U.S. DEPARTMENT OF ENERGY | Office of Cybersecurity, Energy Security, and Emergency Response

Tropical Storm Isaias | Update #1

REPORT TIME & DATE:	9:00 AM EDT | Wednesday, August 05, 2020
REPORT DISTRIBUTION:	Public

EXECUTIVE SUMMARY

Tropical Storm Isaias caused significant power outages across the East Coast, from North Carolina to Maine, on August 4, 2020. Damage assessments and restoration efforts are underway throughout the region. Mutual Assistance and contract crews are supporting the restorations. Significant restoration progress has been made in the areas initially impacted by Isaias, including North Carolina, Virginia, Maryland, and Delaware.

Electricity Sector Summary

- As of 7:30 AM EDT on August 5, there were approximately 3.1 million customer power outages along the East Coast related to Isaias. Restoration efforts are underway across the affected area. Fluctuation in the outage numbers is expected and normal during large-scale restoration efforts.
- Select outages by state, as of 7:30 AM EDT (*full list below):*
  - New Jersey: 991,762 customer outages, down from a peak of 1,391,308
  - New York: 769,857 customer outages, down from a peak of 843,857
  - Connecticut: 701,579 customer outages
  - Pennsylvania: 164,763 customer outages, down from a peak of 358,898
  - Massachusetts: 141,096 customer outages, down from a peak of 235,184

Oil & Natural Gas Sector Summary

- Ports are closed in the Northeast as the storm moves through the area. Ports have begun reopening in the Southeast. Florida ports have reopened to all traffic.
- Petroleum product terminals and other infrastructure across the East Coast may be impacted by power outages.
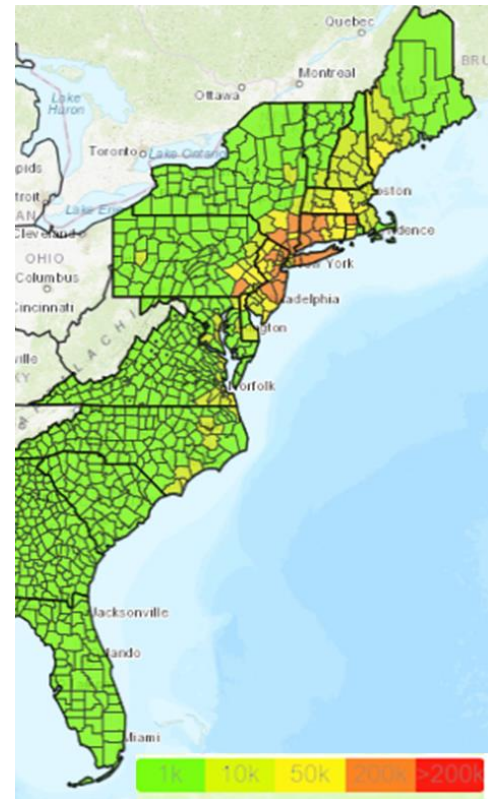
ELECTRICITY SECTOR

POWER OUTAGES

- As of 7:30 AM EDT on August 5, there were 3,156,901 outages along the East Coast related to Isaias. Fluctuation in the outage numbers are expected and normal during large-scale restoration efforts.
- Restoration efforts and damage assessments are underway in states affected by Isaias. Global estimates of restoration time are not yet available, although some utilities are reporting that complete restoration could take several days.

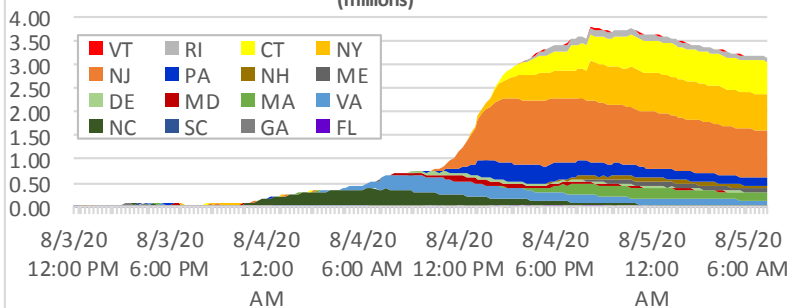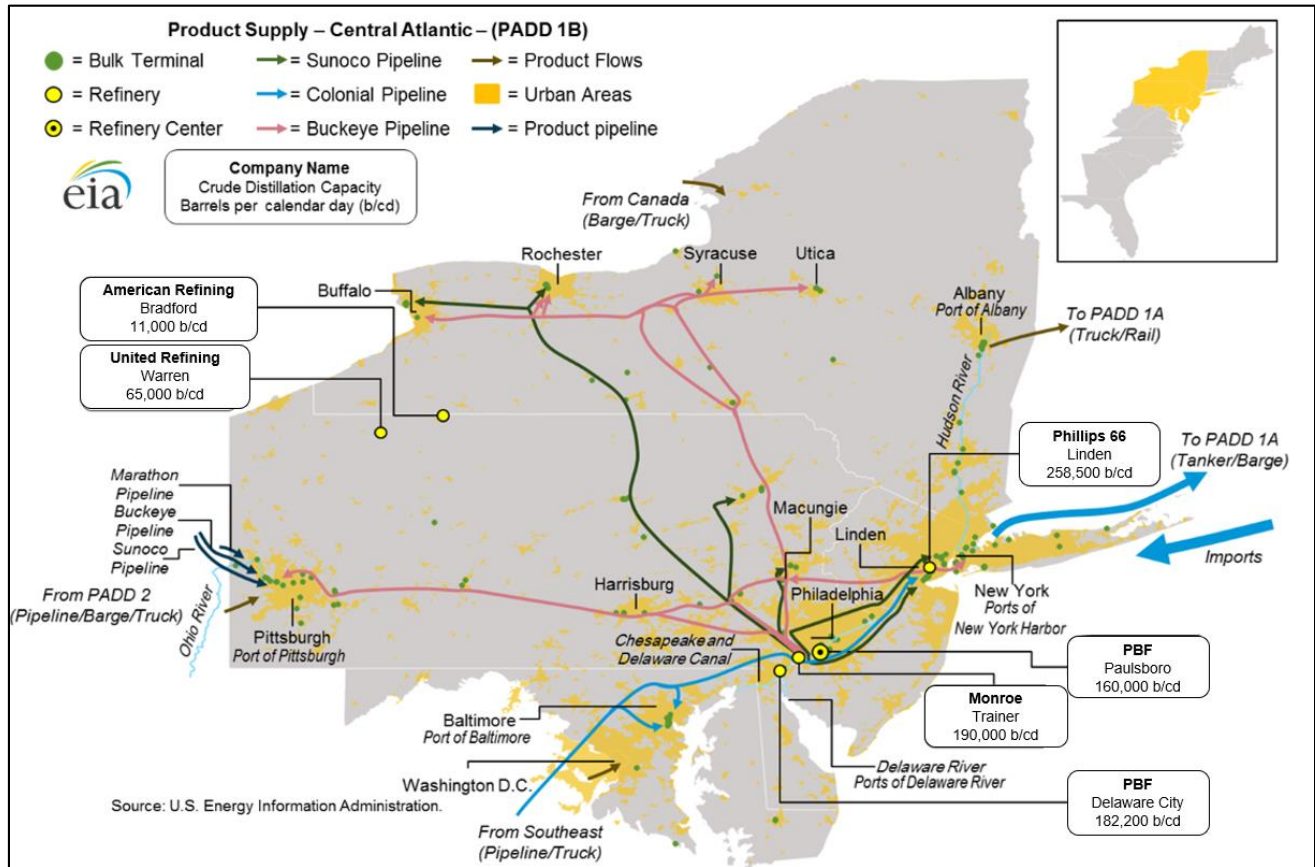| Isaias Customer Power Outages as of 7:30 AM EDT 08/05/2020				Outage Map
State	**Current Outages**	**% of State Without Power**	**Peak Storm Outages**	
Maine	74,007	9.5%	92,714	
New Hampshire	54,681	7.6%	94,383	
Vermont	4,226	1.2%	21,840	
Massachusetts	141,096	4.6%	235,184	
Rhode Island	89,808	18%	143,761	
Connecticut	701,519	44.2%	701,519	
New York	769,857	9.5%	843,857	
Pennsylvania	164,763	2.8%	385,898	
New Jersey	991,762	24.6%	1,391,308	
Delaware	13,297	3.2%	61,367	
Maryland	14,298	<1%	115,431	
Virginia	95,337	2.5%	357,399	
Washington D.C.	0	0%	636	
North Carolina	41,015	<1%	366,237	
South Carolina	225	<1%	20,141	
Georgia	274	<1%	51,172	
Florida	736	<1%	33,021	
Total	**3,156,901**			

Source: 7:30 AM EDT 08/05/20

Isaias Customer Outages by State (millions)
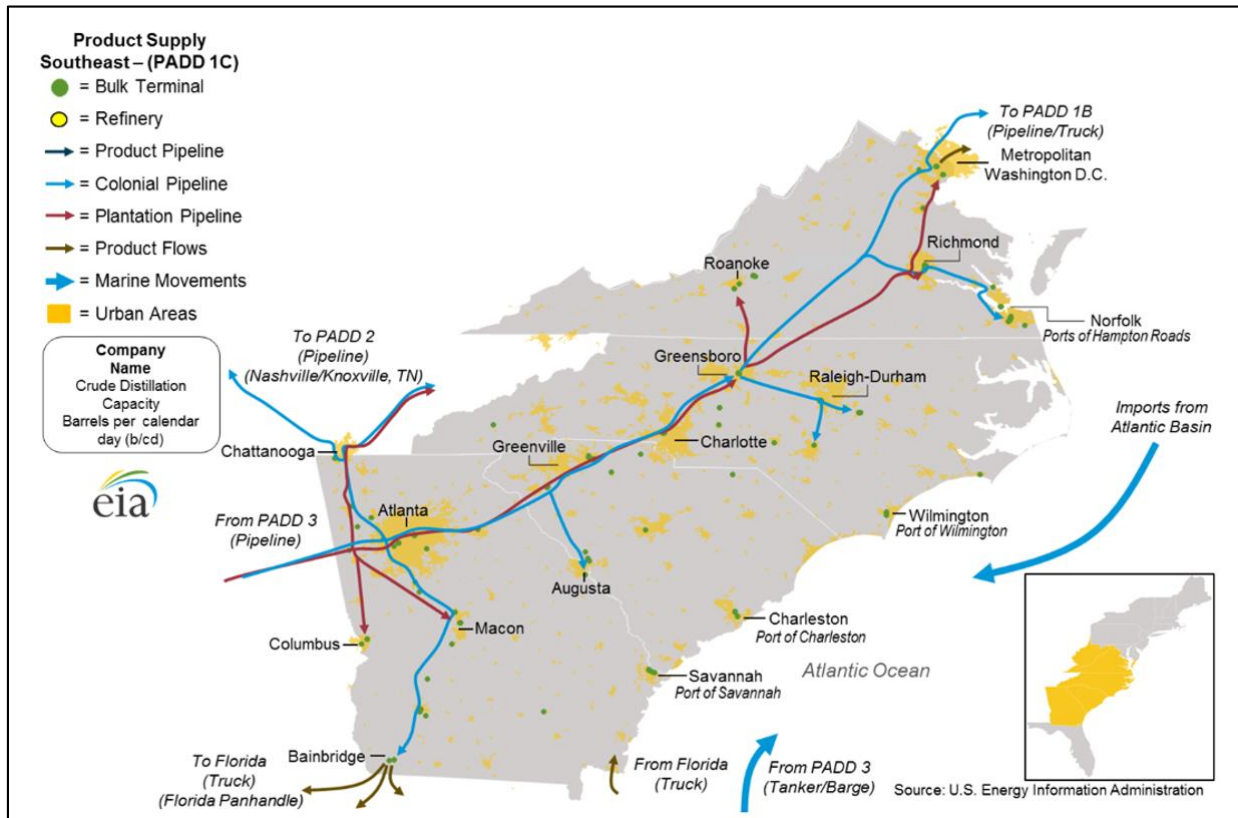
PETROLEUM SECTOR

Central Atlantic Region (PADD 1B)

Transportation fuels used in the Central Atlantic Region (Maryland, Delaware, Pennsylvania, New York, and New Jersey) are mainly produced at in-region refineries clustered in the greater Philadelphia area and New York Harbor or produced in Gulf Coast states and transported north via the Colonial pipeline system. Marine imports from domestic and international markets also bring products into Baltimore, Delaware River, and New York Harbor ports for distribution to the region.

Southeast Region (PADD 1C)

The vast majority of transportation fuels used in Georgia, South Carolina, North Carolina, and Virginia are produced in Gulf Coast states and transported north via the Colonial and Plantation pipeline systems. Colonial and Plantation pipelines have a high degree of interconnection in this region, and both lines have significant breakout storage in Greensboro, NC. Greensboro is the termination point for Colonial's mainline Lines 1 and 2 and for Plantation's parallel mainlines. Plantation's extension line from Greensboro terminates in northern Virginia, while Colonial Pipeline (Lines 3 and 4) continues on to the Mid-Atlantic states. Marine imports from domestic and international markets also bring product into Savannah, Charleston, Wilmington, and Hampton Roads ports for distribution to the region.

PORTS

- The U.S. Coast Guard has set the following conditions for East Coast ports in preparation for Isaias. Listed in the table are select ports that receive petroleum products.

Status of East Coast Ports *as of 8:00 AM EDT 08/05/20*				
Port Sector	**Port**	**2018 Inbound Volumes (b/d)***	**Status**	**Date Stamp**
Northern New England	Portland, ME	67,000	Open. Port Status X-Ray.	8/3
	Searsport, ME	16,000	Open. Port Status X-Ray.	8/3
	Portsmouth, NH	21,000	Open. Port Status X-Ray.	8/3
	Highgate Springs, VT	13,000	Open. Port Status X-Ray.	8/3
	Champlain, NY	9,000	Open. Port Status X-Ray.	8/3
Southeastern New England	Providence, RI	102,000	Open. Port Status Whiskey.	8/2
New York	Albany, NY	74,000	Open. Port Status modified X-Ray.	8/3
	New York, NY	43,000	Open. Port Status modified X-Ray.	8/3
	Newark, NJ	315,000	Open. Port Status modified X-Ray.	8/3
	Perth Amboy, NJ	56,000	Open. Port Status modified X-Ray.	8/3
Delaware Bay	Chester/ Marcus Hook, PA	13,000	Open.	8/4
	Paulsboro, NJ	18,000	Open.	8/4
	Philadelphia, PA	23,000	Open.	8/4
	Wilmington, DE	10,000	Open.	8/4
Maryland-NCR	Baltimore	16,000	Open.	8/4
Hampton Roads	Norfolk, VA	4,000	Open.	8/4
North Carolina	Wilmington, NC	3,000	Open, restricted to daylight transit only.	8/4
Charleston	Charleston, SC	25,000	Open.	8/4

*Transportation fuels (gasoline, distillate, jet fuel) and propane volumes only.
Source: U.S. Coast Guard Homeport, U.S. Army Corp of Engineers, EIA Company Level Imports

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PETROLEUM PIPELINES AND TERMINALS
- Petroleum product terminals and other infrastructure across the East Coast may be impacted by power outages.

FUEL INVENTORIES
- According to the Energy Information Administration (EIA), for the week ending on July 24, gasoline and distillate stocks exceed the 5-year seasonal average across the East Coast.

East Coast Fuel Inventories *as of July 24, 2020*				
Region	**Gasoline (MMbbl)**	**Gasoline (Difference from 5-year seasonal average)**	**Distillate (MMbbl)**	**Distillate (Difference from 5-year seasonal average)**
PADD 1A (New England)	4.8	17%	13.0	74%
PADD 1B (Central Atlantic)	34.3	8%	38.4	32%
PADD 1C (Lower Atlantic)	28.9	5%	14.9	18%
Total PADD 1	**68.0**	**7%**	**66.2**	**35%**

- EIA reports the East Coast Region (all of PADD 1) had 8.7 million barrels of total jet fuel stocks for the week ending on July 24. This is 19% lower than the 5-year average for this time of year. Jet fuel stocks are not broken out by sub-PADD region.

EMERGENCY DECLARATIONS & WAIVERS

EMERGENCY DECLARATIONS

To provide vital supplies and transportation services to a disaster area in the United States, emergency declarations may be issued by the President, Governors of States, or Federal Motor Carrier Safety Administration (FMCSA). These declarations trigger the temporary suspension of certain Federal safety regulations, including Hours of Service, for motor carriers and drivers engaged in specific aspects of the emergency relief effort. See 49 CFR 390.23 for the actual emergency regulation.

State/Territory	Details	Effective Dates		Status
		Start	**End**	
Delaware	State of Emergency in Delaware	8/5	Until rescinded	Active
Florida	Presidential Declaration of Emergency	8/1	Until rescinded	Active
Florida	State of Emergency for Coastal Counties from Miami-Dade to Nassau	7/31	Until rescinded	Active
New Jersey	State of Emergency in New Jersey	8/4	Until rescinded	Active
North Carolina	State of Emergency in North Carolina	7/31	Until rescinded	Active
North Carolina	Presidential Declaration of Emergency	8/2	Until rescinded	Active
Virginia	State of Emergency in Virginia	7/31	Until rescinded	Active
South Carolina	Suspension of Transportation-Related Regulations	8/1	8/31	Active

Emergency Declarations and HOS Waivers as of 8:00 AM EDT 08/05/20

Sources: State and Federal government websites

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