



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

ENERGY ASSURANCE DAILY

Monday Evening, September 30, 2013

Electricity

Storms Hit Pacific Northwest Leaving 24,000 PGE Customers Near Portland, Oregon Without Power September 28

Portland General Electric (PGE) reported 23,000 customers lost power when strong storms moved through the Portland, Oregon, region on Saturday. The storms brought heavy rains and high water, downing trees which hampered power restoration efforts. About 7,100 Marion County customers and 460 Polk County customers were affected by the outages, PGE reports. The hardest hit region was the Portland metro area with more than 17,700 PGE customers without power. As of 2:00 p.m. EDT, approximately 6,000 customers remained without power.
<http://www.statesmanjournal.com/article/20130928/NEWS/309280017/More-than-25-000-PGE-customers-without-power-due-storm>
http://www.portlandgeneral.com/safety_outages/outages/outage_updates/outage_list.aspx
<https://twitter.com/portlandgeneral>

AES's 226 MW Huntington Beach Gas-fired Unit 2 in California Reduced by September 29

The unit entered an unplanned curtailment of 136 MW.
<http://content.aiso.com/unitstatus/data/unitstatus201309291515.html>

DYNEGY's 335 MW El Segundo Gas-fired Unit 4 in California Shut by September 28

The unit entered an unplanned outage.
<http://content.aiso.com/unitstatus/data/unitstatus201309281515.html>

Ace's 118 MW Coal-fired Unit in California Shut by September 28

The unit entered an unplanned outage.
<http://content.aiso.com/unitstatus/data/unitstatus201309281515.html>

Exelon's 619 MW Oyster Creek Nuclear Unit in New Jersey Reduced to 53 Percent by September 30

On the morning of September 29 the unit was operating at full power, according to the Nuclear Regulatory Commission.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Southern's 830 MW Farley Nuclear Unit 1 in Alabama Shut by September 30

On the morning of September 29 the unit was reduced to 35 percent from operating at 84 percent on September 28, according to the Nuclear Regulatory Commission.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida Shut by September 30

On the morning of September 29 the unit was operating at 90 percent, according to the Nuclear Regulatory Commission.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Indiana-Michigan Power's 1,060 MW Cook Nuclear Unit 2 in Michigan Reduced to 52 Percent by September 30

On the morning of September 29 the unit was operating at full power, according to the Nuclear Regulatory Commission.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: Entergy's 510 MW Vermont Yankee Nuclear Unit in Vermont at Full Power by September 28

On the morning of September 27 the unit was operating at 75 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan Ramped Up to 98 Percent by September 28

On the morning of September 27 the unit was operating at 80 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: Exelon's 855 MW Quad Cities Nuclear Unit 2 in Illinois at Full Power by September 28

On the morning of September 27 the unit was operating at 62 percent, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Entergy's 836 MW Arkansas Nuclear Unit 1 in Arkansas Reduced to 70 Percent by September 28

On the morning of September 27 the unit was operating at full power, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Constellation Reports Digital Radiation Monitor Low Sample Flow Alarm Received at Its 565 MW Nine Mile Point Nuclear Unit in New York September 28

Constellation Energy received a digital radiation monitor system low sample flow alarm and sample pump trip on September 29 after an initial alarm and attempt at repair on Saturday. The sample pump was repaired and returned to service and subsequently tripped again. The monitor has been declared non-functional and compensatory actions are being taken. Maintenance is ongoing and the company is investigating the cause.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130930en.html>

Petroleum

North Dakota Oil Output May Double by Mid-2017 – State Official

Oil production in North Dakota may double to 1.6 million b/d by mid-2017 due to the large Bakken shale formation, a state official said on Thursday. Output so far has reached 875,000 b/d, exceeding forecasts of 850,000 b/d by early 2014. The possibility of new federal rules governing hydraulic fracturing and potential changes to oil taxes and demand for more of the light sweet crude that Bakken produces could impact the forecasted output.

http://www.rigzone.com/news/oil_gas/a/129314/North_Dakota_Oil_Output_May_Double_by_Mid2017

Pennant Midstream Announces Construction of New 90,000 b/d NGL Pipeline in Ohio

Pennant Midstream, LLC, today announced the construction of a 12-inch, 38-mile natural gas liquids (NGL) pipeline that will connect the Hickory Bend Cryogenic Processing Plant in New Middletown, Ohio, to the UEO Kensington facility near Kensington, Columbiana County, and will have the capacity to initially deliver approximately 90,000 b/d. The pipeline is under construction and is expected to be completed by July 2014.

http://www.columbiapipelinegroup.com/en/about-us/news-room/news-display/13-09-30/Pennant_Midstream

Enbridge to Construct 40,000 b/d Pipeline in Alberta by 2016

Enbridge Inc. announced that it has entered into an agreement to construct facilities and provide transportation services for the Hangingstone Oil Sands Project in Canada. Oil sands extraction company, Japan Canada Oil Sands Limited is the operator of the Hangingstone Oil Sands Project. Enbridge will construct a 50-km pipeline with a capacity to transport 40,000 b/d of diluted bitumen produced at the Hangingstone Project to the Enbridge terminal in Cheecham, Alberta. The project is expected to be operational in early 2016, with initial volumes of 18,000 b/d. Regulatory approval for the project is pending.

<http://finance.yahoo.com/news/enbridge-construct-pipeline-184002412.html>

PBF Reports Boiler Failure at Its 190,000 b/d Delaware City, Delaware Refinery

September 28

PBF Energy reported a boiler failed on Saturday at its Delaware City, Delaware refinery, according to a notice the refinery filed with the Delaware Department of Natural Resources and Environmental Control. The boiler failure triggered the refinery's safety flare system, which released unknown amounts of sulfur dioxide, hydrogen cyanide, anhydrous ammonia and carbon monoxide into the air, according to the notice.

Reuters, 17:50 September 29, 2013

Total Confirms Power Outage at Its 232,000 b/d Port Arthur, Texas Refinery September 29

Total Petrochemicals confirmed that its refinery in Port Arthur, Texas, experienced a power outage due to heavy rains in the area. The company had reported the incident, which was discovered on Sunday and resulted in emissions of sulfur dioxide and hydrogen sulfide, in a filing with the U.S. National Response Center.

Reuters, 6:14 September 30, 2013

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1061603

Tesoro Reports Discharge of Crude Oil at Its 120,000 b/d Anacortes, Washington Refinery September 29

Tesoro Corp. reported a discharge of crude oil from a line under the wharf at its Anacortes, Washington, refinery.

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1061599

Chevron Reports Flaring at Its 245,000 b/d Richmond, California Refinery September 30

Chevron Corp. reported a release of sulfur dioxide from a flare due to unknown causes at its Richmond, California, refinery.

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1061602

Update: HollyFrontier Restarts CDU at Its 125,000 b/d Tulsa, Oklahoma Refinery September 28

HollyFrontier reported the crude distillation unit (CDU) was restarted on September 28 at its Tulsa, Oklahoma, refinery after shutting down September 17. Furnace stack activity and unit heating have returned to normal operational levels.

Reuters, 21:20 September 29, 2013

Update: Phillips 66 Reports Unit Start Up After Power Blip at Its 247,000 b/d Sweeny, Texas Refinery September 29

Phillips 66 reported ethylene unit 33 will start up on or after September 29 after being forced to shut down on September 23 when a power blip occurred due to an owl hitting a transformer.

Reuters, 1:00 September 29, 2013

Petrobras Reports FCCU Emissions at Its 100,000 b/d Pasadena, Texas Refinery September 27

Petrobras reported that the transfer of light-end material to a tank led to excess emissions from a fluidic catalytic cracking unit (FCCU) at its refinery in Pasadena, Texas, according to a filing with the Texas Commission on Environmental Quality. "Operations stopped the transfer and blocked in the tank to stop the release," the filing said.

Reuters, 17:40 September 27, 2013

BP-Husky's 125,600 b/d Toledo, Ohio Refinery Running at Reduced Rates Since September 24

BP Plc's Toledo, Ohio, refinery has been running at reduced production levels since Tuesday, when the sulfur recovery units at the refinery were shut, according to sources familiar with operations at the refinery. Refinery production was cut to reduce sulfur pollution from the refinery.

Reuters, 13:57 September 27, 2013

Phillips 66 Reports Flaring at Its 139,000 b/d Wilmington, California Refinery September 27

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

Reuters, 13:25 September 27, 2013

Natural Gas

Enbridge's Tilden Gas Plant in Texas Reports AGI No. 1 Shut September 28, Compressor, AGI No. 2 Shut September 29

Enbridge Inc. reported that on September 29, B/F compressors no. 1 and 3 shut down on low suction pressure which caused a loss of gas flow through the plant. AGI no. 2 then shut down on low gas suction pressure. When restoring the B/F compressors, AGI no.1 tripped on a compressor motor fault. Inlet gas flow was normalized and B/F compressors were placed back in service, restoring gas flow through the plant. As acid gas became available AGI no. 1 was restarted, the electrical breaker for AGI no. 2 was reset, and the compressor was restarted and stabilized. On September 28, AGI no.1 was shut down due to invalid first stage suction pressure and RPM speed indication. A faulty PLC card was replaced in the AGI no. 1 controller and AGI no. 1 was restarted.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=188831>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=188830>

Southern Union Reports Shutdown Due to Power Outage at Its Keystone Gas Plant in Texas September 27

Southern Union reported lightning storms knocked out power to its Keystone gas plant in Texas, causing a total plant shutdown. The event is ongoing and a final report was not yet available.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=188827>

Atlas Pipeline's 195 MMcf/d Midkiff Gas Plant in Texas Shut, Restarted September 27

Atlas Pipeline reported the inlet gas/gas exchanger and side bottom reboiler became plugged at its Midkiff gas plant in Texas. The plant had to be shut down to clean out the gas/gas exchanger and side bottom reboiler. Contractors changed out the screens on the gas/gas exchanger and side bottom reboiler, puffed the exchangers, and moved as much gas as possible to the driver plant to minimize emissions. After the screens were cleaned, the compression was placed back online and plant restarted.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=188828>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices September 30, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	101.88	103.61	91.88
NATURAL GAS Henry Hub \$/Million Btu	3.51	3.64	3.01

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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