



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday Evening, January 24, 2017

Electricity

Update: Approximately 7,000 Customers Remain without Power as Winter Storm Continues to Impact Northeast U.S. January 23 – 24

On Tuesday, a winter storm continued bringing snow, sleet, rain, and strong winds to the Northeast United States. Storm conditions, which began impacting the region Monday, are expected to persist through Wednesday morning. Periods of rain with gusty winds are forecast for coastal sections of the Northeast through Tuesday night, while snow and sleet is expected across interior portions of the region through Wednesday morning. As of 3:45 p.m. EST, 6,850 customers remained without power across the Northeast. PECO, which reported a peak of 27,318 customer outages on Monday, had restored power to the majority of its southeastern Pennsylvania service territory by Tuesday morning. Jersey Central Power & Light (JCP&L) in New Jersey said it had personnel assistance from other FirstEnergy utilities and expected to restore the remaining outages in its service territory by late Tuesday. National Grid said it began tracking the storm on Monday and had positioned crews in Upstate New York, Massachusetts, and Rhode Island to respond to outages. The table below shows utilities that experienced peak outages greater than 5,000 customers and the latest reported outages by utility. The “Peak” column shows the highest number of customers reported without power by each utility over the course of the storm.

Northeast Customer Power Outages January 23 – January 24			
Electric Utility	State	Peak	Latest Reported
Eversource	CT	11,108	2,244
Central Maine Power	ME	6,171	194
National Grid	MA	12,199	73
Eversource	NH	9,322	106
Atlantic City Electric	NJ	17,423	222
Jersey Central Power & Light	NJ	17,613	165
National Grid	NY	7,937	2,700
PSEG Long Island	NY	6,232	551
PECO	PA	27,318	595
TOTAL *			6,850

*Total outages represent only electric utilities listed in this table.

Sources:

<https://eagle-i.doe.gov/Analytics/Reports/Reports.aspx>

https://www.firstenergycorp.com/newsroom/news_releases/media-advisory---jcp-l-storm-restoration-work-continues0.html

<http://www.wpc.ncep.noaa.gov/discussions/hpcdiscussions.php?disc=pmdspd>

<https://twitter.com/DebDrew0528/status/823729520775692288>

<https://twitter.com/stellapds/status/823658524160856064>

Exelon Shuts Its 1,111 MW La Salle Nuclear Unit 2 in Illinois Due to a Turbine Bypass Valve Opening January 23

On Monday, with Unit 2 operating at 99-percent power, operators initiated a manual scram in response to a stator water cooling runback signal and a turbine bypass valve opening, according to a filing with the U.S. Nuclear Regulatory Commission. The plant is currently stable; reactor pressure is being maintained with bypass valves and the reactor's water level is being controlled with feedwater. Investigation into the cause of the event is in progress, the filing said.

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2017/20170124en.html>

Exelon's 1,116 MW Peach Bottom Nuclear Unit 2 in Pennsylvania Reduced to 90 Percent by January 24

On the morning of January 23, the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

Southern's 856 MW Hatch Nuclear Unit 1 in Georgia Reduced to 38 Percent by January 24

On the morning of January 23, the unit was operating at 60 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

Update: PG&E's 102 MW Electra Aggregate Hydro Unit 1–2 in California Returns to Service by January 23

The unit returned from an unplanned outage that began by January 22.

<http://content.aiso.com/unitstatus/data/unitstatus201701231515.html>

<http://content.aiso.com/unitstatus/data/unitstatus201701221515.html>

SCE's 200 MW Eastwood Hydro Unit in California Shut by January 23

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201701231515.html>

Petroleum

Trump Signs Orders to Advance Keystone XL, Dakota Access Crude Oil Pipeline Projects January 24

U.S. President Donald Trump signed two executive orders on Tuesday to advance construction of the controversial Keystone XL and Dakota Access crude oil pipeline projects. The move comes less than a week after the U.S. Army Corp of Engineers initiated the process for conducting an Environmental Impact Statement on the proposed river crossing route for Energy Transfer Partners' 570,000 b/d Dakota Access project in North Dakota, and it remains unclear whether Trump's order supersedes the Corps' authority. The Dakota Access project would ship crude oil from North Dakota's Bakken region to a supply and logistics hub in Patoka, Illinois, providing further access to Gulf Coast refinery markets. TransCanada Corp's 830,000 b/d Keystone XL project, which would run from the Alberta oil sands region to a TransCanada hub in Steele City, Nebraska, was rejected by the Obama administration in 2015 after environmentalists campaigned against the project for more than seven years. Following the order, TransCanada said it would resubmit a project permitting application to the U.S. State Department, which has 60 days to review and issue a decision.

Reuters, 13:05 January 24, 2017

<https://www.whitehouse.gov/the-press-office/2017/01/24/executive-order-expediting-environmental-reviews-and-approvals-high>

<http://www.keystone-xl.com/wp-content/uploads/2013/09/Keystone-XL-Pipeline-Factsheet.pdf>

<https://daplpipelinefacts.com/>

ExxonMobil Confirms Flaring at Its 238,600 b/d Joliet, Illinois Refinery January 23

ExxonMobil confirmed a brief flaring event on Monday night at its Joliet, Illinois refinery, according to a filing with the Illinois Emergency Management Agency.

Reuters, 06:48 January 24, 2017

ExxonMobil Reports Analyzer Malfunction at Its 560,500 Baytown, Texas Refinery January 20

ExxonMobil reported that it has repaired an analyzer that malfunctioned at its Baytown, Texas refinery during severe weather last Friday, according to a filing with the Texas Commission on Environmental Quality. The refinery had previously reported a boiler trip and compressor snag caused by severe weather that day, as well.

Reuters, 20:14 January 23, 2017

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=250985>

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=250877>

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=250878>

Tesoro Says Unplanned Work at Its 256,830 b/d Carson, California Refinery January 23 Won't Affect Supply Commitments

Tesoro Corp. on Monday said unplanned maintenance was underway at its Carson, California refinery, but the company does not anticipate any impact on its supply commitments.

Reuters, 13:11 January 23, 2017

Magellan, Plains All American to Expand BridgeTex Pipeline by 100,000 b/d in Texas

Magellan Midstream Partners, L.P. and Plains All American Pipeline, L.P. on Tuesday said the companies were expanding their jointly-owned, 300,000 b/d BridgeTex pipeline system in Texas to approximately 400,000 b/d, which will be available to shippers in the second quarter of 2017. The 20-inch BridgeTex pipeline system currently transports Permian Basin crude oil from Colorado City, Texas to the Houston Gulf Coast area.

<http://www.magellanlp.com/magellannewsp.aspx?id=CACADE52-C943-4BD1-9951-EE7A85A51488>

Crews Continue Searching for Source of 1,400 Barrel Crude Oil Leak in Saskatchewan January 24

Oil spill remediation efforts at an aboriginal reserve in western Canada continued on Tuesday as crews prepared to excavate the site to determine the source of the leak, the provincial government of Saskatchewan said on Tuesday. Saskatchewan's provincial government was notified of a leak of about 200,000 liters of crude oil (or just under 1,400 barrels of crude oil) last Friday at a site 10 kilometers north of Stoughton. About 170,000 liters had been recovered by Tuesday and crews were preparing to begin excavating the area on Wednesday. Tundra Energy Marketing Inc., which operates a pipeline adjacent in the area, is leading cleanup efforts, but has not publicly confirmed its pipeline is the source of the leak. Crescent Point Energy Corp said it also has assets in the area that collect crude from its southeast Saskatchewan production, but they are not responsible for the leak.

Reuters, 12:57 January 24, 2017

http://www.huffingtonpost.ca/2017/01/23/saskatchewan-oil-spill_n_14350146.html

<http://globalnews.ca/news/3200192/pipeline-spills-oil-on-first-nations-land-in-southeast-sask/>

Natural Gas

SoCalGas Withdrawing Emergency Gas Supply from Its Shuttered Aliso Canyon Storage Facility January 24 to Address High Demand Due to Cold Weather

Southern California Gas (SoCalGas) said it began withdrawing natural gas from its Aliso Canyon storage facility on Tuesday to address increased system demand due to current weather conditions, adding that the withdrawal was being executed in accordance with the Aliso Canyon Winter Withdrawal Protocol established by the California Public Utilities Commission. Meanwhile, the utility continued to urge customers to reduce natural gas use on Tuesday in order to mitigate the risk of natural gas and electricity shortages as cold weather impacts its Southern California service territory. Gas demand on Tuesday was expected to reach 4.0 Bcf, with 3.0 Bcf coming from pipeline imports and 1.0 Bcf from storage. Demands on Wednesday and Thursday were expected to reach 4.1 Bcf and 4.2 Bcf, respectively.

<http://bit.ly/2kolfye>

Reuters, 13:03 January 24, 2017

Reuters, 08:23 January 24, 2017

Update: Destin Pipeline to Offer Limited Alternate Transportation for Service to Enterprise's 1.5 Bcf/d Pascagoula Gas Plant Beginning January 26

Destin Pipeline Co. said beginning gas day January 26, it will offer limited alternate transportation service to the Williams MP 261JP delivery point until further notice. The company said the first 90 MMcf/d of gas received from the MC254 location (Delta House) will be transported to Enterprise's 1.5 Bcf/d Pascagoula Gas Plant, while all gas volumes in excess of 90 MMcf/d are required to be delivered to the Williams MP 261JP facility. Destin began offering limited transportation services to the Pascagoula plant beginning gas day December 17, however; its offshore transportation system will remain in a state of force majeure until operations at the plant return to normal. The 225-mile Destin gas pipeline system can carry 1.2 Bcf/d from offshore producers to the Pascagoula plant, and then further north to interconnections with six major interstate gas transmission lines. The Pascagoula facility was shut on June 27 after two explosions damaged its processing trains, forced Destin to declare a force majeure event, and resulted in temporary offshore production platform shut-ins while operators adjusted transportation arrangements.

Reuters, 13:09 January 24, 2017

Other News

Nothing to report.

International News

Russia Surpasses Saudi Arabia as China's Top Crude Oil Supplier in 2016

Russia overtook Saudi Arabia in 2016 to become China's biggest crude oil supplier for the first year ever, customs data showed on Monday. Russian shipments averaged 1.05 million b/d, with Saudi Arabia coming in a close second at 1.02 million b/d. China is the world's second-largest oil buyer and the fastest-growing major importer.

http://www.downstreamtoday.com/news/article.aspx?a_id=55040

Energy Prices

U.S. Oil and Gas Prices January 24, 2017			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	52.35	52.40	32.02
NATURAL GAS Henry Hub \$/Million Btu	3.15	3.36	2.20

Source: Reuters

Links

This Week in Petroleum from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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