



ENERGY ASSURANCE DAILY

Monday Evening, July 25, 2016

Electricity

Storm Cuts Power to Nearly 83,500 Customers in New Hampshire on July 23

Thunderstorms in New Hampshire brought high winds that topped trees, bringing down power lines, and knocking out power to 83,400 customers on Saturday. Utilities estimated Sunday that some customers may not have their power restored until Monday. As of 3:30 p.m. EDT Monday, utilities reported just 8 customers remained without power. The table below shows total affected customers and the latest reported outages by utility. The “Affected” column shows the total count of customers that lost power at one point or another over the course of the storm for each utility. These outages may not have occurred concurrently and are not the same as peak outages.

New Hampshire Customer Power Outages			
July 23–25			
Electric Utility	State	Affected	Latest Reported
Eversource	NH	61,000	6
Unitil	NH	12,500	0
New Hampshire Electric Cooperative	NH	9,500	2
Liberty Utilities	NH	400	0
TOTAL*		83,400	8

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

Sources:

- <https://www.boston.com/2016/07/24/14000-still-without-power-new-hampshire-storm-topples-trees>
- <http://www.unionleader.com/weather/eversource-restores-power-to-51100-customers-about-9900-remain-20160724#sthash.VVXEXYUp.dpuf>
- <http://www.seacoastonline.com/news/20160725/power-outages-linger-after-storm-topples-trees>
- <https://www.eversource.com/psnh/outage/outagemap.aspx>
- <http://unitil.com/outage-center/electric-outage-map>
- <https://ebill.nhec.com/woViewer/mapviewer.html?config=Outage+Web+Map>
- <https://libertyutilities.com/commercial/emergencies/electrical/outages-map.html>

Storms Cut Power to 26,000 UPPCO Customers in Michigan July 21

Early morning thunderstorms that brought high winds and lightning to many parts of Upper Peninsula Power Company’s (UPPCO) service territory resulted in outages impacting many UPPCO customers last Thursday, reports said. Approximately 26,000 customers were without power at peak that day, with the largest majority being impacted in the Western Upper Peninsula. Trees and limbs on lines due to the high winds impacted three American Transmission Co. lines, causing outages to UPPCO customers in the Western Upper Peninsula. UPPCO estimated it would restore all power by the following day.

- <http://www.uppermichiganssource.com/content/news/Thousands-without-power-after-morning-storms-387853292.html>

Substation Fire Cuts Power to 14,000 Duke Energy Customers in North Carolina July 24

Reports do not indicate what caused the fire, which broke out Saturday night at a substation in Winston-Salem and caused 14,000 customers to lose power. On Monday morning, 6,100 customers remained without power in Forsyth County. As of 3:30 p.m. EDT Monday, 113 customers remained without power.

- <http://myfox8.com/2016/07/24/crews-on-scene-of-fire-in-winston-salem/>
- <http://outagemap.duke-energy.com/ncsc/default.html>

New York Power Demand to Reach 2016 High During Heat Wave July 25 – NYISO

Demand for power in New York on Monday will top Friday's high for 2016 as consumers crank up their air conditioners to escape a heat wave. The New York Independent System Operator (ISO), which operates the state's power grid, forecast demand would reach about 32,400 MW on Monday, topping the high for the year of 31,187 MW set on July 22. That, however, is still well below the ISO's all-time high of 33,956 MW, set in July 2013. Consolidated Edison Inc. reported that other than some local outages related to equipment failures in parts of the city, the company was not having problems meeting demand, a spokesman said. Over the weekend, Con Ed called on customers in a few neighborhoods in Manhattan, the Bronx, and Staten Island to conserve energy. The company also reduced the voltage in those neighborhoods to protect the system and maintain service as crews repair equipment problems. Con Ed fixed those weekend equipment problems by Monday morning, the spokesman said. Some electric service providers on Monday asked customers that signed up for demand response programs to turn off unnecessary lighting and other electronic devices and raise the thermostat on their air conditioners, among other things.

Reuters, 12:12 July 25, 2016

<http://finance.yahoo.com/news/con-edison-urges-less-energy-231915066.html>

<http://www.coned.com/newsroom/>

Update: PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey Reduced to 14 Percent by July 25

The unit was ramping up to begin the weekend, starting at 28 percent Friday, increasing to 45 percent Saturday and 60 percent Sunday, before reducing to 14 percent Monday. This follows a shutdown in June and periods of reduced output since then. The unit shut on June 28 when an electrical short caused the main generator protection signal to activate and automatically trip the main turbine. The short occurred because water entered a duct system that runs between the generator and main power transformer. The reactor connected to the grid July 3 and reached 82% capacity early in the afternoon of July 4. But a power reduction began following the control room receiving the intermittent alarm, and the turbine and generator were taken offline later on July 4. The unit restarted and connected to the grid July 11 and had been holding at reduced output.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Update: Energy Northwest's 1,107 MW Columbia Generating Station Nuclear Unit in Washington at Full Power by July 23

On the morning of July 22 the unit was operating at 84 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

Update: Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi at Full Power by July 25

The unit returned from an outage that began June 25 due to a turbine trip. Operators restarted the unit by July 21.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

BHE Renewables' 310 MW Solar Star Unit 1 in California Returns to Service by July 24

The unit returned from an unplanned curtailment of 159 MW that began by July 21.

<http://content.caiso.com/unitstatus/data/unitstatus201607241515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201607211515.html>

Update: BHE Renewables' 276 MW Solar Star Unit 2 in California Returns to Service by July 22

The unit returned from an unplanned outage that began by July 21.

<http://content.caiso.com/unitstatus/data/unitstatus201607221515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201607211515.html>

Alta Wind's 150 MW Alta Wind 1 Unit in California Returns to Service by July 23

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

<http://content.caiso.com/unitstatus/data/unitstatus201607231515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201607221515.html>

AES's 506 MW Redondo Gas-fired Unit 7 in California Returns to Service by July 23

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

<http://content.caiso.com/unitstatus/data/unitstatus201607231515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201607221515.html>

AES's 336 MW Alamos Gas-fired Unit 4 in California Reduced by July 23

The unit entered an unplanned curtailment of 233 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201607231515.html>

RRI Energy's 741 MW Ormond Beach Gas-fired Unit 1 in California Shut by July 23

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201607231515.html>

RRI Energy's 775 MW Ormond Beach Gas-fired Unit 2 in California Returns to Service July 22; Reduced by July 23

On Friday, the unit returned from an unplanned outage that began by July 21. On Saturday, the unit entered an unplanned curtailment of 125 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201607221515.html>

<http://content.aiso.com/unitstatus/data/unitstatus201607231515.html>

Mountainview Power Company's 525 MW Mountainview Gas-fired Unit 4 in California Reduced by July 23

The unit entered an unplanned curtailment of 285 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201607231515.html>

Petroleum

Suncor Reports No Impact to Operations after Shutting a Leaking Diluent Pipeline at Fort McMurray, Alberta Base Plant July 22

Suncor Energy Inc. said on Friday it shut a pipeline at its oil sands base plant near Fort McMurray, Alberta after a leak of 20 cubic meters of diluent, and it was working to bring the pipeline back online. Suncor said it responded to the leak after it received a "notification from its leak detection system" at about 3:00 a.m. local time Friday, and that it is working to repair the pipeline and bring it back into service as quickly as possible. The Alberta Energy Regulator also responded to the incident. The pipeline is used for transporting diluent from Suncor's base plant to its Firebag plant for blending with bitumen at its Firebag plant, the regulator said, adding that the cause of the leak remains unknown. There has been no impact to operations as a result of this incident, Suncor said.

Reuters, 20:27 July 22, 2016

Process Unit Upset Leads to SO₂ Emissions at Citgo's 167,000 b/d Lemont, Illinois Refinery July 21

Citgo Petroleum Corp. reported a process unit upset at its Lemont refinery Thursday led to sulfur dioxide (SO₂) emissions. Operators reported no impact to production.

Reuters, 18:09 July 22, 2016

Petrobras Reports Weather-related Unit Upsets at Its 100,000 b/d Pasadena, Texas Refinery July 25

Petrobras reported unit upsets at its Pasadena refinery were due to weather and would cause visible flaring, according to a filing with the community alerting network.

Reuters, 16:30 July 25, 2016

Sinclair Reports Normal Operations at Its 25,000 b/d Casper, Wyoming Refinery after Gas Line Leak July 21

Sinclair Oil Corp. reported a vapor leak from an abandoned gas line at its Casper refinery Thursday has been halted and did not impact refining operations, local media reported. The incident occurred when workers were excavating on the refinery property, the report said. Entry to the refinery was restricted as the company's emergency unit responded to the incident, it added.

Reuters, 14:04 July 22, 2016

Reuters, 14:23 July 22, 2016

U.S. Oil Drillers Add Rigs for Fourth Straight Week – Baker Hughes

U.S. drillers this week added oil rigs for a fourth consecutive week, according to a report on Friday. Drillers added 14 oil rigs in the week to July 22, bringing the total rig count up to 371, compared with 659 a year ago, energy services firm Baker Hughes Inc. said. That is the biggest weekly increase since December. The increase is expected to soften the decline in domestic crude production. Most of the new rigs were in the Permian shale basin in west Texas, where drillers added eight, bringing the total count up to a five-month high of 168.

Reuters, 13:33 July 22, 2016

Total Reports 8-inch Naphtha Pipeline Leak at Its 232,000 b/d Port Arthur, Texas Refinery July 23

Total SA reported a leak on an 8-inch naphtha product pipeline at its Port Arthur refinery Saturday was due to corrosion, according to a filing with the Texas Commission on Environmental Quality. The pipeline was isolated and no product reached the state waters of Texas, the filing said.

Reuters, 22:28 July 24, 2016

<http://www2.tceq.texas.gov/oce/eeer/index.cfm?fuseaction=main.getDetails&target=239533>

Motiva Restarting FCCU at Its 237,700 b/d Norco, Louisiana Refinery July 25 after Shutting Unit for Repairs July 21 – Sources

Motiva Enterprises' Norco refinery was restarting the fluid catalytic cracking unit (FCCU) on Monday, sources familiar with plant operations said. The 112,000 b/d FCCU was shut on Thursday for unplanned repairs, the sources said.

Reuters, 09:56 July 25, 2016

Update: Magellan Sees 30,000 b/d Products Pipeline in Kansas Back Online by End of July

Magellan Midstream Partners expects its 8-inch refined products pipeline, which runs from Coffeyville to Kansas City, to safely return to service before the end of July, a spokesman said by email on Monday. The company said on June 10 that it expected repairs on the pipeline to take several weeks. Magellan on June 7 said it suspended service on the 30,000 b/d pipeline, which originates in Coffeyville, Kansas, after heavy rainfall caused erosion and exposed a segment of the pipeline. CVR Refining LP said in early June that it was operating its 115,000 b/d Coffeyville refinery at reduced rates due to the pipeline outage and that temporary measures had been implemented by Magellan to allow the refinery to partially increase rates.

Reuters, 13:44 July 25, 2016

Natural Gas

Constitution Seeks 24-month Extension to Build 30-inch Natural Gas Pipeline from Pennsylvania to New York – FERC

Constitution Pipeline Co LLC on Friday made an appeal to the Federal Energy Regulatory Commission (FERC) for an extension of time to construct its 124-mile, 30-inch interstate natural gas pipeline from Susquehanna County, Pennsylvania to Schoharie County, New York, according to a statement from FERC. The project has been delayed because the New York State Department of Environmental Conservation (NYSDEC) on April 22 refused a needed water quality certification under Section 401 of the Clean Water Act, the company said. FERC's approval had required completion of the extension by December 2016. Constitution has requested an extension of 24 months, until December 2, 2018.

Reuters, 18:49 July 22, 2016

Regency Reports Emissions at Its 290 MMcf/d Waha Gas Plant in Texas July 24

Operators reported a power breaker trip caused emissions at the gas plant Sunday, according to a filing with the Texas Commission on Environmental Quality.

<http://www2.tceq.texas.gov/oce/eeer/index.cfm?fuseaction=main.getDetails&target=239536>

West Texas Gas Reports Flaring at Its 12 MMcf/d Big Lake Gas Plant in Texas July 23

Operators reported a couple of the site's inlet compressors shut down unexpectedly on Saturday afternoon, resulting in high field gas pressure, which led to flaring, according to a filing with the Texas Commission on Environmental Quality.

<http://www2.tceq.texas.gov/oce/eeer/index.cfm?fuseaction=main.getDetails&target=239531>

Other News

Nothing to report.

International News

Libya Oil Exports Threatened as NOC Warns Against Port Deal

Libya's hopes to boost crude exports have been dealt a blow after the head of the National Oil Corporation (NOC) objected to a deal between the government and local guards to reopen key ports. NOC chairman Mustafa Sanalla said it was a mistake to reward Ibrahim Jathran, head of the Petroleum Facilities Guard (PFG), for a blockade of the oil ports of Ras Lanuf, Es Sider, and Zueitina. The PFG confirmed on Friday that it would implement an agreement with Libya's U.N.-backed Government of National Accord (GNA) to reopen the ports within days. The terms for ending the blockade have not been made public, but an initial payment for salaries for Jathran's men has been agreed, sources familiar with the matter say. Sanalla said the deal included payments that would encourage other groups to disrupt oil operations in the hopes of a similar payout. Sanalla said the NOC would not lift force majeure at export terminals if a payout went through due to the risk that the corporation would face liabilities. Sanalla said that due to attacks from Islamic State militants and other damage, exports from the ports would struggle to surpass 100,000 b/d in the near term, a fraction of their designed capacity.

Reuters, 05:23 July 24, 2016

Energy Prices

U.S. Oil and Gas Prices			
July 25, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	42.37	45.18	48.10
NATURAL GAS Henry Hub \$/Million Btu	2.78	2.67	2.91

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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