



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

ENERGY ASSURANCE DAILY

Wednesday Evening, June 11, 2014

Electricity

Strong Thunderstorms, Rotating Winds Knock Out Power to Over 168,000 Customers in Appalachian Region June 10

Strong thunderstorms and rotating winds of up to 65 miles an hour moved through Kentucky, Ohio, Tennessee, Virginia, and West Virginia Tuesday night, knocking out power to 168,872 customers. As of 3:30 p.m. EDT today, 74,995 customers remained without power. The storm caused significant damage to electric utility systems in the affected areas, including broken poles and downed wires. As many as 67,000 Appalachian Power customers in West Virginia, Virginia, and Tennessee lost service Tuesday night, with the majority in southwestern West Virginia. Appalachian Power said it moved resources into the hardest hit areas and about 400 additional line mechanics and 100 assessors will be brought in to assist company restoration efforts in what will be a multi-day effort. Meteorologists were forecasting additional scattered thunderstorms could move across Appalachian Power's service area Wednesday, which could affect restoration efforts in some locations. About 33,000 Kentucky Power customers lost power from the storms. The company said 360 additional line mechanics and 90 additional assessors are being brought in to assist company restoration efforts and initial assessments estimate service should be restored to 90 percent of customers by midnight Friday. AEP Ohio reported over 20,000 customers without power in its southern Ohio service territory last night as a result of the storms. The company said the damage in some areas continues to be assessed but all other affected areas should have power restored by 6 p.m. local time today.

Appalachian Region Power Outages			
June 10–11, 2014			
Electric Utility	State	Peak	Latest Reported
AEP Kentucky Power	KY	33,000	16,847
LG&E and KU Energy	KY	6,372	5,941
AEP Ohio	OH	20,000	2,824
Clinton Utilities Board	TN	6,173	3,116
Knoxville Utilities Board	TN	33,076	866
AEPAppalachian Power	WV/VA/TN	67,000	44,138
Potomac Edison and Mon Power	WV	3,251	1,263
TOTAL*		168,872	74,995

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

Sources:

- <https://www.aepcustomer.com/outagemap/main.aspx?region=kentucky>
- <https://twitter.com/KentuckyPower>
- <http://stormcenter.lge-ku.com/default.html>
- <http://www.aepcustomer.com/outagemap/main.aspx?region=aepohio>
- <http://www.aepcustomer.com/outagemap/main.aspx?region=apco>
- <http://outages.firstenergycorp.com/mdwv.html>
- <https://www.appalachianpower.com/outages/details.aspx?stormName=June%2010%20Thunderstorm>
- <https://www.kentuckypower.com/outages/details.aspx?stormName=June%2010%20Storm-KY>
- <https://www.aepohio.com/outages/details.aspx?stormName=June%2011,%202014%20Thunderstorms>
- <http://www.wowktv.com/story/25745388/at-its-peak-more-than-60000-outages-across-the-region-following-powerful-storms>
- <http://www.accuweather.com/en/weather-news/reports-powerful-thunderstorms/28464285>
- <http://www.kub.org/wps/portal/Customers/KUBStormCenter/>
- <http://oakridgetoday.com/2014/06/10/storm-damages-buildings-knocks-trees-knocks-power/>

Entergy's 813 MW FitzPatrick Nuclear Unit in New York Reduced to 50 Percent by June 11

Entergy Corp. reduced its FitzPatrick nuclear power unit in New York to 50 percent, from full power, by early Wednesday to perform maintenance on the plant's main condenser. The work entails performing tube plugging to prevent lake water leaking into the condenser, a company spokeswoman said.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Reuters, 9:38 June 11, 2014

Update: PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Ramped Up to 90 Percent by June 11

On the morning of June 10 the unit was operating at 71 percent, down from 82 percent by June 9. On May 28 the unit completed refueling and maintenance work but remained shut for turbine work. The unit restarted by June 5.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

Luminant's 535 MW Monticello Coal-Fired Unit 1 in Texas Shut June 11

Unit 1 at Luminant Energy's Monticello coal-fired power plant in Texas was shut on Wednesday, the company said in a state filing. The company said the unit tripped while at load but did not say when the unit will likely return to service.

<http://www1.tceq.state.tx.us/oce/ear/index.cfm?fuseaction=main.getDetails&target=199606>

Reuters, 10:48 June 11, 2014

Update: Cabrillo Power I, LLC's 104 MW Encina Gas-fired Unit 2 in California Returns to Service by June 10

The unit returned from an unplanned outage that began by June 9.

<http://content.caiso.com/unitstatus/data/unitstatus201406101515.html>

Update: AES's 496 MW Redondo Gas-fired Unit 8 in California Returns to Service by June 10

The unit returned from an unplanned outage that began by June 9.

<http://content.caiso.com/unitstatus/data/unitstatus201406101515.html>

Petroleum

Marathon Reports Power Outage after Storm at Its 240,000 b/d Catlettsburg, Kentucky Refinery June 10

Marathon Petroleum Corp.'s refinery in Catlettsburg, Kentucky, experienced a power outage after a storm on Tuesday evening, a local media report said. Power at the plant came back, the report said.

Reuters, 00:34 June 11, 2014

Citgo Restarting Its 174,500 b/d Lemont, Illinois Refinery Units after Power Outage June 11

Citgo Petroleum Corp. reported its Lemont refinery experienced a partial loss of electrical power Wednesday morning and process units were shut down at the refinery. Citgo said the refinery is in the process of restarting.

Reuters, 9:30 June 11, 2014

Update: Marathon Restarts Crude Unit after Wind Damage at Its 522,000 b/d Garyville, Louisiana Refinery June 11

Marathon Petroleum Corp. said it restarted a 256,000 b/d crude unit at its Garyville, Louisiana, refinery which had suffered wind damage May 28. A temporary cooling water system was installed and the no. 1 crude unit was brought back online, according to a spokeswoman. Marathon said it was continuing work to repair the damaged cooling towers at the refinery.

Reuters, 9:37 June 11, 2014

Update: Valero Reports Normal Operations June 10 after Alkylation Unit Leak at Its 125,000 b/d Meraux, Louisiana Refinery June 8

Valero Energy Corp.'s refinery in Meraux, Louisiana returned to normal operations following the restart of a unit, according to a person familiar with the plant's operations. Valero was restarting an alkylation unit at the refinery over the weekend and the unit developed a leak on Sunday, the Louisiana Department of Environmental Quality said on Monday.

Reuters, 14:18 June 10, 2014

Valero Reports Process Unit Upset, RTO Shutdown at Its 290,000 b/d Port Arthur, Texas Refinery June 10

Valero reported a process unit upset and regenerative thermal oxidizer (RTO) shutdown at its Port Arthur, Texas, refinery. Several unsuccessful attempts were made to restart the RTO.

Reuters, 16:43 June 10, 2014

Enterprise Says Its 450,000 b/d Seaway Twin Crude Line from Oklahoma to Texas Nears Completion

Enterprise Product Partners will complete its Seaway Loop crude oil pipeline by the end of this month with only station checkouts and hydro-testing work remaining, the company said on Tuesday. The parallel pipeline running alongside the 400,000 b/d Seaway line will increase takeaway capacity from storage hub Cushing, Oklahoma by another 450,000 b/d and take oil to Houston, Texas.

Reuters, 13:38 June 10, 2014

TransCanada to File 1.1 Million b/d Energy East Pipeline Project Application in Mid-August

TransCanada Corp. expects to file an application for its Energy East pipeline with energy regulators in mid-August, the company's chief executive told Reuters on Tuesday. That follows a preliminary project description submitted to the National Energy Board in March. The Energy East pipeline will carry crude from Alberta's oil sands to refineries in Quebec and New Brunswick. The company expects to be able to file with the National Energy Board around mid-August for the conversion of the gas pipeline and the additional oil facilities that would be constructed.
http://www.downstreamtoday.com/news/article.aspx?a_id=43452

Pacific Energy Future Plans 1 Million b/d Oil Sands Crude Refinery in British Columbia

Pacific Energy Future Corp. said on Tuesday it was planning to build an oil refinery on the north-west coast of British Columbia that could eventually process up to 1 million b/d of oil sands bitumen. The company was looking at three potential building sites in Prince Rupert, British Columbia. The refinery could be producing products such as gasoline and diesel in about seven years, according to the company's executive chairman. In its initial phase the refinery will process 200,000 b/d, with eventual capacity of up to 1 million b/d planned.

<http://www.reuters.com/article/2014/06/10/canada-refinery-british-columbia-idUSL2N0OR1I120140610>

Natural Gas

Applied LNG Announces Completion of Second 86,000 Gallon Per Day LNG Production Train in Topock, Arizona

Applied LNG announced the completion of its second liquefied natural gas (LNG) production train in Topock, Arizona. Located adjacent to Applied's first production train, the new liquefier has a nameplate production capacity of 86,000 gallons per day which brings the company's LNG production capacity to over 170,000 gallons per day.

<http://www.appliedlng.com/topock-expansion-complete-and-ahead-schedule>

Other News

Nothing to report.

International News

Iraq's Oil Minister Says Southern Oil Facilities Secure despite Militant Activities in North; Militants Closing in on 300,000 b/d Baiji Refinery in Mosul

Iraq's southern oil export facilities were secure, with shipments now running at around 2.6 million b/d, the oil minister said on Wednesday. Iraq's exports now are all from the Basra terminal in the south which is a very safe area, according to the oil minister. An al Qaeda splinter group seized control of the northern Iraqi city of Mosul on Tuesday. The group was pushing into Baiji, which houses a 300,000 b/d refinery that supplies oil products to most of Iraq's provinces and is a major provider of power to Baghdad.

http://www.rigzone.com/news/oil_gas/a/133505/Iraq_Says_Southern_Oil_Facilities_Very_Very_Safe#sthash.NA4Y_aMPc.dpuf

Reuters, 10:48 June 11, 2014

Libya Redirects Offshore Oil to Vital Refinery, Exports Fall

Libya has begun redirecting its offshore oil output to its western Zawiya refinery, vital to keep the capital supplied with oil, the acting oil minister said on Wednesday. The action is temporary and once operations are restarted in the Sharara oilfield, exports would be as usual, the oil minister said.

Reuters, 9:02 June 11, 2014

Libya Aiming for 800,000–900,000 b/d Oil Output if Order Restored

Libya is aiming for an oil output target of 800,000–900,000 b/d if output is restored soon, its Oil Minister said on Wednesday. Protests and stoppages in its oil sector had cut Libyan oil output to under 200,000 b/d this past week. Output of 1.4 million b/d could be achievable in around six to nine months, the oil minister said.

Reuters, 5:23 June 11, 2014

Energy Prices

U.S. Oil and Gas Prices			
June 11, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	105.16	103.33	95.32
NATURAL GAS Henry Hub \$/Million Btu	4.57	4.59	3.73

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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