not exceed 2,168 pounds per quarter.
  - c. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTG shall not exceed 200 pounds per quarter.
  - d. PM<sub>10</sub> mass emissions at the exhaust of the CTG shall not exceed 844 pounds per quarter.
  - e. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTG shall not exceed 56 pounds per quarter.
- 47. Roseville Electric shall ensure that the annual emissions from the CTG, including emissions generated during gas turbine startups, shutdowns, and malfunctions, do not exceed the limits established in (a) through (e) below. Compliance with mass emissions of VOCs, PM<sub>10</sub>, and SO<sub>x</sub> shall be demonstrated by using the heat input-based emission factors established in Condition 40 multiplied by the CTG's annual fuel consumption or heat input.
  - a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTG shall not exceed 0.40 tons per year.
  - b. CO mass emissions at the exhaust of the CTG shall not exceed 1.08 tons per year.
  - c. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTG shall not exceed 0.10 tons per year.
  - d. PM<sub>10</sub> mass emissions at the exhaust of the CTG shall not exceed 0.42 tons per year.
  - e. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTG shall not exceed 0.03 tons per year.
- 48. Roseville Electric shall ensure that the quarterly emissions from all permitted stationary sources, including all four CTGs, all duct burners from the two HRSGs, and the water cooling towers, do not exceed the limits established in **Table 1** below. Compliance with

mass emissions of VOCs, PM<sub>10</sub>, and SO<sub>x</sub> shall be demonstrated by using the heat input-based emission factors established in Condition 40 multiplied by the applicable fuel consumption or heat input. (Basis: Offsets)

**Table 1 – Roseville Energy Park Quarterly and Annual Emission Limits**

Pollutant	Quarter 1 (lbs)	Quarter 2 (lbs)	Quarter 3 (lbs)	Quarter 4 (lbs)	Annual (tons/year)
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CO	27,121	33,872	28,515	30,202	59.86
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PM <sub>10</sub>	17,673	15,513	19,168	19,158	35.76
SO <sub>x</sub>	3,400	2,893	3,709	3,663	6.83

49. No emissions are permitted, from any source, which are a nuisance per District Rule 205, Nuisance.
50. Stack emission opacity as dark or darker than Ringelmann No. 1 (20% opacity) for period or periods aggregating more than three (3) minutes in any one hour is prohibited and is in violation of District Rule 202, Visible Emissions.
51. Particulate matter emissions shall not exceed 0.1 grains per cubic foot of gas calculated at 12 percent CO at standard conditions per District Rule 207, Particulate Matter.
52. Sulfur compound emissions calculated as SO<sub>2</sub> shall not exceed 0.2 percent by volume per District Rule 210, Specific Contaminants.
53. Ammonia emission concentrations at the exhaust of the CTG shall not exceed 10.0 ppmv, on a dry basis, corrected to 15% O<sub>2</sub>.
54. Compliance with the ammonia concentration limit in Condition 53 shall be demonstrated by using the following calculation procedure:

$$\text{Ammonia slip ppmv @ 15\% O}_2 = ((a-(b \times c / 1,000,000)) \times 1,000,000 / b) \times d.$$

where:

a = ammonia injection rate (lb/hr) / 17 (lb/lb.mol.),

b = dry exhaust gas flow rate (lb/hr) / 29 (lb/lb.mol.),

c = change in measured NO<sub>x</sub> concentration ppmv at 15% O<sub>2</sub> across catalyst,

d = correction factor

The correction factor shall be derived annually during compliance testing by comparing the measured and calculated ammonia slip.

55. The SCR system's catalyst shall be replaced, repaired, or otherwise reconditioned within 24 months of the ammonia slip exceeding 7.0 ppm @ 15% O<sub>2</sub>, as determined by an annual source test.

#### **TITLE V CONDITION**

56. Roseville Electric shall file a complete application for a Significant Modification to the existing Roseville Energy Park Title V permit pursuant to Rule 507, Federal Operating Permit Program, by no later than 12 months after commencing operation of the CTG.

#### **GENERAL CONDITIONS**

57. Authorization to construct the equipment listed and as prescribed in the approved plans and specifications is hereby granted, subject to the specified permit conditions. The construction and operation of listed equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted in the conditions. Deviation from the approved plans is not permissible without first securing approval for the changes from the District's Air Pollution Control Officer. (Rule 501)
58. This permit shall be maintained on the premises of the subject equipment. (Rule 501)
59. The authorized District agents shall have the right of entry to any premises on which an air pollution emission source is located for the purpose of inspecting such source, including securing samples of emissions therefrom, or any records required to be maintained therewith by the District. (Rule 402)
60. In the event of any violation of the District Rules and Regulations, Roseville Electric shall take action to end such violation. (Rule 502)
61. Roseville Electric shall notify the District within two hours of any upset conditions, breakdown or scheduled maintenance which cause emissions in excess of limits established by District Rules and Regulations. (Rule 404)
62. Any alteration of the subject equipment, including a change in the method of operation, shall be reported to the District. Such alterations may require an Authority to Construct Permit. (Rule 501)
63. Exceeding any of the limiting condition is prohibited without prior application for, and the subsequent granting of a permit modification pursuant to District Rule 501, General Permit Requirements, Section 400.
64. In the event of a change of ownership, an application must be submitted to the District. Upon any change in control or ownership of facilities constructed, operated, or modified

under authority of this permit, the requirements contained in this Authority to Construct shall be binding on all subsequent owners and operators. (Rule 501)

65. Compliance of the permitted facility is required with the provisions of the AB2588 "Air Toxics `Hot Spots' Information and Assessment Act" of 1987 (Health and Safety Code Sections 44300 et seq.).
66. Performance Test Requirements: If the District finds that additional performance tests are required to determine compliance with District Rules and Regulations and/or conditions of this Authority to Construct, reasonable written notice shall be provided to Roseville Electric. The performance tests shall be subject to the following restrictions (Rule 501):
  - a. At least thirty (30) days prior to the actual testing, a written test plan shall be submitted to the District detailing the sampling methods, analytical methods or detection principles to be used. The prior written approval of the District is required for the use of alternate test methods.
  - b. The District may require, upon reasonable written notice, the conduct by Roseville Electric of such emissions testing or analysis as may be deemed necessary by the District to demonstrate compliance with District Rules and/or state or federal regulations and the limiting conditions of this permit.
  - c. Testing shall be conducted in accordance with 40 CFR 60, Appendix A, Methods, or equivalent methods approved by the State of California Air Resources Board (CARB) by reference in Title 17 of the California Administrative Code, or other methods specified by Roseville Electric and approved in writing by the District. Independent testing contractors and analytical laboratories shall be CARB certified for the test or analysis conducted. Particulate matter testing, if requested, shall include both filterable and condensed particulate matter (e.g. Method 5 modified to include impinger catch).
  - d. A report of the testing shall be submitted to the District no later than sixty (60) days after the source test is performed.
67. The applicant/Permittee has an obligation to defend and indemnify the District against third party challenges in accordance with District Rule 411.



Placer County Air Pollution Control District  
 110 Maple Street  
 Auburn, California 95603  
 (530) 745-2330 - Fax (530) 745-2373

**Authority to Construct /  
 Temporary Permit to Operate**

**ISSUED TO:**  
 ROSEVILLE ENERGY PARK  
 5120 PHILLIP RD  
 ROSEVILLE, CA 95747

**PERMIT NUMBER:** AC-REPR-21D

**FACILITY LOCATION:**  
 ROSEVILLE ENERGY PARK  
 5120 PHILLIP RD  
 ROSEVILLE, CA 95747

**VALID FROM:**  
 09/13/2021 - 9/30/2022

*Erik C. White for*

Erik C. White  
 Air Pollution Control Officer

09/13/2021  
 Issue Date

**PROCESS DESCRIPTION:** COMBUSTION TURBINE GENERATOR #4

**EQUIPMENT**

No.	Equipment	Rating
1	Combustion Turbine Generator (CTG) #4, Manufacturer: General Electric, Model: TM2500-G4; Serial # [TBD], Natural Gas Fired, Simple Cycle with Single Annular Combustors with Water Injection, Heat Input Rating (HHV) 366.1 MMBtu/hr; Nominal MW Rating: 33.6 MW	366.1 MMBtu/hr
2	Selective Catalytic Reduction (SCR) with Integrated Ammonia Injection System, Manufacturer: [TBD], Serial Number: [TBD]	--
3	Carbon Monoxide (CO) Oxidation Catalyst, Manufacturer: [TBD], Serial Number: [TBD]	--
4	Continuous Emissions Monitoring System (CEMS)	--

**TOTAL RATINGS** – MMBtu/hr- 366.1.

## **CONDITIONS FOR COMMISSIONING**

1. The commissioning period commences when all mechanical and electrical systems are installed, or when a gas turbine is first fired, whichever comes first. The period ends when the plant has completed performance testing and is available for commercial operation.
2. Roseville Electric shall minimize emissions of carbon monoxide and nitrogen oxides from the CTG to the maximum extent possible during the commissioning period.
3. The CTG exhaust stack shall be designed and constructed such that it includes permanent provisions, consistent with the United States Environmental Protection Agency's (U.S. EPA) Method 1 design requirements, to allow the adequate collection of stack gas samples. Access ladders and/or stairs and platforms shall allow easy access to the sampling locations.
4. Roseville Electric shall submit design details for the SCR system, oxidation catalyst system, and continuous emissions monitoring system to the District at least 30 days prior to commencement of construction of these components.
5. At the earliest feasible time, in accordance with the recommendations of the equipment manufacturer and construction contractor, the selective catalytic reduction system and carbon monoxide catalyst air pollution control equipment shall be installed, adjusted and operated to minimize emissions of NO<sub>x</sub>, CO, and VOCs from the combustion turbine.
6. Roseville Electric shall submit a plan to the District prior to first firing the CTG describing the procedures to be followed during the commissioning of the gas turbine. The plan shall include a description of each commissioning activity, the anticipated duration of each activity in hours, and the purpose of the activity. The activities described shall include, but not be limited to, the initial tuning of the combustors, the installation and operation of the required emission control systems, the installation, calibration, and testing of the CO and NO<sub>x</sub> continuous emission monitors, and any activities requiring the firing of the CTG without abatement by their respective oxidation catalysts and/or SCR System.
7. During the commissioning period, Roseville Electric shall demonstrate compliance with Conditions 9, 10, and 11, through the use of properly operated and maintained continuous emission monitors and plant data monitoring recorders for the following parameters and emission concentrations:
  - a. firing hours
  - b. fuel flow rates
  - c. turbine water injection rates
  - d. stack gas nitrogen oxide emission concentrations,
  - e. stack gas carbon monoxide emission concentrations
  - f. stack gas oxygen concentrations.

The monitored parameters shall be recorded at least once every 15 minutes (excluding normal calibration periods or when the monitored source is not in operation) for the CTG. Roseville Electric shall use approved methods to calculate heat input rates, nitrogen dioxide mass emission rates, carbon monoxide mass emission rates, and NO<sub>x</sub> and CO

emission concentrations, summarized for each clock hour and each calendar day. Roseville Electric shall retain records on site for at least 5 years from the date of entry and make such records available to District personnel upon request.

8. Roseville Electric shall install, calibrate, and operate the District-approved continuous monitors specified in Condition 7 prior to first firing of the CTG. After first firing of the turbine, Roseville Electric shall adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NOx emission concentrations. The instruments shall operate at all times of operation of the CTG including start-up, shutdown, upset, and malfunction, except as allowed by District Rule 404, Upset Conditions, Breakdown or Scheduled Maintenance. If necessary to comply with this requirement, Roseville Electric shall install dual-span monitors. The type, specifications, and location of these monitors shall be subject to District review and approval.
9. The total number of firing hours of each gas turbine without abatement of NOx emissions by the SCR system and/or abatement of the CO emissions by the oxidation catalyst system shall not exceed 160 hours during the commissioning period. Such operation shall only be limited to such discrete commissioning activities that can only be properly executed without the air pollution control equipment. Upon completion of these activities, Roseville Electric shall provide written notice to the District and the unused balance of the 160 firing hours without abatement shall expire. The total operating days during commissioning shall not exceed 21 calendar days.
10. The total mass emissions of each regulated pollutant that are emitted by the CTG during the commissioning period shall accrue towards the quarterly emission limits specified in Condition 48.
11. Within 60 days after start-up, Roseville Electric shall conduct District approved source tests on the CTG to determine compliance with the emission limitations specified in Condition 44. The source tests shall determine NOx, CO, and VOC emissions during peak load firing conditions (100% load plus or minus 25%). The source test shall include a minimum of three compliance runs, with a minimum run time of 30 minutes. Before the execution of the source tests, Roseville Electric shall submit to the District a detailed source test plan designed to satisfy the requirements of this Part. The District will notify Roseville Electric of any necessary modifications to the plan; otherwise, the plan shall be deemed approved. Roseville Electric shall incorporate the District comments into the test plan. Roseville Electric shall notify the District prior to the planned source testing date. Roseville Electric shall submit the source test results for the CTG to the District within 60 days of the source testing date.

## OPERATING CONDITIONS

12. Roseville Electric shall fire the CTG exclusively on pipeline-quality natural gas with a maximum sulfur content of 0.5 grains per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of the CTG shall possess a current, valid purchase contract, tariff sheet, or transportation contract for the fuel, specifying the total sulfur content. PG&E monthly sulfur data may be used provided that such data can be demonstrated to be representative of the gas delivered to Roseville Energy Park. Alternatively, the operator may choose to sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas.
13. Roseville Electric shall not operate the unit such that the heat input rate to the CTG exceeds 366.1 MMBtu (HHV) per hour.
14. Roseville Electric shall not operate the unit such that the heat input rate to the CTG exceeds 73,220 MMBtu (HHV) per calendar quarter.
15. Roseville Electric shall not operate the unit such that the heat input rate to the CTG exceeds 73,220 MMBtu (HHV) per calendar year
16. Roseville Electric shall not operate the CTG such that the hours of operation exceed 200 hours per calendar quarter.
17. Roseville Electric shall not operate the CTG such that the hours of operation exceed 200 hours per year.
18. Roseville Electric shall ensure that the CTG is abated by the properly operated and properly maintained SCR system and oxidation catalyst system whenever fuel is combusted at the source and that the corresponding SCR catalyst bed has reached its minimum operating temperature.
19. Roseville Electric shall install, maintain, and operate continuous plant monitors and a continuous emissions monitoring system (CEMS) during all hours of operation, including gas turbine startup and shutdown periods. The following parameters shall be monitored under this section:
  - a. Firing hours, turbine water injection rates, and fuel flow rates for the CTG
  - b. Oxygen concentration, nitrogen oxides concentration, and carbon monoxide concentration at the exhaust point of the CTG
  - c. Ammonia (NH<sub>3</sub>) injection rate at the SCR system

Roseville Electric shall record the above parameters at least every 15 minutes (excluding normal calibration periods) and shall summarize all of the above parameters for each clock hour. Roseville Electric shall use the parameters measured above and District approved calculation methods to calculate the following CTG parameters

- d. Heat input rate
- e. The concentration of NO<sub>x</sub> and CO, corrected to 15% O<sub>2</sub> (corrected), and the mass emission rates of NO<sub>x</sub> and CO for the CTG



20. Startup is defined as the period beginning with turbine light-off (firing) until the CTG meets the concentration and mass emission limits in Condition 44. Shutdown is defined as the period beginning with initiation of the CTG shutdown sequence and ending with cessation of firing of the gas turbine engine or fuel shutoff. Startup and shutdown durations shall not exceed 30 minutes and 15 minutes, respectively, per occurrence.
21. Roseville Electric shall limit the total CTG startup events to no more than 4 startups per day, 40 startups per calendar quarter, and 40 startups per calendar year.
22. Roseville Electric shall limit the total CTG shutdown events to no more than 4 shutdowns per day, 40 shutdowns per calendar quarter, and 40 shutdowns per calendar year.
23. Roseville Electric shall ensure that Roseville Energy Park complies with the requirements to hold SO<sub>2</sub> allowances in 40 CFR 72.9(c)(1).

### **REPORTING AND RECORDKEEPING**

24. Roseville Electric shall notify the District within 24 hours of operating the CTG for any reason, including, but not limited to: commissioning activities, maintenance and testing/tuning activities, emissions testing activities, operation of the turbine for the production of electrical power, etc.
25. Roseville Electric shall submit a CEMS QA/QC plan to the District for approval. Approval should also be required for any future changes to the plan.
26. For each calendar day, Roseville Electric shall calculate and record the total firing hours, the average hourly fuel flow rates, turbine water injection rates, CTG power production rates, and regulated pollutant concentration and emission rates. The data should be recorded as specified below:
  - a. Heat input rate for every clock hour and the average hourly heat input rate for every rolling 3-hour period
  - b. The average NO<sub>x</sub> mass emission rate (as NO<sub>2</sub>), CO mass emission rate, and corrected NO<sub>x</sub> and CO emission concentrations, for every clock hour.
  - c. On an hourly basis, the cumulative total NO<sub>x</sub> mass emissions (as NO<sub>2</sub>) and the cumulative total CO mass emissions, for each calendar day for all CTGs and heat recovery steam generator (HRSG) duct burners operated at Roseville Energy Park.
  - d. For each calendar day, the average hourly heat input rates, corrected NO<sub>x</sub> and CO emission concentrations, and NO<sub>x</sub> and CO mass emission rates of the CTG.
  - e. For each calendar month, the cumulative total NO<sub>x</sub> mass emissions and cumulative total CO mass emissions, for each calendar quarter and the previous consecutive twelve-month period for all CTGs and HRSG duct burners operated at Roseville Energy Park.

27. Roseville Electric shall calculate and record on a daily basis, the volatile organic compound (VOC) mass emissions, fine particulate matter (PM<sub>10</sub>) mass emissions (including condensable particulate matter), and sulfur oxides (SO<sub>x</sub>) mass emissions (as SO<sub>2</sub>) from the CTG and all permitted CTGs and HRSG duct burners at Roseville Energy Park. Roseville Electric shall use the actual heat input rates measured pursuant to Condition 19, actual gas turbine start-up times, actual gas turbine shutdown times, and District-approved emission factors developed pursuant to source testing under Condition 40 to calculate these emissions. Roseville Electric shall present the calculated emissions in the following format:
  - a. For each calendar day, VOC, PM<sub>10</sub>, and SO<sub>x</sub> emissions, summarized for each CTG.
  - b. On a monthly basis, the cumulative total VOC, PM<sub>10</sub>, and SO<sub>x</sub> mass emissions, for each calendar quarter and calendar year for all CTGs and HRSG duct burners operated at Roseville Energy Park.
28. Roseville Electric shall ensure compliance with the continuous emission monitoring requirements of 40 CFR Part 60 and 40 CFR Part 75.
29. Roseville Electric shall submit all reports to the District (including, but not limited to quarterly CEM reports, excess emissions reports, equipment upset/breakdown reports, etc.) as required by District Rules and Regulations.
30. All records which are required to be maintained by this permit shall be maintained for a period of five years and shall be made readily available for District inspection upon request. Results of continuous emissions monitoring shall be reduced according to the procedure established in 40 CFR, Part 51, Appendix P. paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the CARB, and the U.S. EPA.
31. Roseville Electric shall notify the District of any violations of these permit conditions. Notification shall be submitted in a timely manner, in accordance with all applicable District Rules and Regulations. Notwithstanding the notification and reporting requirements given in any District Rule or Regulation Roseville Electric shall submit written notification (email or facsimile is acceptable) to the District within 96 hours of the violation of any permit condition.
32. The following records shall be kept: occurrence, duration, and type of any startup, shutdown, or malfunction; performance testing, evaluations, calibrations, checks, adjustments, any period during which a continuous monitoring system or monitoring device was inoperative, maintenance of any continuous emission monitor emission measurements, total daily and rolling twelve month average hours of operation, hourly quantity of fuel used, and gross three hour average operating load.
33. Roseville Electric shall notify the District of any breakdown condition as soon as reasonably possible, but no later than two District business hours after its detection.

34. The District shall be notified in writing within seven calendar days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations.
35. Calibration Gas Audits (CGAs) of the continuous emissions monitors shall be conducted quarterly, except during quarters in which relative accuracy and total accuracy testing is performed, in accordance with U.S. EPA guidelines. The District shall be notified prior to completion of the audits. Audit reports shall be submitted along with quarterly compliance reports to the District.
36. Roseville Electric shall comply with the applicable requirements for quality assurance testing and maintenance of the continuous emissions monitoring equipment in accordance with the procedures and guidance specified in 40 CFR Part 60, Appendix F.
37. Roseville Electric shall submit a written report to the District for each calendar quarter, within 30 days of the end of the quarter, including: time intervals, data and magnitude of excess emissions, nature and cause of excess (if known), corrective actions taken and preventive measures adopted; averaging period used for data reporting shall correspond to the averaging period for each respective emission standard; applicable time and date of each period during which the CEM was inoperative (except for zero and span checks) and the nature of system repairs and adjustments; and a negative declaration when no excess emissions occurred.
38. Roseville Electric shall provide the District with a written emission statement showing actual emissions of VOCs and NOx. Pursuant to District Rule 503, Roseville Electric shall submit this emission statement on a form or in a format specified by the District. The statement shall contain the following information:
  - a. Actual emissions of VOCs and NOx, in tons per year, for the calendar year prior to the preparation of the emission statement; and
  - b. Information regarding seasonal or diurnal peaks in the emission of affected pollutants; and
  - c. Certification by a responsible official of Roseville Electric that the information contained in the emission statement is accurate to the best knowledge of the individual certifying the emission statement.
39. Roseville Electric shall maintain an Operating Compliance Plan for the new CTG which will assure that the air pollution control equipment will be properly maintained and that necessary operational procedures are in place to continuously achieve compliance with this permit. The Operating Compliance Plan shall include a description of the process monitoring program and devices to be used.
  - a. The plan shall specify the frequency of surveillance checks that will be made of process monitoring devices and indicators to determine continued operation within permit limits. A record or log of individual surveillance checks shall be kept to document performance of the surveillance.

- b. The plan shall include the frequency and methods of calibrating the process monitoring devices.
- c. The plan shall specify for each emission control device:
  - i. Operation and maintenance procedures that will demonstrate continuous operation of the emission control device during emission producing operations; and
  - ii. Records that must be kept to document the performance of required periodic maintenance procedures.
- d. The plan shall identify what records will be kept to comply with air pollution control requirements and regulations and the specific format of the records. These records shall include at least the Recordkeeping information required by this permit. The information must include emission monitoring evaluations, calibration checks and adjustments, and maintenance performed on such monitoring systems.
- e. The plan shall be submitted to the District no later than 30 days after startup of the CTG. The plan must be implemented upon approval by the District Air Pollution Control Officer.
- f. The plan shall be resubmitted to the District for approval upon any changes to compliance procedures described in the plan, or upon the request of the District.

### **PERFORMANCE TESTING**

- 40. On an annual basis, and within fourteen (14) months of the previous source test, Roseville Electric shall conduct District approved source testing on the CTG to determine compliance with the emission limitations specified in Conditions 44. The source tests shall determine concentrations and mass emissions of NO<sub>x</sub>, CO, VOC, and NH<sub>3</sub>. Fuel-based emission factors (lbs/MMBtu) for VOCs, SO<sub>x</sub> (as SO<sub>2</sub>) and PM<sub>10</sub> shall be established using the annual source test data. The source tests shall be performed while the CTG is operating at peak load firing conditions (100% load plus or minus 25%). The source tests shall include a minimum of three compliance runs, with a minimum run time of 30 minutes each.
- 41. Roseville Electric shall test for (as a minimum): water content, stack gas flow rate, oxygen concentration, NO<sub>x</sub> concentration and mass emissions (as NO<sub>2</sub>), CO concentration and mass emissions, VOC concentration and mass emissions, fuel sulfur content and from it, SO<sub>x</sub> mass emissions (as SO<sub>2</sub>), and total fine particulate matter emissions (PM<sub>10</sub>), including condensable particulate matter. All testing shall be performed using U.S. EPA approved test methods. Alternative test methods can be used with explicit approval of the District. Roseville Electric shall submit the source test results to the District within 60 days of conducting the tests.
- 42. Before the execution of the source tests, Roseville Electric shall submit to the District a source test protocol detailing the proposed scope and source test methods. The protocol shall be submitted to the District no later than thirty (30) days prior to the scheduled test

date. The District will notify Roseville Electric of any necessary modifications to the plan; otherwise, the plan shall be deemed approved. Roseville Electric shall incorporate the District comments into the test plan.

43. On an annual basis, Roseville Electric shall verify the accuracy of the CEMS by conducting a relative accuracy test audit (RATA). The RATA shall satisfy the applicable performance specification requirements in Appendix B of 40 CFR Part 60 as well as the quality assurance and quality control procedures of 40 CFR Part 75. Roseville Electric shall submit the RATA results to the District within 60 days of conducting the tests.

### **EMISSION LIMITATIONS**

44. Roseville Electric shall ensure that the CTG complies with emission limits established in (a) through (g) below. The limits in (a) through (e) do not apply during a gas turbine startup or shutdown, as defined in Condition 20.
  - a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTG shall not exceed 2.71 pounds per hour.
  - b. The NO<sub>x</sub> emission concentration at the exhaust of the CTG shall not exceed 2.5 ppmv, on a dry basis, corrected to 15% O<sub>2</sub>, averaged over any 1-hour period.
  - c. CO mass emissions at the exhaust of the CTG shall not exceed 2.64 pounds per hour.
  - d. The CO emission concentration at the exhaust of the CTG shall not exceed 4.0 ppmv, on a dry basis, corrected to 15% O<sub>2</sub> averaged over any rolling 3-hour period.
  - e. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTG shall not exceed 0.66 pounds per hour.
  - f. PM<sub>10</sub> mass emissions at the exhaust of the CTG shall not exceed 4.0 pounds per hour.
  - g. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTG shall not exceed 0.20 pounds per hour.
45. Roseville Electric shall ensure that the mass emissions at the exhaust of the CTG during startup and shutdown do not exceed the limits established below.
  - a. NO<sub>x</sub> (calculated as NO<sub>2</sub>)
    - i. 3.10 pounds per startup.
    - ii. 3.40 pounds per shutdown.
    - iii. 6.50 pounds during any hour with startup and/or shutdown.
  - b. CO
    - i. 19.40 pounds per startup.
    - ii. 21.60 pounds per shutdown.

- iii. 41.00 pounds during any hour with startup and/or shutdown.
  - c. VOC (calculated as CH<sub>4</sub>)
    - i. 0.80 pounds of VOC per startup.
    - ii. 0.90 pounds of VOC per shutdown.
    - iii. 1.70 pounds of VOC during any hour with startup and/or shutdown.
- 46. Roseville Electric shall ensure that the quarterly emissions from the CTG, including emissions generated during gas turbine startups, shutdowns, and malfunctions, do not exceed the limits established in (a) through (e) below. Compliance with mass emissions of VOCs, PM<sub>10</sub>, and SO<sub>x</sub> shall be demonstrated by using the heat input-based emission factors established in Condition 40 multiplied by the CTG's quarterly fuel consumption or heat input.
  - a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTG shall not exceed 802 pounds per quarter.
  - b. CO mass emissions at the exhaust of the CTG shall not exceed 2,168 pounds per quarter.
  - c. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTG shall not exceed 200 pounds per quarter.
  - d. PM<sub>10</sub> mass emissions at the exhaust of the CTG shall not exceed 844 pounds per quarter.
  - e. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTG shall not exceed 56 pounds per quarter.
- 47. Roseville Electric shall ensure that the annual emissions from the CTG, including emissions generated during gas turbine startups, shutdowns, and malfunctions, do not exceed the limits established in (a) through (e) below. Compliance with mass emissions of VOCs, PM<sub>10</sub>, and SO<sub>x</sub> shall be demonstrated by using the heat input-based emission factors established in Condition 40 multiplied by the CTG's annual fuel consumption or heat input.
  - a. NO<sub>x</sub> mass emissions (calculated as NO<sub>2</sub>) at the exhaust of the CTG shall not exceed 0.40 tons per year.
  - b. CO mass emissions at the exhaust of the CTG shall not exceed 1.08 tons per year.
  - c. VOC mass emissions (calculated as CH<sub>4</sub>) at the exhaust of the CTG shall not exceed 0.10 tons per year.
  - d. PM<sub>10</sub> mass emissions at the exhaust of the CTG shall not exceed 0.42 tons per year.
  - e. SO<sub>x</sub> mass emissions (calculated as SO<sub>2</sub>) at the exhaust of the CTG shall not exceed 0.03 tons per year.
- 48. Roseville Electric shall ensure that the quarterly emissions from all permitted stationary sources, including all four CTGs, all duct burners from the two HRSGs, and the water cooling towers, do not exceed the limits established in **Table 1** below. Compliance with

mass emissions of VOCs, PM<sub>10</sub>, and SO<sub>x</sub> shall be demonstrated by using the heat input-based emission factors established in Condition 40 multiplied by the applicable fuel consumption or heat input. (Basis: Offsets)

**Table 1 – Roseville Energy Park Quarterly and Annual Emission Limits**

Pollutant	Quarter 1 (lbs)	Quarter 2 (lbs)	Quarter 3 (lbs)	Quarter 4 (lbs)	Annual (tons/year)
NO <sub>x</sub>	15,546	13,412	17,646	15,572	31.09
CO	27,121	33,872	28,515	30,202	59.86
VOCs	5,832	7,455	6,672	6,890	13.42
PM <sub>10</sub>	17,673	15,513	19,168	19,158	35.76
SO <sub>x</sub>	3,400	2,893	3,709	3,663	6.83

49. No emissions are permitted, from any source, which are a nuisance per District Rule 205, Nuisance.
50. Stack emission opacity as dark or darker than Ringelmann No. 1 (20% opacity) for period or periods aggregating more than three (3) minutes in any one hour is prohibited and is in violation of District Rule 202, Visible Emissions.
51. Particulate matter emissions shall not exceed 0.1 grains per cubic foot of gas calculated at 12 percent CO at standard conditions per District Rule 207, Particulate Matter.
52. Sulfur compound emissions calculated as SO<sub>2</sub> shall not exceed 0.2 percent by volume per District Rule 210, Specific Contaminants.
53. Ammonia emission concentrations at the exhaust of the CTG shall not exceed 10.0 ppmv, on a dry basis, corrected to 15% O<sub>2</sub>.
54. Compliance with the ammonia concentration limit in Condition 53 shall be demonstrated by using the following calculation procedure:

$$\text{Ammonia slip ppmv @ 15\% O}_2 = ((a-(b \times c / 1,000,000)) \times 1,000,000 / b) \times d.$$

where:

a = ammonia injection rate (lb/hr) / 17 (lb/lb.mol.),

b = dry exhaust gas flow rate (lb/hr) / 29 (lb/lb.mol.),

c = change in measured NO<sub>x</sub> concentration ppmv at 15% O<sub>2</sub> across catalyst,

d = correction factor

The correction factor shall be derived annually during compliance testing by comparing the measured and calculated ammonia slip.

55. The SCR system's catalyst shall be replaced, repaired, or otherwise reconditioned within 24 months of the ammonia slip exceeding 7.0 ppm @ 15% O<sub>2</sub>, as determined by an annual source test.

#### **TITLE V CONDITION**

56. Roseville Electric shall file a complete application for a Significant Modification to the existing Roseville Energy Park Title V permit pursuant to Rule 507, Federal Operating Permit Program, by no later than 12 months after commencing operation of the CTG.

#### **GENERAL CONDITIONS**

57. Authorization to construct the equipment listed and as prescribed in the approved plans and specifications is hereby granted, subject to the specified permit conditions. The construction and operation of listed equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted in the conditions. Deviation from the approved plans is not permissible without first securing approval for the changes from the District's Air Pollution Control Officer. (Rule 501)
58. This permit shall be maintained on the premises of the subject equipment. (Rule 501)
59. The authorized District agents shall have the right of entry to any premises on which an air pollution emission source is located for the purpose of inspecting such source, including securing samples of emissions therefrom, or any records required to be maintained therewith by the District. (Rule 402)
60. In the event of any violation of the District Rules and Regulations, Roseville Electric shall take action to end such violation. (Rule 502)
61. Roseville Electric shall notify the District within two hours of any upset conditions, breakdown or scheduled maintenance which cause emissions in excess of limits established by District Rules and Regulations. (Rule 404)
62. Any alteration of the subject equipment, including a change in the method of operation, shall be reported to the District. Such alterations may require an Authority to Construct Permit. (Rule 501)
63. Exceeding any of the limiting condition is prohibited without prior application for, and the subsequent granting of a permit modification pursuant to District Rule 501, General Permit Requirements, Section 400.
64. In the event of a change of ownership, an application must be submitted to the District. Upon any change in control or ownership of facilities constructed, operated, or modified



under authority of this permit, the requirements contained in this Authority to Construct shall be binding on all subsequent owners and operators. (Rule 501)

65. Compliance of the permitted facility is required with the provisions of the AB2588 "Air Toxics `Hot Spots' Information and Assessment Act" of 1987 (Health and Safety Code Sections 44300 et seq.).
66. Performance Test Requirements: If the District finds that additional performance tests are required to determine compliance with District Rules and Regulations and/or conditions of this Authority to Construct, reasonable written notice shall be provided to Roseville Electric. The performance tests shall be subject to the following restrictions (Rule 501):
  - a. At least thirty (30) days prior to the actual testing, a written test plan shall be submitted to the District detailing the sampling methods, analytical methods or detection principles to be used. The prior written approval of the District is required for the use of alternate test methods.
  - b. The District may require, upon reasonable written notice, the conduct by Roseville Electric of such emissions testing or analysis as may be deemed necessary by the District to demonstrate compliance with District Rules and/or state or federal regulations and the limiting conditions of this permit.
  - c. Testing shall be conducted in accordance with 40 CFR 60, Appendix A, Methods, or equivalent methods approved by the State of California Air Resources Board (CARB) by reference in Title 17 of the California Administrative Code, or other methods specified by Roseville Electric and approved in writing by the District. Independent testing contractors and analytical laboratories shall be CARB certified for the test or analysis conducted. Particulate matter testing, if requested, shall include both filterable and condensed particulate matter (e.g. Method 5 modified to include impinger catch).
  - d. A report of the testing shall be submitted to the District no later than sixty (60) days after the source test is performed.
67. The applicant/Permittee has an obligation to defend and indemnify the District against third party challenges in accordance with District Rule 411.

<b>CT 5 and CT6 Run Times (based on breaker opening/closing)</b>					
	CT5 Close	CT5 Open	Total (HH:MM)	Total (hours)	
9/15/2021	--	--	0	0.00	
9/15/2021	23:13	0:00	0:47	0.78	
9/16/2021	0:00	1:16	1:16	1.27	
9/16/2021	15:36	15:57	0:21	0.35	
9/17/2021	3:53	6:28	2:35	2.58	
9/17/2021	13:48	14:19	0:31	0.52	
9/17/2021	14:32	15:58	1:26	1.43	
9/18/2021	3:24	12:11	8:47	8.78	
9/19/2021	5:53	15:35	9:42	9.70	
9/20/2021	2:57	9:09	6:12	6.20	
9/21/2021	7:55	15:56	8:01	8.02	
9/22/2021	--	--	0	0.00	
			<b>39:38:00</b>	<b>39.63</b>	
Starts			9		
Shutdowns			9		

	CT6 Close	CT6 Open	Total (HH:MM)	Total (hours)	
9/15/2021	--	--	0	0.00	
9/16/2021	15:06	15:34	0:28	0.47	
9/17/2021	3:00	3:33	0:33	0.55	
9/17/2021	3:53	4:34	0:41	0.68	
9/17/2021	4:51	5:01	0:10	0.17	
9/17/2021	14:10	14:59	0:49	0.82	
9/20/2021	9:12	10:52	1:40	1.67	
9/22/2021	7:58	15:06	7:08	7.13	
			<b>11:29:00</b>	<b>11.48</b>	
Starts			7		
Shutdowns			7		

	CO	NOx	PM10	SOx	VOC	
lbs/hr		33.20	26.70	4.00	0.20	2.30
lbs/start		19.40	3.10	0.50	0.10	0.80
lbs/stop		21.60	3.40	0.60	0.30	0.90

	CO	NOx	PM10	SOx	VOC
CO	0.00	0.00	0.00	0.00	0.00
NOx	26.01	20.92	3.13	0.16	1.80
PM10	42.05	33.82	5.07	0.25	2.91
SOx	11.62	9.34	1.40	0.07	0.80
VOC	85.77	68.98	10.33	0.52	5.94
Run Time lbs	17.15	13.80	2.07	0.10	1.19
SU lbs	47.59	38.27	5.73	0.29	3.30
SD lbs	291.61	234.52	35.13	1.76	20.20
	322.04	258.99	38.80	1.94	22.31
	205.84	165.54	24.80	1.24	14.26
	266.15	214.05	32.07	1.60	18.44
	0.00	0.00	0.00	0.00	0.00
	<b>1,316</b>	<b>1,058</b>	<b>159</b>	<b>8</b>	<b>91</b>
	174.60	27.90	4.50	0.90	7.20
	194.40	30.60	5.40	2.70	8.10
	<b>369</b>	<b>59</b>	<b>10</b>	<b>4</b>	<b>15</b>

CT5 total lbs	<b>1,685</b>	<b>1,117</b>	<b>168</b>	<b>12</b>	<b>106</b>
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CT5 total tons	<b>0.84</b>	<b>0.56</b>	<b>0.08</b>	<b>0.01</b>	<b>0.05</b>
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	CO	NOx	PM10	SOx	VOC
CO	0.00	0.00	0.00	0.00	0.00
NOx	15.49	12.46	1.87	0.09	1.07
PM10	18.26	14.69	2.20	0.11	1.27
SOx	22.69	18.25	2.73	0.14	1.57
VOC	5.53	4.45	0.67	0.03	0.38
Run Time lbs	27.11	21.81	3.27	0.16	1.88
SU lbs	55.33	44.50	6.67	0.33	3.83
SD lbs	236.83	190.46	28.53	1.43	16.41
	<b>381</b>	<b>307</b>	<b>46</b>	<b>2</b>	<b>26</b>
	135.80	21.70	3.50	0.70	5.60
	151.20	23.80	4.20	2.10	6.30
	<b>287</b>	<b>46</b>	<b>8</b>	<b>3</b>	<b>12</b>

CT6 total lbs	<b>668</b>	<b>352</b>	<b>54</b>	<b>5</b>	<b>38</b>
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CT6 total tons	<b>0.33</b>	<b>0.18</b>	<b>0.03</b>	<b>0.00</b>	<b>0.02</b>
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<b>CT 5 and CT6 Run Times (DWR Inspector Observed)</b>				
CT5 Start	CT5 Stop	Total (HH:MM)	Total (hours)	
9/15/2021	12:00	13:30	1:30	1.50
9/15/2021	21:15	0:00	2:45	2.75
9/16/2021	0:00	2:00	2:00	2.00
9/16/2021	15:30	15:45	0:15	0.25
9/17/2021			0:00	0.00
9/17/2021	13:45	16:00	2:15	2.25
9/17/2021				
9/18/2021	6:00	12:30	6:30	6.50
9/19/2021	6:00	15:30	9:30	9.50
9/20/2021	3:15	10:30	7:15	7.25
9/21/2021	8:30	15:30	7:00	7.00
9/22/2021	7:00	7:15	0:15	0.25
			<b>39:15:00</b>	<b>39.25</b>
Starts			9	
Shutdowns			9	

CT6 Start	CT6 Stop	Total (HH:MM)	Total (hours)	
9/15/2021	14:30	16:00	1:30	1.50
9/16/2021	15:00	15:30	0:30	0.50
9/17/2021			0:00	0.00
9/17/2021			0:00	0.00
9/17/2021			0:00	0.00
9/17/2021	14:00	16:00	2:00	2.00
9/20/2021	10:30	11:00	0:30	0.50
9/22/2021	7:30	15:00	7:30	7.50
			<b>12:00:00</b>	<b>12.00</b>
Starts			5	
Shutdowns			5	

	CO	NOx	PM10	SOx	VOC	
lbs/hr		33.20	26.70	4.00	0.20	2.30
lbs/start		19.40	3.10	0.50	0.10	0.80
lbs/stop		21.60	3.40	0.60	0.30	0.90

	CO	NOx	PM10	SOx	VOC	
CO	49.80	40.05	6.00	0.30	3.45	
NOx	91.30	73.42	11.00	0.55	6.32	
PM10	66.40	53.40	8.00	0.40	4.60	
SOx	8.30	6.67	1.00	0.05	0.57	
VOC	0.00	0.00	0.00	0.00	0.00	
	74.70	60.08	9.00	0.45	5.18	
	0.00	0.00	0.00	0.00	0.00	
	215.80	173.55	26.00	1.30	14.95	
	315.40	253.65	38.00	1.90	21.85	
	240.70	193.58	29.00	1.45	16.68	
	232.40	186.90	28.00	1.40	16.10	
	8.30	6.67	1.00	0.05	0.57	
Run Time lbs	<b>1,303</b>	<b>1,048</b>	<b>157</b>	<b>8</b>	<b>90</b>	
SU lbs	174.60	27.90	4.50	0.90	7.20	
SD lbs	194.40	30.60	5.40	2.70	8.10	
	<b>369</b>	<b>59</b>	<b>10</b>	<b>4</b>	<b>15</b>	

CT5 total lbs	<b>1,672</b>	<b>1,106</b>	<b>167</b>	<b>11</b>	<b>106</b>
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CT5 total tons	<b>0.84</b>	<b>0.55</b>	<b>0.08</b>	<b>0.01</b>	<b>0.05</b>
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	CO	NOx	PM10	SOx	VOC	
CO	49.80	40.05	6.00	0.30	3.45	
NOx	16.60	13.35	2.00	0.10	1.15	
PM10	0.00	0.00	0.00	0.00	0.00	
SOx	0.00	0.00	0.00	0.00	0.00	
VOC	0.00	0.00	0.00	0.00	0.00	
	66.40	53.40	8.00	0.40	4.60	
	16.60	13.35	2.00	0.10	1.15	
	249.00	200.25	30.00	1.50	17.25	
Run Time lbs	<b>398</b>	<b>320</b>	<b>48</b>	<b>2</b>	<b>28</b>	
SU lbs	97.00	15.50	2.50	0.50	4.00	
SD lbs	108.00	17.00	3.00	1.50	4.50	
	<b>205</b>	<b>33</b>	<b>6</b>	<b>2</b>	<b>9</b>	

CT6 total lbs	<b>603</b>	<b>353</b>	<b>54</b>	<b>4</b>	<b>36</b>
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CT6 total tons	<b>0.30</b>	<b>0.18</b>	<b>0.03</b>	<b>0.00</b>	<b>0.02</b>
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CT5 = North Unit  
 CT6 = South Unit

CT 5 and CT6 Run Times (based on breaker opening/closing)				
	CT5 Close	CT5 Open	Total (HH:MM)	Total (hours)
9/15/2021	--	--	0	0.00
9/15/2021	23:13	0:00	0:47	0.78
9/16/2021	0:00	1:16	1:16	1.27
9/16/2021	15:36	15:57	0:21	0.35
9/17/2021	3:53	6:28	2:35	2.58
9/17/2021	13:48	14:19	0:31	0.52
9/17/2021	14:32	15:58	1:26	1.43
9/18/2021	3:24	12:11	8:47	8.78
9/19/2021	5:53	15:35	9:42	9.70
9/20/2021	2:57	9:09	6:12	6.20
9/21/2021	7:55	15:56	8:01	8.02
9/22/2021	--	--	0	0.00
			<b>39:38:00</b>	<b>39.63</b>
Starts			9	
Shutdowns			9	
	CT6 Close	CT6 Open	Total (HH:MM)	Total (hours)
9/15/2021	--	--	0	0.00
9/16/2021	15:06	15:34	0:28	0.47
9/17/2021	3:00	3:33	0:33	0.55
9/17/2021	3:53	4:34	0:41	0.68
9/17/2021	4:51	5:01	0:10	0.17
9/17/2021	14:10	14:59	0:49	0.82
9/20/2021	9:12	10:52	1:40	1.67
9/22/2021	7:58	15:06	7:08	7.13
			<b>11:29:00</b>	<b>11.48</b>
Starts			7	
Shutdowns			7	

CT 5 and CT6 Run Times (DWR Inspector Observed)				
	CT5 Start	CT5 Stop	Total (HH:MM)	Total (hours)
9/15/2021	12:00	13:30	1:30	1.50
9/15/2021	21:15	0:00	2:45	2.75
9/16/2021	0:00	2:00	2:00	2.00
9/16/2021	15:30	15:45	0:15	0.25
9/17/2021			0:00	0.00
9/17/2021	13:45	16:00	2:15	2.25
9/17/2021				
9/18/2021	6:00	12:30	6:30	6.50
9/19/2021	6:00	15:30	9:30	9.50
9/20/2021	3:15	10:30	7:15	7.25
9/21/2021	8:30	15:30	7:00	7.00
9/22/2021	7:00	7:15	0:15	0.25
			<b>39:15:00</b>	<b>39.25</b>
Starts			9	
Shutdowns			9	
	CT6 Start	CT6 Stop	Total (HH:MM)	Total (hours)
9/15/2021	14:30	16:00	1:30	1.50
9/16/2021	15:00	15:30	0:30	0.50
9/17/2021			0:00	0.00
9/17/2021			0:00	0.00
9/17/2021			0:00	0.00
9/17/2021	14:00	16:00	2:00	2.00
9/20/2021	10:30	11:00	0:30	0.50
9/22/2021	7:30	15:00	7:30	7.50
			<b>12:00:00</b>	<b>12.00</b>
Starts			5	
Shutdowns			5	

Notes:

CT run time appears to be cut short compared to the breaker opening time  
 Appears to be missing a run time data set from ~3:45 to ~6:45

This missing line is ok as it appears that the breaker opened and closed twice during the same CT startup/shutdown cycle  
 CT start time later than breaker close time  
 Please verify CT run hours as they appear shorter than breaker close hours  
 Please verify CT start time as it appears later than breaker close time  
 Please verify CT run hours as they appear shorter than breaker close hours

Please confirm number of startups and shutdowns. Initial estimates are based on # of run "sets" provided.

Please verify CT shutoff time as compared to breaker open time  
 Appears to be missing a run time data set from ~2:45 to ~5:15  
 "

Please verify CT start time as it appears later than breaker close time  
 Please verify CT shutoff time as compared to breaker open time

Please confirm number of startups and shutdowns. Initial estimates are based on # of run "sets" provided.

## **Summary of California ISO community outreach efforts in connection with Department of Energy (DOE) Emergency Order dated September 10, 2021**

Upon the issuance of the DOE's Emergency Order on September 10, 2021, the CAISO Communications team developed and implemented a plan to inform communities in which the Covered Resources identified by the Emergency Order are located. This effort included leveraging existing communication channels and outreach to new communication channels in those communities.

The CAISO notified communications personnel for the following entities of DOE's Emergency Order and requested their assistance and support in distributing a summary of the authority the order granted the CAISO via targeted electronic mail, newsletter content, and website banners.

- **California Executive Branch and State Agencies:** The CAISO conducted outreach to California Governor's Office, California Public Utilities Commission, California Energy Commission, California Department of Water Resources, California Office of Emergency Services, California Air Resources Board, and California Resources Agency.)
- **California Legislature:** – The CAISO contacted the offices of State Assemblymembers and State Senators in whose districts the Covered Resources are located.
- **Local governments and elected officials in each affected area:** The CAISO conducted outreach to representatives of local governments list below, including municipal city councils and county boards of supervisors, elected officials, and staff.
  - City of Roseville. [*The City of Roseville posted a copy of the CAISO's summary on its website and distributed notices in the communities located adjacent to the Roseville Energy Park.*]
  - Placer County
  - Orange County
  - Kern County
  - City of Long Beach
  - City of Industry
  - Bakersfield
  - Yuba City
- **Air quality management and pollution control districts in each community:** The CAISO conducted outreach to the Feather River Air Quality Management District, San Joaquin Valley Air District, South Coast Air Quality Management District, and Placer County Air Quality Management District.

- **Owners of each Covered Resource:** The CAISO conducted outreach to Midway Sunset Cogeneration Facility; the Alamitos Energy Center; the Huntington Beach Energy Project; the Walnut Creek Energy Park; Greenleaf Unit 1 in Yuba City, California; and the Roseville Energy Park.
- **Electric distribution utilities in each of the communities where the covered Resources are located:** The CAISO conducted outreach to Pacific Gas & Electric, Southern California Edison and Roseville Electric.
- **Environmental and environmental justice organizations:** The CAISO contacted the following environmental and environmental justice groups and consultants regarding the issuance of DOE's Emergency Order and requested these groups leverage any communications channels in place, such as member email databases, websites, newsletters or blogs to increase awareness of the DOE Emergency Order
  - California Environmental Justice Association
  - Greenlining Institute
  - Asian Pacific Environmental Network 4 Environmental Justice
  - Communities for a Better Environment
  - Environmental Defense Fund
  - National Resource Defense Council
  - Union of Concerned Scientists

The CAISO also posted a summary of the DOE Emergency Order to the California ISO News webpage, with a homepage banner linking to this summary, and pushed social media posts (e.g. Twitter and Facebook) with a link to the summary. Finally, the CAISO placed paid print and digital ads in newspapers in each of the six communities:

- Bakersfield Californian
- Yuba – Sutter Appeal-Democrat
- Roseville Press-Tribune (Gold Country Media)
- Southern California News Group (SCNG)
- Long Beach Press Telegram
- Orange County Register
- San Gabriel Valley Tribune

**California Air Resources Board (CARB) description of information obtained in connection with the development and implementation of the plan to mitigate the effects of additional emissions authorized by the July 30, 2021 proclamation**

Pursuant to the Proclamation, a total of four new combustion turbines were installed at two locations, one in Yuba City (the Greenleaf site) and one in Placerville (the Roseville Energy site). In order to ensure that the units were operable in the case of an energy shortfall, these units were commissioned on an expedited basis, and without the nitrogen oxide and carbon monoxide pollution controls that would otherwise be required. The relevant air districts—Feather River for the Greenleaf site and Placer County for the Roseville Energy site—provided air permits and commissioning run time information for each facility to CARB. Placer County also provided an estimate of emissions stemming from the commissioning of the units at the Roseville Energy site. See attached for all documentation that CARB received from the air districts. CARB is continuing to assess whether the emissions associated with commissioning the new units must be mitigated under the Proclamation.

CARB did not receive information directly from the operators of the new units. CARB also did not receive information from any of the existing facility operators that were subject to the DOE Section 202 Order. Facility operators were not required to report to CARB under the Proclamation because there were no CAISO Grid Warning or Emergency events during the period that the Proclamation was in effect, such that the facilities would have operated above permit limits and been required to report emissions to CARB.