US ELECTIONS: LNG markets brace for volatility after Trump victory

- LNG prices soften on election outcome
- Support anticipated for long-term supply growth
- Escalating Middle East conflict seen as near-term risk

Global LNG market participants braced for near-term volatility after former US President Donald Trump was elected to a second term, with prices softening in the immediate wake of the race being declared.

LNG prices in Europe and the value of LNG traded free on board from the US Gulf Coast dropped Nov. 6, after the Associated Press called the race for Trump, as traders weighed near and longer-term impacts of shifts in the American approach to issues including geopolitics, energy infrastructure permitting and trade.

Platts, part of S&P Global Commodity Insights, assessed DES Northwest Europe Marker for December at \$12.543/MMBtu on Nov. 6, down 16.6 cents/MMBtu on the day.

Across the Atlantic, Platts assessed the Gulf Coast Marker for US FOB cargoes loading 30-60 days forward at 11.95/MMBtu Nov. 6, down 16 cents on the day.

Platts Locations Natural Gas Daily Final Assessment Rationale

Platts Gas Daily indexes are based upon trade data reported to Platts by market participants and the Intercontinental Exchange.

These locations were assessed by Platts and deviated from the standard volume weighted average methodology in the following ways:

- 1. Algonquin, receipts: Price of \$1.53/MMBtu was assessed at a 2-cent discount to Texas Eastern, M-3, based on recent daily gas trading and verified by ICE bid-offer activity.
- 2. Tennessee Zone 5-200 leg: Price of \$1.55/MMBtu was assessed at a 7.5-cent discount to Tennessee Zone 6 delivered based on recent daily gas trading verified by ICE bid-offer activity.
- 3. Texas Eastern, M-1 30-inch: Price of \$1.69/MMBtu was assessed at a 6.5-cent discount to Texas Eastern, ELA, based on ICE bid-offer activity and verified by recent daily gas trading.
- 4. Mountain West: Price of \$2.01/MMBtu was assessed at a 6-cent discount to Northwest, Wyoming Pool, based on recent daily gas trading and verified by ICE bid-offer activity.

The indexes are calculated using detailed transaction level data from these providers. Platts editors screen the data for outliers that may be further examined and potentially removed. A volume-weighted average is then calculated from the remaining set of data.

Platts is part of S&P Global Commodity Insights.

This rationale applies to symbols found in the Market Data category GD listed at http://plts.co/3z3y30qw7qH.

Final Daily price survey - Platts Locations (\$/MMBtu)

Trade date: 06-Nov Flow date(s):07-Nov

	Midpoint		+/-	Absolute	Common	Vol. Deals	
East Texas							
Agua Dulce Hub	IGBAV21	1.600	+0.200	1.600-1.600	1.600-1.600	15	
Carthage Hub	IGBAF21		+0.200	1.700-1.705	1.705-1.705		
Florida Gas, zone 1	IGBAW21		+0.280	1.800-1.800	1.800-1.800		2
Houston Ship Channel	IGBAP21		+0.175	1.550-1.680	1.605-1.670		
Katy	IGBAQ21		+0.105	1.530-1.680	1.580-1.655		
NGPL, STX	IGBAZ21		+0.140	1.550-1.620	1.570-1.605		28
NGPL, Texok zone	IGBAL21		+0.205	1.570-1.680	1.620-1.675		
Tennessee, zone 0	IGBBA21		+0.090	1.505-1.600	1.530-1.580		54
Tx. Eastern, ETX	IGBAN21		+0.165	1.550-1.720	1.635-1.720		20
Tx. Eastern, STX	IGBBB21		+0.255	1.650-1.800	1.695-1.770		
Transco, zone 1	IGBBC21	1.575	+0.130	1.500-1.650	1.540-1.615	34	12
Transco, zone 2	IGBBU21	1.800	+0.170	1.780-1.840	1.785-1.815	40	14
East Texas regional average	IGGAA00	1.660					
Louisiana/Southeast							
ANR, La.	IGBBF21	1.805	+0.190	1.760-1.830	1.790-1.825	224	30
Columbia Gulf, La.	IGBBG21	1.755	+0.110	1.650-1.800	1.720-1.795		16
Columbia Gulf, mainline	IGBBH21		+0.230	1.655-1.750	1.695-1.745		58
Florida city-gates	IGBED21		+0.180	2.380-2.460			
Florida Gas, zone 2	IGBBJ21		+0.205	1.850-1.850	1.850-1.850		1
Florida Gas, zone 3	IGBBK21		+0.170	2.180-2.250	2.195-2.230		38
Henry Hub	IGBBL21		+0.150	1.750-1.825	1.780-1.820		81
Pine Prairie Hub	IGBRU21		+0.110	1.780-1.810	1.795-1.810		24
Southern Natural, La.	IGBR021		+0.050	1.750-1.855	1.765-1.815		
Tennessee, zone 1	IGBHI21		+0.055	1.550-1.600	1.580-1.600		32
Tennessee, 500 Leg	IGBBP21		+0.120	1.680-1.840	1.750-1.830		40
Tennessee, 800 Leg	IGBBC21		+0.085	1.675-1.690	1.685-1.690		16
Tx. Eastern, ELA	IGBBS21		+0.200	1.710-1.770	1.740-1.770		
				1.710-1.770	1.690-1.690		
Tx. Eastern, M-1 30-in. Tx. Eastern, WLA	IGBDI21 IGBBR21		+0.135	1.710-1.780	1.730-1.765		62
			+0.155				
Tx. Gas, zone 1			+0.155	1.680-1.760	1.715-1.755	584	90
Tx. Gas, zone SL	IGBBT21		- 0.045	4 750 4 070	1.045 1.070	70	
Transco, station 65	IGBIE21		+0.015	1.750-1.870	1.815-1.870		
Transco, zone 3	IGBBV21		+0.020	1.750-1.870	1.815-1.870		
Transco, zone 4	IGBDJ21		+0.010	1.800-2.000	1.835-1.935		
Trunkline, ELA	IGBBX21		_				
Trunkline, WLA	IGBBW21						
Trunkline, zone 1A	IGBGF21		+0.200	1.715-1.775	1.745-1.775	58	10
Louisian/Southeast regional average	IGHAA00	1.820					
Rockies/Northwest							
Cheyenne Hub	IGBC021	1.680	+0.220	1.645-1.730	1.660-1.700	297	48
CIG, Rockies	IGBCK21	1.660	+0.215	1.630-1.700	1.645-1.680	61	14
GTN, Kingsgate	IGBCY21	0.710	-0.320	0.700-0.720	0.705-0.715	33	7
Kern River, Opal	IGBCL21	2.075	+0.485	1.950-2.150	2.025-2.125	620	142
MountainWest	IGBCN21	2.010*	*+0.450	2.010-2.010	2.010-2.010	0	0
NW, Can. bdr. (Sumas)	IGBCT21	1.660	+0.160	1.600-1.800	1.610-1.710	65	13
NW, Rocky Mtn. Pool	IGBRW21	1.925	+0.385	1.850-2.000	1.890-1.965	20	4
NW, s. of Green River	IGBCQ21	1.925	+0.385	1.850-2.000	1.890-1.965	20	4
NW, Wyo. Pool	IGBCP21	2.070	+0.450	2.000-2.130	2.040-2.105	158	28
PG&E, Malin	IGBD021	2.115	+0.535	2.000-2.250	2.055-2.180	194	46
Stanfield, Ore.	IGBCM21	2.060	+0.420	2.000-2.150	2.025-2.100	252	50
TCPL Alberta, AECO-C*				0.650-1.035			126
Westcoast, station 2*				0.500-0.550			
White River Hub				1.860-2.050			
Rockies/Northwest regional average							
Southwest							
	TODO004	2.025	.0.505	1 000 2 100	1.075.0.075	00	20
El Paso, Bondad				1.900-2.100			
El Paso, Permian				-3.250-0.000			
El Paso, San Juan				1.750-2.100			
El Paso, South Mainline				2.350-2.600			
El Paso, West Texas				-3.200—2.400			
Kern River, delivered				2.150-2.450			
PG&E city-gate				2.750-2.900			
PG&E, South				2.000-2.400			
SoCal Gas				1.900-2.500			
SoCal Gas, city-gate				2.500-2.800			
Transwestern, Permian				-2.500—1.000			
Transwestern, San Juan				1.900-2.100			
Waha	IGBAD21	-2.520	+0.480	-3.300—0.050	-3.300—1.71	02305	327
Southwest regional average	IGJAA00	1.150					
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*Price in C\$ per gj; C\$1=US\$0.7176; **Assessed price; Volume in 000 MMBtu/day. Symbols represent gas flow date.

Mild weather, supply length weigh on NYMEX gas futures market

- NYMEX December gas down 12% from late-October highs
- November, res-comm gas burn down 16% from 5-year average

Mild US temperatures this month and forecasts predicting similar weather into late November are weighing on the NYMEX gas futures market recently where December prices are down about 35 cents, or nearly 12%, from late-October highs, data from S&P Global Commodity Insights showed.

On Nov. 8, the December gas contract was up just 3-4 cents on the day to around \$2.73/MMBtu – just above annual lows as traders continue to exercise caution in the current market environment.

Since the start of November, temperatures across the US Northeast have defied the autumn season with cities like Boston and New York hitting daily highs in the mid-70s Fahrenheit earlier this month. Similarly mild conditions across the Midwest pushed temperatures in Chicago to nearly 70 degrees in early November.

Exceptionally mild weather this month – especially in the Northeast and the Midwest – has kept US heating demand well below average in November. Month to date, US residential-commercial gas burn has averaged just 18.8 Bcf/d to trend 3.5 Bcf/d, or nearly 16% below the five-year average, according to data compiled by Commodity Insights.

Platts Locations Natural Gas Daily Final Assessment Rationale

Platts Gas Daily indices are based on trade data reported to Platts by market participants and the Intercontinental Exchange.

These locations were assessed by Platts and deviated from the standard volume-weighted average methodology in the following ways:

1.Algonquin, receipts: A price of \$1.015/MMBtu was assessed at a 3-cent discount to Texas Eastern, M-3, based on recent daily gas trading and verified by ICE bid/offer activity.

2.MountainWest: A price of 97 cents/MMBtu was assessed at an 8-cent discount to Northwest, Wyoming Pool, based on recent daily gas trading and verified by ICE bid/offer activity.

3.Texas Eastern, M-1 24-inch: A price of \$1.22/MMBtu was assessed at a 6-cent premium to Texas Eastern, ELA, based on recent daily gas trading and verified by ICE bid/offer activity.

The indices are calculated using detailed transaction-level data from these providers. Platts editors screen the data for outliers that may be further examined and potentially removed. A volume-weighted average is then calculated from the remaining set of data.

Platts is part of S&P Global Commodity Insights.

This rationale applies to symbols found in the Market Data category GD listed at http://plts.co/3z3y30qw7qH

Final Daily price survey - Platts Locations (\$/MMBtu)

Trade date: 08-Nov Flow date(s):09-Nov—12

East Texas	M	idpoint	+/-	Absolute	Common	Vol. D	eals
Agua Dulce Hub	IGBAV21	0.855	-0.330	0.800-0.890	0.835-0.880	54	6
Carthage Hub	IGBAF21	1.250	-0.195		1.250-1.250	1	2
Florida Gas, zone 1	IGBAW21	1.250	-0.195		1.250-1.250	15	2
Houston Ship Channel	IGBAP21	1.045	-0.250		1.000-1.130	470	59
Katy	IGBAQ21		-0.090		1.145-1.300	474	79
NGPL, STX	IGBAZ21		-0.550			395	54
NGPL, Texok zone	IGBAL21	1.095	-0.360		1.040-1.150	1614	227
Tennessee, zone 0	IGBBA21	0.975	-0.335		0.930-1.020	456	72
Tx. Eastern, ETX	IGBAN21	1.075	-0.370	0.950-1.150	1.025-1.125	99	20
Tx. Eastern, STX	IGBBB21	0.995	-0.420	0.950-1.200	0.950-1.060	96	20
Transco, zone 1	IGBBC21	1.105	-0.095	1.000-1.190	1.060-1.155	72	18
Transco, zone 2	IGBBU21	1.310	-0.100	1.200-1.350	1.275-1.350	40	10
East Texas regional average	IGGAA00	1.080					
Louisiana/Southeast							
ANR, La.	IGBBF21	1.170	-0.360	1.150-1.360	1.150-1.225	225	35
Columbia Gulf, La.	IGBBG21	1.350	-0.050	1.250-1.500	1.290-1.415	49	18
Columbia Gulf, mainline	IGBBH21	1.250	-0.110		1.160-1.340	123	32
Florida city-gates	IGBED21		+0.085		2.425-2.515	122	13
Florida Gas, zone 2	IGBBJ21	1.200	-0.410		1.200-1.200	26	1
Florida Gas, zone 3	IGBBK21		+0.045		2.110-2.360	340	85
Henry Hub	IGBBL21		-0.285		1.150-1.320	290	59
Pine Prairie Hub	IGBRU21	1.345	-0.155		1.310-1.380	250	60
Southern Natural, La.	IGBB021	1.370	-0.245		1.285-1.460	482	85
Tennessee, zone 1	IGBHI21	1.190	-0.140	1.040-1.250	1.140-1.245	256	42
Tennessee, 500 Leg	IGBBP21	1.265	-0.285	1.160-1.420	1.200-1.330	320	58
Tennessee, 800 Leg	IGBBQ21	1.315	-0.050	1.300-1.320	1.310-1.320	25	8
Tx. Eastern, ELA	IGBBS21	1.280	-0.155	1.240-1.310	1.265-1.300	58	10
Tx. Eastern, M-1 30-in.	IGBDI21	1.310	-0.090	1.310-1.310	1.310-1.310	10	2
Tx. Eastern, WLA	IGBBR21	1.250	-0.205	1.050-1.380	1.170-1.335	512	94
Tx. Gas, zone 1	IGBA021	1.215	-0.240	1.100-1.300	1.165-1.265	442	72
Tx. Gas, zone SL	IGBBT21	_	_			_	_
Transco, station 65	IGBIE21	1.395	-0.070	1.350-1.600	1.350-1.460	77	24
Transco, zone 3	IGBBV21	1.395	-0.070	1.350-1.600	1.350-1.460	77	24
Transco, zone 4	IGBDJ21	1.250	-0.335	1.150-1.580	1.150-1.360	1512	236
Trunkline, ELA	IGBBX21	_	_			_	_
Trunkline, WLA	IGBBW21	_	_			_	_
Trunkline, zone 1A	IGBGF21	1.220	-0.155	1.185-1.250	1.205-1.235	95	17
Louisian/Southeast regional average	IGHAA00	1.385					
Rockies/Northwest							
Cheyenne Hub	IGBC021	1.010	-0.295	0.900-1.185	0.940-1.080	312	73
CIG, Rockies	IGBCK21	1.015	-0.300	0.945-1.140	0.965-1.065	43	10
GTN, Kingsgate	IGBCY21	0.850	+0.280	0.820-0.900	0.830-0.870	72	12
Kern River, Opal	IGBCL21	1.010	-0.495	0.950-1.150	0.960-1.060	473	120
MountainWest	IGBCN21	0.970	*-0.530	0.970-0.970	0.970-0.970	0	C
NW, Can. bdr. (Sumas)	IGBCT21	0.575	-0.210	0.500-0.750	0.515-0.640	55	24
NW, Rocky Mtn. Pool	IGBRW21	0.930	-0.515	0.900-0.990	0.910-0.955	50	12
NW, s. of Green River	IGBCQ21	0.930	-0.515	0.900-0.990	0.910-0.955	50	12
NW, Wyo. Pool	IGBCP21	0.995	-0.490	0.950-1.090	0.960-1.030	189	32
PG&E, Malin	IGBD021	1.050	-0.505	1.030-1.250	1.030-1.105	252	80
Stanfield, Ore.	IGBCM21	0.990	-0.505	0.950-1.090	0.955-1.025	174	32
TCPL Alberta, AECO-C*	IGBCU21	0.860	+0.330	0.740-1.025	0.790-0.930	810	176
Westcoast, station 2*	IGBCZ21	0.195	-0.375	0.130-0.350	0.140-0.250	50	14
White River Hub	IGBGL21	0.970	-0.460	0.920-1.120	0.920-1.020	521	99
Rockies/Northwest regional average	IGIAA00	0.940					
Southwest							
El Paso, Bondad	IGBCG21	0.910	-0.545	0.750-1.050	0.835-0.985	83	28
El Paso, Permian	IGBAB21	-1.375	-0.990	-2.000-0.500-	2.000-0.750	806	172
El Paso, San Juan	IGBCH21	0.815	-0.735	0.700-1.050	0.730-0.905	250	52
El Paso, South Mainline	IGBFR21	0.960	-0.590	0.900-1.050	0.925-1.000	97	23
El Paso, West Texas	IGBRT21	-1.480	-0.980	-2.000—0.750	-1.795—1.170	720	150
Kern River, delivered	IGBES21	1.070	-0.500	1.030-1.400	1.030-1.165	357	95
PG&E city-gate	IGBEB21	1.965	-0.355	1.800-2.400	1.815-2.115	680	172
PG&E, South	IGBDM21	0.900	-0.600	0.800-1.200	0.800-1.000	286	92
SoCal Gas	IGBDL21	0.870	-0.645	0.750-1.150	0.770-0.970	405	104
SoCal Gas, city-gate	IGBGG21	1.305	-0.640	1.150-1.500	1.220-1.395	219	67
Transwestern, Permian	IGBAE21			-1.600—1.000			8
Transwestern, San Juan	IGBGK21			0.750-1.150			40
Waha	IGBAD21	-1.350	-0.700	-2.000-1.000-	2.000-0.600	2219	371
	TO01104T		5.700	1.000		1 0	0/

Further growth expected in US natural gas storage surplus after mild start to winter season

- Analysts predict a build of 44 Bcf
- Surplus rises despite falling output

The US Energy Information Administration is expected to report a fourth consecutive weekly increase to the natural gas storage surplus Nov. 14, despite a decline in domestic production, after mild weather kept demand subdued in the week ended Nov. 8.

Analysts predicted an average storage injection of 44 Bcf for the week ended Nov. 8 in the weekly S&P Global Commodity Insights natural gas storage survey. Responses to the weekly survey were at 31-61 Bcf, but more than two-thirds of responses were in a tighter range of 38-51 Bcf.

Commodity Insights gas storage survey vs EIA estimates



Source: S&P Global Commodity Insights, US Energy Information Administration

Platts Locations Natural Gas Daily Final Assessment Rationale

Platts Gas Daily indexes are based upon trade data reported to Platts by market participants and the Intercontinental Exchange.

The indexes are calculated using detailed transaction level data from these providers. Platts editors screen the data for outliers that may be further examined and potentially removed. A volume-weighted average is then calculated from the remaining set of data.

These locations were assessed by Platts and deviated from the standard volume weighted average methodology in the following ways:

1.Niagara: Price of \$1.86/MMBtu was assessed at a 13.5-cent premium to Eastern Gas, South based on recent daily gas trading and verified by ICE bid/offer activity.

2.Carthage Hub: Price of \$1.80/MMBtu was assessed at an 8.5-cent premium to NGPL, Texok Zone based on recent daily gas trading and ICE bid/offer activity.

3.MountainWest: Price of \$1.87/MMBtu was assessed at a 7-cent discount to Northwest, Wyoming Pool, based on recent daily gas trading and verified by ICE bid/offer activity.

Platts is part of S&P Global Commodity Insights.

This rationale applies to symbols found in the Market Data category GD listed at http://plts.co/3z3y30qw7qH

Final Daily price survey - Platts Locations (\$/MMBtu)

Trade date: 12-Nov Flow date(s):13-Nov

	М	idpoint	+/-	Absolute	Common	Vol. D	eals
East Texas							
Agua Dulce Hub	IGBAV21	1.560	+0.705	1.560-1.560	1.560-1.560	7	1
Carthage Hub	IGBAF21			1.800-1.800	1.800-1.800		0
Florida Gas, zone 1	IGBAW21		+0.645	1.885-1.900	1.890-1.900		2
Houston Ship Channel	IGBAP21		+0.705	1.540-1.890	1.665-1.840		34
Katy	IGBAQ21		+0.630	1.700-1.950	1.790-1.915		62
NGPL, STX	IGBAZ21		+0.935	1.680-1.800	1.680-1.740		38
NGPL, Texok zone	IGBAL21		+0.620	1.600-1.850	1.655-1.780		140
Tennessee, zone 0	IGBBA21		+0.790	1.700-1.820	1.735-1.795		51
Tx. Eastern, ETX	IGBAN21		+0.655	1.700-1.850	1.700-1.770		16
Tx. Eastern, STX	IGBBB21		+0.825	1.720-1.900	1.775-1.865		12
Transco, zone 1	IGBBC21		+0.565	1.600-1.800	1.620-1.720		16
Transco, zone 2	IGBBU21		+0.620	1.870-1.970	1.905-1.955	102	17
East Texas regional average	IGGAA00	1.765					
Louisiana/Southeast							
ANR, La.	IGBBF21	1.930	+0.760	1.910-2.000	1.910-1.955	324	61
Columbia Gulf, La.	IGBBG21	1.915	+0.565	1.900-1.950	1.905-1.930	207	28
Columbia Gulf, mainline	IGBBH21	1.820	+0.570	1.770-1.900	1.790-1.855	295	50
Florida city-gates	IGBED21	2.255	-0.215	2.220-2.280	2.240-2.270	97	12
Florida Gas, zone 2	IGBBJ21	2.020	+0.820	1.980-2.050	2.005-2.040	46	4
Florida Gas, zone 3	IGBBK21	2.050	-0.185	1.950-2.300	1.965-2.140	404	91
Henry Hub	IGBBL21	1.935	+0.705	1.900-1.995	1.910-1.960	527	84
Pine Prairie Hub	IGBRU21	1.950	+0.605	1.930-1.960	1.945-1.960	180	26
Southern Natural, La.	IGBB021	2.030	+0.660	1.950-2.130	1.985-2.075	527	86
Tennessee, zone 1	IGBHI21	1.855	+0.665	1.800-1.900	1.830-1.880	276	40
Tennessee, 500 Leg	IGBBP21	1.845	+0.580	1.800-1.900	1.820-1.870	457	76
Tennessee, 800 Leg	IGBBQ21	1.850	+0.535	1.840-1.850	1.850-1.850	116	26
Tx. Eastern, ELA	IGBBS21	1.845	+0.565	1.770-1.855	1.825-1.855	118	20
Tx. Eastern, M-1 30-in.	IGBDI21	1.840	+0.530	1.840-1.840	1.840-1.840	10	2
Tx. Eastern, WLA	IGBBR21	1.865	+0.615	1.850-1.950	1.850-1.890	384	58
Tx. Gas, zone 1	IGBA021	1.810	+0.595	1.750-1.850	1.785-1.835	747	110
Tx. Gas, zone SL	IGBBT21	_	_			_	_
Transco, station 65	IGBIE21	2.020	+0.625	1.980-2.145	1.980-2.060	115	25
Transco, zone 3	IGBBV21	2.005	+0.610	1.940-2.145	1.955-2.055	145	27
Transco, zone 4	IGBDJ21	2.005	+0.755	1.925-2.250	1.925-2.085	1001	153
Trunkline, ELA	IGBBX21	_	_			_	_
Trunkline, WLA	IGBBW21	_	_			_	_
Trunkline, zone 1A	IGBGF21	1.840	+0.620	1.800-1.900	1.815-1.865	46	14
Louisian/Southeast regional average	IGHAA00	1.930					
Rockies/Northwest							
Cheyenne Hub	IGBC021	1.720	+0.710	1.695-1.800	1.695-1.745	288	44
CIG, Rockies	IGBCK21	1.705	+0.690	1.650-1.750	1.680-1.730	34	8
GTN, Kingsgate	IGBCY21		+0.190	1.040-1.040	1.040-1.040		2
Kern River, Opal	IGBCL21	1.930	+0.920	1.860-1.960	1.905-1.955	311	68
MountainWest	IGBCN21			1.870-1.870	1.870-1.870	0	0
NW, Can. bdr. (Sumas)	IGBCT21		+0.520	0.800-1.250	0.985-1.210		13
NW, Rocky Mtn. Pool	IGBRW21	1.755	+0.825	1.700-1.800	1.730-1.780	35	10
NW, s. of Green River	IGBCQ21	1.755	+0.825	1.700-1.800	1.730-1.780		10
NW, Wyo. Pool	IGBCP21		+0.945	1.860-1.950	1.920-1.950		20
PG&E, Malin	IGBD021	1.875	+0.825	1.850-2.000	1.850-1.915	235	70
Stanfield, Ore.	IGBCM21	1.860	+0.870	1.835-2.000	1.835-1.900	155	34
TCPL Alberta, AECO-C*				0.850-1.000			91
Westcoast, station 2*				0.400-0.650			10
White River Hub	IGBGL21	1.775	+0.805	1.740-1.880	1.740-1.810	317	84
Rockies/Northwest regional average	IGIAA00	1.695					
Southwest							
El Paso, Bondad	TCPCC21	1 725	±0.025	1.695-1.800	1 710-1 760	189	42
El Paso, Permian				-1.850-1.530-			
El Paso, San Juan				1.700-1.900			
El Paso, South Mainline				1.890-2.050			
El Paso, West Texas				1.850—1.000			
Kern River, delivered				2.000-2.120			
							126
PG&E city-gate PG&E, South				2.500-3.250			
SoCal Gas				1.800-2.000			
				1.760-2.100			
SoCal Gas, city-gate				2.500-2.700			100
Transwestern, Permian				1.450—1.250			4
Transwestern, San Juan				1.750-1.950			34
Waha			-0.160	-2.050-1.300-	-2.050-0.675)Z182	333
Southwest regional average	IGJAA00	1.210					
	± ^						

*Price in C\$ per gj; C\$1=US\$0.7172; **Assessed price; Volume in 000 MMBtu/day. Symbols represent gas flow date.

US natural gas storage surplus climbs for fourth week, NYMEX futures drop

- Surplus to five-year average rises to 228 Bcf
- NYMEX front month down 22 cents.

The latest weekly storage estimate from the US Energy Information Administration was close to analyst expectations, with the surplus to the five-year average climbing for a fourth consecutive week, adding to pressure on gas futures.

EIA reported Nov. 14 a 42 Bcf net injection to US gas inventories in the week ended Nov. 8, taking inventories to 3.974 Tcf. The average estimate from S&P Global Commodity Insights' weekly gas storage survey predicted a 44 Bcf injection for the week.

The 42 Bcf injection was higher than the five-year average 29 Bcf injection and the year-ago addition of 41 Bcf, data from the EIA showed.

As of Nov. 8, US inventories stood at 3.974 Tcf, which is 228 Bcf, or 6%, above the five-year average of 3.746 Tcf, and 158 Bcf, or 4%, above the year-ago level of 3.816 Tcf.

After declining steadily throughout most of summer 2024 from a high point of 678 Bcf on March 15, the surplus has now grown 65 Bcf in the past four consecutive weeks, EIA data showed.

Platts Locations Natural Gas Daily Final Assessment Rationale

Platts Gas Daily indices are based upon trade data reported to Platts by market participants and the Intercontinental Exchange.

The indices are calculated using detailed transaction level data from these providers. Platts editors screen the data for outliers that may be further examined and potentially removed. A volume weighted average is then calculated from the remaining set of data.

These locations were assessed by Platts and deviated from the standard volume weighted average methodology in the following ways:

- 1. Algonquin, receipts: Price of \$1.825/MMBtu was assessed at a 0.5-cent discount to Texas Eastern, M-3, based on recent daily gas trading and verified by ICE bid/offer activity.
- 2. Iroquois, zone 1: Price of \$1.86/MMBtu was assessed at a 14.5-cent discount to Iroquois, Zone 2, based on recent daily gas trading and verified by ICE bid/offer activity.
- 3. Transco, zone 5 delivered North: Price of \$1.90/MMBtu was assessed at a 1-cent premium to Transco, zone 5 delivered South, based on ICE bid/offer activity and recent daily gas trading.
- 4. Texas Eastern, M-1 30-inch: Price of \$1.86/MMBtu was assessed at a 1-cent premium to Texas Eastern, ELA, based on ICE bid/offer activity and verified by recent daily gas trading.

Platts is a part of S&P Global Commodity Insights.

This rationale applies to symbols found in the Market Data category GD listed at http://plts.co/3z3y30qw7qH.

Final Daily price survey - Platts Locations (\$/MMBtu)

Trade date: 14-Nov Flow date(s):15-Nov

	М	idpoint	+/-	Absolute	Common	Vol. D	eal
East Texas	TODAYO	1.000	0.010	1.000.1.010	1.610.1.000	٥٢	
Agua Dulce Hub	IGBAV21	1.620	-0.310				
Carthage Hub	IGBAF21		-0.175	1.750-1.800	1.760-1.785		1
Florida Gas, zone 1	IGBAW21					_	-
Houston Ship Channel	IGBAP21		-0.230				2
Katy	IGBAQ21	1.625	-0.300	1.585-1.670	1.605-1.645	664	8
NGPL, STX	IGBAZ21						4
NGPL, Texok zone	IGBAL21	1.750	-0.200	1.680-1.800	1.720-1.780	1359	19
Tennessee, zone 0	IGBBA21	1.635	-0.270	1.410-1.750	1.550-1.720	312	6
Tx. Eastern, ETX	IGBAN21	1.670	-0.235	1.600-1.800	1.620-1.720	86	2
Tx. Eastern, STX	IGBBB21	1.820	-0.135	1.650-1.850	1.770-1.850	42	
Transco, zone 1	IGBBC21	1.665	-0.270	1.660-1.680	1.660-1.670	32	1
Transco, zone 2	IGBBU21						
East Texas regional average	IGGAA00						
	100,000	, 00					
Louisiana/Southeast							_
ANR, La.	IGBBF21						3
Columbia Gulf, La.	IGBBG21	1.900	-0.160	1.800-1.910	1.875-1.910	287	4
Columbia Gulf, mainline	IGBBH21	1.840	-0.140	1.800-1.900	1.815-1.865	519	ć
Florida city-gates	IGBED21	2.140	-0.275	2.120-2.150	2.135-2.150	86	1
Florida Gas, zone 2	IGBBJ21	_	_			_	-
Florida Gas, zone 3	IGBBK21	1.950	-0.270	1.910-2.010	1.925-1.975	365	Ę
Henry Hub	IGBBL21	2.015	-0.080	1.850-2.120	1.950-2.085	661	12
Pine Prairie Hub	IGBRU21						3
Southern Natural, La.	IGBB021						(
Tennessee, zone 1	IGBHI21						6
Tennessee, 500 Leg	IGBBP21						(
Tennessee, 800 Leg	IGBBQ21						2
Tx. Eastern, ELA	IGBBS21						2
Tx. Eastern, M-1 30-in.	IGBDI21						
Tx. Eastern, WLA	IGBBR21		-0.185				8
Tx. Gas, zone 1	IGBA021		-0.170	1.700-1.880	1.775-1.865	738	(
Tx. Gas, zone SL	IGBBT21		_			_	
Transco, station 65	IGBIE21	1.855	-0.320	1.800-1.910	1.830-1.885	209	Ĺ
Transco, zone 3	IGBBV21	1.870	-0.290	1.800-1.970	1.830-1.915	259	Ĺ
Transco, zone 4	IGBDJ21	1.865	-0.300	1.800-2.000	1.815-1.915	1381	24
Trunkline, ELA	IGBBX21	_	_			_	-
Trunkline, WLA	IGBBW21	_	_			_	-
Trunkline, zone 1A	IGBGF21	1.830	-0.170	1.820-1.875	1.820-1.845	44	
Louisian/Southeast regional average	IGHAA00	1.880					
Rockies/Northwest							
	T000004	4 745	0.405	4 005 4 700	1 000 1 7/0	/ 07	_
Cheyenne Hub	IGBC021						(
CIG, Rockies	IGBCK21		-0.195				2
GTN, Kingsgate	IGBCY21					40	
Kern River, Opal	IGBCL21	2.320	+0.155	2.200-2.500	2.245-2.395	309	- 7
MountainWest	IGBCN21	2.300	+0.150	2.300-2.300	2.300-2.300	7	
NW, Can. bdr. (Sumas)	IGBCT21	1.615	+0.580	1.500-1.700	1.565-1.665	13	
NW, Rocky Mtn. Pool	IGBRW21	1.920	-0.050	1.910-1.930	1.915-1.925	23	
NW, s. of Green River	IGBCQ21	1.920	-0.050	1.910-1.930	1.915-1.925	23	
NW, Wyo. Pool	IGBCP21						2
PG&E, Malin	IGBD021	2.585	+0.365	2.350-2.800			(
Stanfield, Ore.	IGBCM21				2.290-2.565	143	-
TCPL Alberta, AECO-C*					0.790-0.870		8
Westcoast, station 2*	IGBCZ21						
White River Hub	IGBGL21						1/
			+0.000	1.000-2.040	1.900-2.020	400	1.0
Rockies/Northwest regional average	IGIAAUU	1.960					
Southwest							
	TODO004	2.000	+0.115	1.850-2.050	1.950-2.050	130	:
	IGBCG21				-0.010-0.765	937	16
El Paso, Bondad		0.325	+0.800	-0.010-1.750	-0.010-0.703		-
El Paso, Bondad El Paso, Permian						256	
El Paso, Bondad El Paso, Permian El Paso, San Juan	IGBAB21	2.010	+0.095	1.850-2.070	1.955-2.065		:
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline	IGBAB21 IGBCH21 IGBFR21	2.010 2.110	+0.095 -0.020	1.850-2.070	1.955-2.065 2.000-2.225	91	:
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline El Paso, West Texas	IGBAB21 IGBCH21 IGBFR21 IGBRT21	2.010 2.110 0.100	+0.095 -0.020 +1.015	1.850-2.070 1.800-2.250 -0.010-0.300	1.955-2.065 2.000-2.225 0.025-0.180	91 805	14
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline El Paso, West Texas Kern River, delivered	IGBAB21 IGBCH21 IGBFR21 IGBRT21 IGBES21	2.010 2.110 0.100 2.360	+0.095 -0.020 +1.015 +0.060	1.850-2.070 1.800-2.250 -0.010-0.300 2.300-2.500	1.955-2.065 2.000-2.225 0.025-0.180 2.310-2.410	91 805 264	14
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline El Paso, West Texas Kern River, delivered PG&E city-gate	IGBAB21 IGBCH21 IGBFR21 IGBRT21 IGBES21 IGBEB21	2.010 2.110 0.100 2.360 4.140	+0.095 -0.020 +1.015 +0.060 +0.620	1.850-2.070 1.800-2.250 -0.010-0.300 2.300-2.500 3.850-4.350	1.955-2.065 2.000-2.225 0.025-0.180 2.310-2.410 4.015-4.265	91 805 264 864	14
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline El Paso, West Texas Kern River, delivered PG&E city-gate PG&E, South	IGBAB21 IGBCH21 IGBFR21 IGBRT21 IGBES21 IGBEB21 IGBDM21	2.010 2.110 0.100 2.360 4.140 2.225	+0.095 -0.020 +1.015 +0.060 +0.620 -0.005	1.850-2.070 1.800-2.250 -0.010-0.300 2.300-2.500 3.850-4.350 1.900-2.380	1.955-2.065 2.000-2.225 0.025-0.180 2.310-2.410 4.015-4.265 2.105-2.345	91 805 264 864 341	14
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline El Paso, West Texas Kern River, delivered PG&E city-gate PG&E, South SoCal Gas	IGBAB21 IGBCH21 IGBFR21 IGBRT21 IGBES21 IGBEB21 IGBDM21 IGBDL21	2.010 2.110 0.100 2.360 4.140 2.225 2.180	+0.095 -0.020 +1.015 +0.060 +0.620 -0.005 +0.000	1.850-2.070 1.800-2.250 -0.010-0.300 2.300-2.500 3.850-4.350 1.900-2.380 1.750-2.400	1.955-2.065 2.000-2.225 0.025-0.180 2.310-2.410 4.015-4.265 2.105-2.345 2.020-2.345	91 805 264 864 341 688	14 (18 18 11
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline El Paso, West Texas Kern River, delivered PG&E city-gate PG&E, South SoCal Gas SoCal Gas, city-gate	IGBAB21 IGBCH21 IGBFR21 IGBRT21 IGBES21 IGBEB21 IGBDM21 IGBDL21 IGBGG21	2.010 2.110 0.100 2.360 4.140 2.225 2.180 2.590	+0.095 -0.020 +1.015 +0.060 +0.620 -0.005 +0.000 +0.005	1.850-2.070 1.800-2.250 -0.010-0.300 2.300-2.500 3.850-4.350 1.900-2.380 1.750-2.400 2.510-2.650	1.955-2.065 2.000-2.225 0.025-0.180 2.310-2.410 4.015-4.265 2.105-2.345 2.020-2.345 2.555-2.625	91 805 264 864 341 688 580	14 (18 18 11
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline El Paso, West Texas Kern River, delivered PG&E city-gate PG&E, South SoCal Gas SoCal Gas, city-gate Transwestern, Permian	IGBAB21 IGBCH21 IGBFR21 IGBFR21 IGBES21 IGBEB21 IGBDM21 IGBDL21 IGBGG21 IGBAE21	2.010 2.110 0.100 2.360 4.140 2.225 2.180 2.590 0.125	+0.095 -0.020 +1.015 +0.060 +0.620 -0.005 +0.000 +0.005 +0.305	1.850-2.070 1.800-2.250 -0.010-0.300 2.300-2.500 3.850-4.350 1.900-2.380 1.750-2.400 2.510-2.650 0.000-0.200	1.955-2.065 2.000-2.225 0.025-0.180 2.310-2.410 4.015-4.265 2.105-2.345 2.020-2.345 2.555-2.625 0.075-0.175	91 805 264 864 341 688 580 32	14 18 18 11 11
El Paso, Bondad El Paso, Permian El Paso, San Juan El Paso, South Mainline El Paso, West Texas Kern River, delivered PG&E city-gate PG&E, South SoCal Gas SoCal Gas, city-gate	IGBAB21 IGBCH21 IGBFR21 IGBFR21 IGBES21 IGBEB21 IGBDM21 IGBDL21 IGBGG21 IGBAE21 IGBGK21	2.010 2.110 0.100 2.360 4.140 2.225 2.180 2.590 0.125 2.035	+0.095 -0.020 +1.015 +0.060 +0.620 -0.005 +0.000 +0.005 +0.305 +0.000	1.850-2.070 1.800-2.250 -0.010-0.300 2.300-2.500 3.850-4.350 1.900-2.380 1.750-2.400 2.510-2.650 0.000-0.200 1.850-2.075	1.955-2.065 2.000-2.225 0.025-0.180 2.310-2.410 4.015-4.265 2.105-2.345 2.020-2.345 2.555-2.625	91 805 264 864 341 688 580 32 229	14 18 18 11 11 14

North Dakota risks Waha-like gas prices without more pipelines

- Bakken production to rise through 2028
- Small pipeline expansion expected next month

The sub-zero pricing dynamic persisting in the West Texas gas market could strike North Dakota producers over the coming years if the region doesn't add new pipeline capacity quickly enough, according to the state's pipeline chief.

"All indications are that with rising gas-to-oil ratios and increasing activity, or steady activity levels for development in North Dakota, that we will see increased competition on the Northern Border Pipeline system going forward," North Dakota Pipeline Authority Director Justin Kringstad said Nov. 19 during a monthly industry update.

Pointing to Permian Basin benchmark Waha Hub, Kringstad said producers in North Dakota could see in-basin pricing fall below zero consistently where transportation capacity doesn't track upward with supply.

A glut of Permian associated gas and too little takeaway capacity continue to hold in-basin prices down. Month to date, spot gas settlements at Waha Hub averaged minus-94 cents/MMBtu, with a November low of minus-\$3.32/MMBtu, according to data from Platts, part of S&P Global Commodity Insights.

Platts Locations Natural Gas Daily Final Assessment Rationale

Platts Gas Daily indexes are based on trade data reported to Platts by market participants and the Intercontinental Exchange.

The indexes are calculated using detailed transaction-level data from these providers. Platts editors screen the data for outliers that may be further examined and potentially removed. A volume-weighted average is then calculated from the remaining set of data.

These locations were assessed by Platts and deviated from the standard volume-weighted average methodology in the following ways:

- 1. Algonquin, receipts: Price of \$2.34/MMBtu was assessed flat to Texas Eastern, M-3, based on recent daily gas trading and verified by ICE bid-offer activity.
- 2. Transco Zone 5 delivered North: Price of \$2.31/MMBtu was assessed at an 18.5-cent discount to Transco Zone 5 delivered South, based on ICE bid-offer activity and recent daily gas trading.
- 3. Texas Eastern, M-1 30-inch: Price of \$2.30/MMBtu was assessed at a 0.5-cent discount to Texas Eastern, ELA, based on ICE bid-offer activity and verified by recent daily gas trading.

Platts is part of S&P Global Commodity Insights.

This rationale applies to symbols found in the Market Data category GD listed at http://plts.co/3z3y30qw7qH.

Final Daily price survey - Platts Locations (\$/MMBtu)

Trade date: 20-Nov Flow date(s):21-Nov

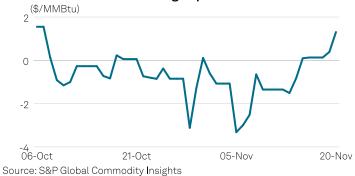
Fort Tour	М	idpoint	+/-	Absolute	Common	Vol. D	eals
East Texas Agua Dulce Hub	IGBAV21	1.835	0.025	1.780-2.000	1.780-1.890	40	3
Carthage Hub			-0.025 +0.255	2.240-2.250	2.245-2.250		6
Florida Gas, zone 1	IGBAW21		-	2.240-2.230			_
Houston Ship Channel	IGBAP21			1.850-1.970			34
Katy	IGBAQ21			1.920-2.120	1.970-2.070		
NGPL, STX	IGBAZ21			1.960-2.060			46
NGPL, Texok zone	IGBAL21			2.020-2.250			241
Tennessee, zone 0	IGBBA21	1.995	+0.110	1.920-2.090	1.955-2.040	363	53
Tx. Eastern, ETX	IGBAN21	2.115	+0.245	2.090-2.150	2.100-2.130	104	16
Tx. Eastern, STX	IGBBB21	2.105	+0.180	2.050-2.120	2.090-2.120	89	19
Transco, zone 1	IGBBC21	2.010	+0.125	1.990-2.050	1.995-2.025	76	23
Transco, zone 2	IGBBU21	2.380	+0.340	2.360-2.400	2.370-2.390	84	24
East Texas regional average	IGGAA00	2.065					
Louisiana/Southeast							
ANR, La.	IGBBF21	2.300	+0.295	2.200-2.330	2.270-2.330	388	63
Columbia Gulf, La.	IGBBG21	2.325	+0.305	2.300-2.350	2.315-2.340	186	30
Columbia Gulf, mainline	IGBBH21			2.250-2.385			71
Florida city-gates	IGBED21			2.600-2.700			8
Florida Gas, zone 2	IGBBJ21			2.360-2.390			4
Florida Gas, zone 3	IGBBK21			2.390-2.470			61
Henry Hub	IGBBL21						89
Pine Prairie Hub	IGBRU21						52
Southern Natural, La.	IGBB021			2.410-2.475			98
Tennessee, zone 1	IGBHI21			2.170-2.390			40
Tennessee, 500 Leg Tennessee, 800 Leg	IGBBP21 IGBBQ21			2.250-2.365 2.280-2.310			75 26
Tx. Eastern, ELA	IGBBQ21			2.290-2.350			40
Tx. Eastern, M-1 30-in.				2.300-2.300			
Tx. Eastern, WLA	IGBBR21			2.270-2.320			62
Tx. Gas, zone 1	IGBA021			2.250-2.400			
Tx. Gas, zone SL	IGBBT21		_				_
Transco, station 65	IGBIE21		+0.380	2.395-2.440	2.415-2.435	336	64
Transco, zone 3	IGBBV21	2.425	+0.380	2.350-2.440	2.405-2.440	350	67
Transco, zone 4	IGBDJ21	2.420	+0.380	2.400-2.455	2.405-2.435	1546	249
Trunkline, ELA	IGBBX21	_	_			_	_
Trunkline, WLA	IGBBW21	_	_			_	_
Trunkline, zone 1A	IGBGF21	2.290	+0.285	2.250-2.300	2.280-2.300	45	10
Louisian/Southeast regional average	IGHAA00	2.350					
Rockies/Northwest							
Cheyenne Hub	IGBC021			2.160-2.230	2.170-2.205		35
CIG, Rockies	IGBCK21			2.150-2.230			16
GTN, Kingsgate	IGBCY21			1.500-1.550			3
Kern River, Opal	IGBCL21			2.780-3.000			60
MountainWest	IGBCN21			2.700-2.700			4
NW, Can. bdr. (Sumas)	IGBCT21 IGBRW21			2.850-3.150 2.340-2.400			12
NW, Rocky Mtn. Pool NW, s. of Green River	IGBCQ21			2.340-2.400			12
NW, Wyo. Pool	IGBCQ21			2.780-3.000			24
PG&E, Malin	IGBD021		+0.350	3.100-3.330	3.175-3.290		36
Stanfield, Ore.	IGBCM21			3.100-3.265	3.160-3.240	83	18
TCPL Alberta, AECO-C*	IGBCU21			1.870-2.000			94
Westcoast, station 2*	IGBCZ21			1.450-1.480			4
White River Hub	IGBGL21			2.300-2.470			68
Rockies/Northwest regional average	IGIAA00	2.575					
Southwest							
El Paso, Bondad	IGBCG21	2.435	+0.280	2.350-2.540	2.390-2.485	144	36
El Paso, Permian	IGBAB21		+0.315	1.440-2.100	1.440-1.765		169
El Paso, San Juan	IGBCH21			2.400-2.550			54
El Paso, South Mainline	IGBFR21			2.750-2.900			28
El Paso, West Texas	IGBRT21			1.440-1.700			137
Kern River, delivered	IGBES21	2.885	+0.230	2.840-2.950	2.860-2.915	357	73
PG&E city-gate	IGBEB21	4.110	+0.110	4.050-4.200	4.075-4.150	755	168
PG&E, South	IGBDM21	2.840	+0.340	2.700-2.950	2.780-2.905		70
SoCal Gas	IGBDL21	2.820	+0.315	2.700-2.955	2.755-2.885	265	78
SoCal Gas, city-gate	IGBGG21	2.965	+0.200	2.950-3.050	2.950-2.990	268	62
Transwestern, Permian	IGBAE21			1.550-1.900	1.550-1.725	82	17
Transwestern, San Juan	IGBGK21	2.475	+0.300	2.450-2.550	2.450-2.500	85	18
Waha Southwest regional average	IGBAD21 IGJAA00		+0.300	1.500-2.100	1.500-1.755	1833	289

*Price in C\$ per gj; C\$1=US\$0.7146; **Assessed price; Volume in 000 MMBtu/day. Symbols represent gas flow date.

November 20, 2024

"The competition [in West Texas] was that intense to get any molecule you could onto the interstate transmission systems... I hope we don't get to that point," Kringstad said of Waha pricing. "I hope that some of the projects in the works to address this come on in time."

Platts-assessed Waha Hub gas price



Bakken gas

Kringstad has spoken at length about the necessity of adding transportation capacity to move growing volumes of gas out of the Bakken Shale. North Dakota-Bakken dry gas production is averaging 2.52 Bcf/d year to date, up about 150 MMcf/d over the same period in 2023, Commodity Insights data showed. Total Bakken production, which mostly comes from North Dakota, is expected to continue growing and to exceed 3 Bcf/d in 2028.

Overall, Williston Basin producers' share of capacity on the

Northern Border Pipeline system sits at around 80%-85%, but as that share begins to rise closer to 90%, the pipeline becomes "very congested" as Canadian producers maintain around 10% of the system's capacity, Kringstad said.

"Physically, could North Dakota take 100% of the market share on this system? Theoretically, yes. It's going to be intense competition to do that," Kringstad said.

In the near term, the region is adding some incremental capacity by way of WBI Energy's Wahpeton Expansion Project, which consists of nearly 21 MMcf/d of new pipeline capacity in southeastern North Dakota. The project is expected to enter service in December.

— Jeremy Beaman

DT Midstream eyes rising Midwest power demand with natural gas pipeline acquisitions

- Demand to rise with coal retirements, data centers
- DT pipelines connect Appalachia to Midwest

DT Midstream executives said Nov. 20 they see expansion opportunities on their newly acquired natural gas pipelines in the Midwest, driven by rising power demand in the region.

The company agreed Nov. 19 to acquire three interstate gas pipelines from Oneok for \$1.2 billion: Guardian Pipeline, Midwestern Gas Transmission and Viking Gas Transmission.

"These assets are located in attractive market regions, where there is strong heating demand and forecasted power demand

