



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

ENERGY ASSURANCE DAILY

Monday Evening, November 02, 2015

Electricity

Strong Storms Knock Out Power to Over 91,000 Customers in Texas October 30–31

Heavy rain and damaging winds knocked out power to 91,393 customers in Texas on Friday into Saturday. CenterPoint Energy, the hardest hit utility with 65,400 customer outages, reported extensive damage including high water, downed power poles, and wires. As of 3:30 p.m. EDT Monday, 2,118 customers remained without power.

Texas Customer Power Outages October 30–November 2, 2015			
Electric Utility	State	Peak	Latest Reported
CenterPoint Energy	TX	65,400	1,554
Oncor	TX	12,000	339
Bluebonnet Electric Cooperative	TX	5,650	19
Austin Energy	TX	5,600	202
Pedernales Electric Cooperative	TX	2,743	4
TOTAL*		91,393	2,118

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

Sources:

<https://twitter.com/cnpalerts>

<http://stormcenter.ongor.com/external/default.html>

<https://twitter.com/BluebonnetCoop>

<https://austinenergy.com/outages/>

<https://twitter.com/austinenergy>

http://www.pec.coop/Home/Energy_Services/pec-power-outage-center

<http://www.statesman.com/news/news/local/about-2500-austin-energy-customers-without-power/npCfs/>

http://www.nytimes.com/aponline/2015/10/31/us/ap-us-texas-storms-the-latest.html?_r=0

Exelon's 850 MW Dresden Nuclear Unit 2 in Illinois Shut by November 2

On the morning of November 1 the unit was operating at 89 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Exelon's 1,163 MW Byron Nuclear Unit 1 in Illinois Reduced to 76 Percent by October 31

On the morning of October 30 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Cabrillo Power's 110 MW Encina Gas-fired Unit 3 in California Shut by November 1

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201511011515.html>

Manzana's 189 MW Wind Unit in California Shut by November 1

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201511011515.html>

RRI Energy's 215 MW Mandalay Gas-fired Unit 2 in California Shut by October 31

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201510311515.html>

Update: AES's 175 MW Alamos Gas-fired Unit 2 in California Returns to Service by October 30

The unit returned from an unplanned outage that began on October 28.

<http://content.aiso.com/unitstatus/data/unitstatus201510301515.html>

Update: AES's 332 MW Alamos Gas-fired Unit 3 in California Returns to Service by October 30

The unit returned from an unplanned curtailment of 202 MW that began on October 21.

<http://content.aiso.com/unitstatus/data/unitstatus201510301515.html>

Update: Watson Cogeneration Company's 417 MW Gas-fired Unit in California Returns to Service by October 30

The unit returned from an unplanned curtailment of 227 MW that began on October 28.

<http://content.aiso.com/unitstatus/data/unitstatus201510301515.html>

Entergy to Close Its 813 MW FitzPatrick Nuclear Power Plant in New York by Early 2017

Entergy Corporation announced today that it will close the James A. FitzPatrick nuclear power plant in Scriba, New York, in late 2016 or early 2017. Entergy reported today to the New York Independent System Operator and to the New York State Public Service Commission that it will retire the plant at the end of the current fuel cycle. The company said its decision to close the plant is based on the continued deteriorating economics of the facility. The key drivers cited by the company include significantly reduced plant revenues due to low natural gas prices, a poor market design that fails to properly compensate nuclear generators like FitzPatrick for their benefits, as well as high operational costs.

<http://www.entergynewsroom.com/latest-news/entergy-close-jamesfitzpatrick-nuclear-power-plant-central-new-york/>

Minnesota Power Receives Final Environmental Impact Statement for Its 500 kV Great Northern Transmission Line in Minnesota November 2

Minnesota Power announced today that the U.S. Department of Energy (DOE) and the Minnesota Department of Commerce (DOC) have issued the Final Environmental Impact Statement (FEIS) for the Great Northern Transmission Line (GNTL). The issuance of the FEIS concludes the successful review of the project's environmental impacts under the National Environmental Policy Act and clears the way for a route permit decision by the Minnesota Public Utilities Commission (MPUC) in early 2016. DOE's proposed action is the issuance of a Presidential Permit that would authorize Minnesota Power to construct, operate, and maintain the Great Northern Transmission Line, which would cross the U.S.-Canadian international border. The 500 kV Great Northern Transmission Line will run 220 miles from the border northwest of Roseau, Minnesota, to an expanded Blackberry electric substation east of Grand Rapids, Minnesota, and deliver hydroelectric power purchased from Manitoba Hydro to serve Minnesota Power's customers and the region.

http://www.mnpower.com/Content/Documents/Company/PressReleases/2015/20151102_NewsRelease.pdf

Petroleum

Houston Ship Channel Shut Due to Heavy Rains, High Winds in Texas October 31

Ship pilots called a halt to moving vessels along the Houston Ship Channel for 10 hours from early in the morning until the afternoon on Saturday when heavy rains and high winds made navigation of the 53-mile waterway unsafe, according to the U.S. Coast Guard. Ships were permitted to transit shortly after 3:00 p.m. EDT on Saturday.

Reuters, 21:40 October 31, 2015

Update: Monroe Energy Plans FCCU Restart This Week at Its 185,000 b/d Trainer, Pennsylvania Refinery – Source

Monroe Energy plans to restart a 50,000 b/d fluid catalytic cracking unit (FCCU) at its Trainer, Pennsylvania refinery this week after about three weeks of unexpected repairs, a source familiar with the plant's operations said on Monday. The company, a subsidiary of Delta Airlines Inc., also plans to restart an alkylation unit at the refinery by the end of the week after about three weeks of planned work, the source added. A compressor associated with the FCCU went down in early September and the company moved up planned work on the alkylation unit to coincide with the FCCU outage.

Reuters, 11:57 November 2, 2015

Marathon Shuts Catalytic Reformer after Failed Restart at Its 240,000 b/d Catlettsburg, Kentucky Refinery – Source

Marathon Petroleum Corp shut a catalytic reformer at its Catlettsburg refinery in Kentucky after a failed restart following planned work, a source familiar with plant operations said on Monday. In addition, the company plans to restart its largest crude unit by the end of the week, the source added.

Reuters, 12:56 November 2, 2015

Phillips 66 Experiences Flaring, Unit Upset at Its 336,000 b/d Wood River, Illinois Refinery October 31, November 1 – Source

Phillips 66 on Sunday experienced flaring while switching a coker drum at its Wood River, Illinois refinery, a source familiar with plant operations said on Monday. There was no impact to operations, the source added. Additionally, the refinery had reported a unit upset on Saturday, according to a filing with Illinois Emergency Management Agency over the weekend.

Reuters, 7:59 November 2, 2015

Reuters, 4:55 November 2, 2015

PBF Completes Acquisition of its 189,000 b/d Chalmette, Louisiana Refinery November 2

PBF Energy Inc successfully completed its acquisition of Chalmette Refining, LLC, consisting of the 189,000 b/d Chalmette, Louisiana refinery, ownership interests in three pipelines, crude and product storage facilities, a marine terminal, and a clean products truck rack. With the acquisition, it has increased its total throughput capacity to over 725,000 barrels per day. The Chalmette Refinery, located outside of New Orleans, Louisiana, is dual-train coking refinery with a Nelson Complexity of 12.7 and is capable of processing both light and heavy crude oil. The facility is strategically positioned on the Gulf Coast with strong logistics connectivity that offers flexible raw material sourcing and product distribution opportunities, including the potential to export products.

Reuters, 7:09 November 2, 2015

Flint Hills' 290,000 b/d Corpus Christi, Texas Refinery Reports MSTDP Unit Shut October 30, FCCU Startup November 1

Flint Hills Resources on Sunday reported the startup of the fluid catalytic cracking unit (FCCU) at the West Plant at its Corpus Christi, Texas refinery, according to a filing with state pollution regulators. On October 30, Flint Hills reported the unplanned shutdown of the recycle hydrogen compressor in the mobil selective toluene disproportionation process unit (MSTDP).

Reuters, 21:26 November 1, 2015

Reuters, 16:43 October 30, 2015

CDU Restart Fails at Lyondell Basell's 263,776 b/d Houston, Texas Refinery November 1 – Gulf Coast Sources

An attempt by Lyondell Basell Industries to restart the smaller of two crude distillation units (CDU) at its Houston, Texas refinery failed, Gulf Coast market sources said on Sunday. The 120,000 b/d CDU has been shut since October 17 due to a leak in a pipe on the unit. The refinery has been performing repairs since that date. Lyondell began an attempt to restart the unit on Saturday, according to energy industry intelligence service Genscape. Lyondell may also attempt to restart the 90,000 b/d fluidic catalytic cracking unit (FCCU) this week which has been shut for repairs since a breakdown on October 18, the sources said.

Reuters, 19:42 November 1, 2015

Shell Reports Oil Sheen, Flooding at Its 316,000 b/d Deer Park, Texas Facility October 31, November 2

Royal Dutch Shell Plc on Monday said it was taking steps to minimize discharge of an unauthorized oil sheen at its Deer Park, Texas refinery. The unauthorized discharge occurred on October 30 as treated effluent water was being re-routed through another outfall that was not permitted to discharge treated effluent water. On October 31, Shell reported flooding in the chemical plant of its complex as storms hit the area.

Reuters, 10:32 November 2, 2015

Reuters, 18:46 October 30, 2015

Phillips 66 Reports FCCU Emissions at Its 146,000 b/d Borger Texas Refinery October 30

Phillips 66 reports emissions from the fluid catalytic cracking unit (FCCU) at its Borger, Texas refinery. The equipment was restarted to stop the event.

Reuters, 16:16 October 30, 2015

Phillips 66 Reports Unplanned Flaring at Its 139,000 b/d Wilmington, California Refinery October 30

Phillips 66 reported unplanned flaring at its Los Angeles-area refinery in Wilmington, California, according to a filing with state pollution regulators.

Reuters, 15:04 October 30, 2015

Western Refining Logistics Acquires TexNew Mex Pipeline, Crude Oil Storage Tank in New Mexico November 2

In a joint statement today, Western Refining, Inc. (WNR) and Western Refining Logistics, LP (WNRL) announced that WNRL has acquired WNR's 375-mile segment of the TexNew Mex pipeline that extends from WNRL's crude oil station in Star Lake, New Mexico in the Four Corners region to WNRL's T Station in Eddy County, New Mexico. WNRL also acquired an 80,000 barrel crude oil storage tank located at its crude oil pumping station in Star Lake, New Mexico.

<http://ir.wnrl.com/releasedetail.cfm?ReleaseID=939602>

Natural Gas

Algonquin Gas Pipe Line Lifts Operational Flow Order, Imbalance Warning November 2

Algonquin Gas Transmission (AGT) lifted the Operational Flow Order issued on October 27; however, it has limited operational flexibility to manage imbalances. As a result, AGT requires all shippers and point operators to carefully review demand for gas, schedule gas consistent with daily needs, and to tender and receive gas consistent with confirmed nominations regardless of cumulative imbalance position.

<https://infopost.spectraenergy.com/infopost/AGHome.asp?pipe=AG&mode=1>

Update: Enable Gas Says Work on Its Amber Compressor Station in Oklahoma Expected to Be Complete November 6

Enable Gas Transmission said unplanned maintenance at its Amber Compressor Station is expected to be completed by the end of the day Friday, November 6. The company declared force majeure citing unplanned maintenance on October 27.

<http://pipelines.enablemidstream.com/viewReport.aspx?Pipeline=EGT&ReportType=NOTICES:CriticalNotices&URL=http://pipelines.centerpointenergy.com/stellent/groups/public/documents/ebb/cnp287133.htm>

<http://pipelines.enablemidstream.com/viewReport.aspx?Pipeline=EGT&ReportType=NOTICES:CriticalNotices&URL=http://pipelines.centerpointenergy.com/stellent/groups/public/documents/ebb/cnp286813.htm>

U.S. Natural Gas Output in Lower 48 States Increases to Record High in August – EIA

U.S. natural gas output in the lower 48 states climbed 2 percent to an all-time high of 84.3 Bcf/d in August from a revised 82.7 Bcf/d in July, the U.S. Energy Information Administration (EIA) said in its monthly production report. Gas production in August was up 7.2 percent from year-earlier levels of 78.6 Bcf/d, the EIA said.

Reuters, 12:39 October 30, 2015

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices November 2, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	46.07	43.03	80.02
NATURAL GAS Henry Hub \$/Million Btu	1.94	2.27	3.74

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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