



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

ENERGY ASSURANCE DAILY

Thursday Evening, January 12, 2017

Electricity

Update: Less Than 5,000 PGE Customers Remain without Power in Oregon January 12

Portland General Electric (PGE) crews were continuing to restore power on Thursday afternoon after a heavy snow storm overnight Wednesday cut power to 30,000 PGE customers. As of 4:45 p.m. EST, 4,341 customers remained without power. PGE said that it could not provide restoration estimates, but it has deployed 75 crews in its service area to assist with repairs.

<https://www.portlandgeneral.com/outages/outage-list>

Blizzard Cuts Power to 35,000 Liberty Utilities and NV Energy Customers in Nevada and California January 10–11; Less Than 6,000 Customers Remain without Power January 12

A blizzard in Nevada's Sierra region and continued flooding in some valleys led to power outages in the Lake Tahoe area Tuesday night and Wednesday morning. More than 25,000 Liberty Utilities customers lost power, along with 10,000 NV Energy customers. A Liberty Utilities spokeswoman said crews worked through the night after numerous large trees fell through the power lines late Tuesday. As of 4:45 p.m. EST, 5,388 Liberty Utilities customers and 291 NV Energy customers remained without power.

<http://www.abc10.com/news/local/25000-without-power-at-lake-tahoe-north-sierra/385197544>

<https://california.libertyutilities.com/coleville/residential/emergencies/electrical/outages-map.html#navbar-electrical-emergencies-residential>

<https://www.nvenergy.com/outage/>

EEI Awards FPL for Its Recovery and Assistance during Hurricanes Hermine, Matthew

Florida Power & Light Company (FPL) today announced it has received Edison Electric Institute's (EEI) Emergency Recovery and Emergency Assistance awards for its outstanding restoration efforts after Hurricanes Hermine and Matthew, and for assisting neighbor utility Jacksonville Electric Authority (JEA) in its recovery efforts after Matthew. During Hurricane Hermine in September 2016, FPL crews worked safely and quickly to restore service to 100 percent of its customers impacted by the storm within 24 hours of Hermine's passing, and customers experienced an average outage duration of less than 3 hours. FPL's investments in smart grid automated switches also helped prevent 25,000 customer interruptions. In October 2016, Hurricane Matthew, a Category 3 hurricane, impacted more than 1.2 million customers across major portions of FPL's service area. FPL restored 99 percent of customers affected by the end of 2 full days of restoration following Hurricane Matthew's exit from its service area. Smart grid automated switches on FPL's system prevented approximately 118,000 customer interruptions, and hardened distribution main power lines performed 30 percent better than non-hardened main power lines.

Furthermore, no FPL transmission poles and hardened main power line poles failed due to Matthew's high winds.

<http://newsroom.fpl.com/2017-01-11-FPLs-emergency-response-wins-national-awards-for-excellence-in-recovery-and-assistance>

Update: TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama at Full Power by January 12

The unit is returning from a reduction to 65 percent on January 11.

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

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

EDF Renewable Energy Announces Commercial Operation at 225 MW Great Western Wind Project in Oklahoma December 21

EDF Renewable Energy announced today that its 225 MW Great Western Wind Project began commercial operation on December 21, 2016 in Woodward and Ellis counties in Oklahoma. The project's output is provided to Google under a long-term power purchase agreement.

<http://www.edf-re.com/edf-renewable-energy-announces-commercial-operation-great-western-wind-project/>

Petroleum

Phillips 66 Reports Malfunction, Emissions at Its 200,000 b/d Ponca City, Oklahoma Refinery January 7

Phillips 66 reported a malfunction led to emissions from a fluid catalytic cracking unit regenerator on January 7 at its Ponca City, Oklahoma refinery, according to a filing with the Oklahoma Department of Environmental Quality made public on Thursday.

Reuters, 13:08 January 12, 2017

Valero Reports Emissions, Unit Shutdown at Its 86,000 b/d Ardmore, Oklahoma Refinery January 6 – 7

Valero Energy Corp reported several emissions and shutdown events from January 6 – 7 at its Ardmore, Oklahoma refinery, according to a filing with the Oklahoma Department of Environmental Quality made public on Thursday. Excess hydrogen sulfide emissions from the crude unit's atmospheric flare, the fluid catalytic cracking unit, and the sulfur recovery unit from January 6 – 7. In addition, an unspecified shutdown and excess sulfur oxide emissions from a sulfur recover unit incinerator were also reported on January 7, according to the filing.

Reuters, 13:17 January 12, 2017

HollyFrontier Reports Emissions at Its 85,000 b/d Tulsa West, Oklahoma Refinery January 7, 9

HollyFrontier reported hydrogen sulfide emissions from the coker flare at its Tulsa West, Oklahoma refinery on January 7, according to a filing with the Oklahoma Department of Environmental Quality filing made public on Thursday. The company also reported hydrogen sulfide emissions from the no. 2 alkylation unit flare on January 9.

Reuters, 13:20 January 12, 2017

CVR Reports Hydrocracker Emissions at Its 70,000 b/d Wynnewood, Oklahoma Refinery January 7

CVR reported excess hydrogen sulfide emissions from the hydrocracker flare at its Wynnewood, Oklahoma refinery on January 7, according to a state filing made public today.

Reuters, 13:22 January 12, 2017

Flint Hills Reports Flaring at Its 295,630 b/d Corpus Christi, Texas Refinery January 12

Flint Hills reported operating conditions led to flaring on Thursday at the West plant of its Corpus Christi, Texas refinery, according to a community information line.

Reuters, 14:57 January 12, 2017

Shell Restarts Hydrogen Plant, Isomax Unit at Its 75,000 b/d Sarnia, Ontario Refinery January 12 – Source

Royal Dutch Shell was restarting the hydrogen plant and a 6,700 b/d isomax unit Thursday at its 75,000 b/d refinery in Sarnia, Ontario after an unexpected shutdown earlier in the week, according to a source familiar with the plant's operations. Energy industry intelligence company Genscape reported flaring at the hydrogen plant on Thursday morning.

Reuters, 10:17 January 12, 2017

Shell Restarting Segment of Its San Pablo Bay Crude Oil Pipeline System after Confirming No Release in California January 12

Shell Pipeline said it was restarting a segment of its San Pablo Bay crude oil pipeline system in Kern County, California after a precautionary shutdown earlier on Thursday prompted by a loss of pressure alarm. Shell said the segment suffered a momentary pressure drop while Aera Energy was conducting maintenance at its production site that is connected to the San Pablo Bay system, and that no release of crude oil occurred. The pipeline system's control center shut down operations as a precaution, and the segment was undergoing startup procedures on Thursday afternoon.

Reuters, 16:08 January 12, 2017

Reuters, 12:36 January 12, 2017

British Columbia Approves Kinder Morgan's Plans to Triple Capacity on Its Trans-Mountain Crude Oil Pipeline

British Columbia on Wednesday approved Kinder Morgan Inc.'s plan to nearly triple its Trans Mountain oil pipeline, which runs from Canada's oilsands through the province to a marine terminal on the Pacific Coast. British Columbia Premier Christy Clark said in a statement the C\$6.8 billion (\$5.16 billion) project had satisfied or was close to satisfying the five conditions she laid out in 2012 for any company wanting to build pipelines in the province. The Canadian government in November approved Kinder Morgan's proposal to expand the Trans Mountain pipeline, which would help ensure oil exports from the oilsands in the neighboring province of Alberta reach Asia. Although inter-provincial pipelines fall under federal jurisdiction, if provinces are opposed they could impose conditions that would make it onerous for a company to build a pipeline. Kinder Morgan's board now has to make a final investment decision on the project. Construction is slated to start in September.

Reuters, 19:43 January 11, 2017

<https://news.gov.bc.ca/releases/2017PREM0002-000050>

Natural Gas

Update: ENPG Lifts Force Majeure on Line 1600 in Arizona Effective January 13

El Paso Natural Gas Company (EPNG) on Thursday lifted the force majeure declaration for its Line 1600 in Arizona between the Casa Grande and Wenden locations, effective for gas day January 13. EPNG declared the event on Wednesday after identifying a pipeline anomaly on Line 1600 that required a reduction in pressure to allow for excavation and repair.

<http://passportebb.elpaso.com/ebbmasterpage/Notices/NoticesAutoTable.aspx?code=EPNG&status=Notice&name=Critical%20Notices&sParam1=1&sParam3=16762&sParam14=D&details=Y>

Other News

Nothing to report.

International News

Saudi Arabia, Kuwait Cut Oil Production, Pledge Further Reductions; Kuwait, Iraq Cut Oil Exports

Saudi Arabia has cut its oil production to the lowest level in almost two years, its energy minister said on Thursday, as the world's largest oil exporter leads OPEC's initiative to eradicate a global supply glut and prop up prices. The energy minister said output had fallen below 10 million b/d, which is more than the 486,000 b/d that Saudi Arabia pledged in the output cut deal between OPEC and non-OPEC producers. The minister said the country planned to make even deeper cuts in February. Kuwait's oil minister also said his country has curbed production by more than pledged in the deal, adding that Kuwait's exports have also been cut by more than 133,000 b/d. Kuwait is currently maintaining full exports to Asian markets, with the majority of cuts affecting its customers in North America and Europe. In addition, Iraqi officials said the country's exports had fallen by 170,000 b/d in January with further cuts of 40,000 b/d planned this week.

Reuters, 06:53 January 12, 2017

Reuters, 10:33 January 12, 2017

Energy Prices

U.S. Oil and Gas Prices January 12, 2017			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	52.96	53.72	30.37
NATURAL GAS Henry Hub \$/Million Btu	3.28	3.37	2.53

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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