



ENERGY ASSURANCE DAILY

Friday Evening, November 06, 2015

Electricity

High Winds Knock Out Power to 35,000 DTE Customers in Michigan November 5–6

Strong winds knocked out power to 35,000 DTE customers in the Detroit-metro area Thursday night into Friday. Wind gusts of up to 72 mph were reported. DTE said crews were working around the clock to restore power. As of 3:30 p.m. EST Friday, 15,135 customers remained without power.

<http://www.dteenergy.com/map/outage.html>

https://www.facebook.com/dteenergy/?_rd=1

<http://www.detroitnews.com/story/news/local/michigan/2015/11/06/winds-knock-power-thousands-metro-detroit/75285326/>

TVA's 1,125 MW Watts Bar Nuclear Unit 1 in Tennessee Reduced to 73 Percent by November 6

On the morning of November 5 the unit was operating at full power.

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

Update: Exelon's 1,131 MW Byron Nuclear Unit 2 in Illinois Ramps Up to 81 Percent by November 6

On the morning of November 5 the unit was operating at 71 percent, reduced from 90 percent power on November 2

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

Exelon's 855 MW Quad Cities Nuclear Unit 1 in Illinois Reduced to 86 Percent by November 6

On the morning of November 5 the unit was operating at full power.

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

Exelon's 855 MW Quad Cities Nuclear Unit 2 in Illinois Reduced to 86 Percent by November 6

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

Update: AES's 175 MW Alamitos Gas-fired Unit 1 in California Returns to Service by November 5

The unit returned from an unplanned outage that began on November 3.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Update: AES's 175 MW Alamitos Gas-fired Unit 2 in California Returns to Service by November 5

The unit returned from an unplanned outage that began on November 3.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Update: AES's 332 MW Alamitos Gas-fired Unit 3 in California Returns to Service by November 5

The unit returned from an unplanned outage that began on November 3.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Update: AES's 336 MW Alamitos Gas-fired Unit 4 in California Returns to Service by November 5

The unit returned from an unplanned outage that began on October 29.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Update: AES's 498 MW Alamitos Gas-fired Unit 5 in California Returns to Service by November 5

The unit returned from an unplanned outage that began on November 3.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Update: AES's 495 MW Alamitos Gas-fired Unit 6 in California Returns to Service by November 5

The unit returned from an unplanned outage that began on November 3.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Update: Watson Cogeneration Company's 417 MW Gas-fired Unit in California Returns to Service by November 5

The unit returned from an unplanned curtailment of 227 MW that began on November 4.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Update: SCE's 200 MW Eastwood Hydro Unit in California Returns to Service by November 5

The unit returned from an unplanned outage that began on October 16.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

PCWA's 218 MW Middle Fork And Ralston Hydro Unit in California Shut by November 5

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Russell City Energy Company's 620 MW Gas-fired Unit in California Reduced by November 5

The unit entered an unplanned curtailment of 321 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201511051515.html>

Petroleum

Magellan Reports 1,000 Barrels of Crude Oil Spilled from Pipeline in Oklahoma November 5

Magellan Midstream Partners said about 1,000 barrels of crude oil spilled Thursday night from a pipeline that stretches from Enid to Ponca City, Oklahoma. A spokesman said the spill occurred in a rural area near Billings and there were no injuries or evacuations ordered, and no water was contaminated. The pipeline was quickly shut down and the oil was contained. Magellan plans to recover the oil and clean up any affected soil. Repairs to the pipeline will begin later Friday, according to the spokesman. The damage to the pipeline involved excavation by another party, the spokesman said, and the incident remains under investigation. Phillips 66's 203,000 b/d Ponca City refinery is the only refinery in the area. Most of the crude oil processed is received by pipeline from Oklahoma, Texas, and Canada. Infrastructure improvements have enabled the delivery of increased volumes of locally produced advantaged crude oil by pipeline and truck.

Reuters, 12:31 November 6, 2015

<http://www.phillips66.com/EN/about/our-businesses/refining/Pages/ponca-city-refinery.aspx>

Obama Administration Rejects TransCanada's Keystone XL Pipeline November 6

The Obama administration rejected TransCanada's 800,000 b/d Keystone XL oil pipeline on Friday. Keystone XL would have linked existing pipeline networks in Canada and the U.S. to bring more than 800,000 b/d of heavy crude oil and diluted bitumen from Alberta's oil sands to refineries in Illinois and, eventually, the Gulf Coast. Secretary of State John Kerry, who determined the pipeline was not in the country's interest before Obama's final decision, said approving Keystone XL "would significantly undermine our ability to continue leading the world in combating climate change." TransCanada first sought the required presidential permit for the cross-border section in 2008.

<http://www.state.gov/secretary/remarks/2015/11/249249.htm>

<https://www.whitehouse.gov/the-press-office/2015/11/06/statement-president-keystone-xl-pipeline>

<http://www.reuters.com/article/2015/11/06/us-usa-keystone-idUSKCN0SV28P20151106#appJKF7i3uAxyrKz.97>

Tesoro Confirms Unit Start-up after Unplanned Work at Its 166,000 b/d Martinez, California Refinery November 5

Tesoro said on November 4, its Martinez, California refinery began a unit start-up process following unplanned maintenance.

Reuters, 4:12 November 5, 2015

Phillips 66 Reports Flaring Event at Its 139,000 b/d Wilmington, California Refinery November 6

Phillips 66 reported a flaring event at its Wilmington, California refinery, according to a filing with the California Emergency Management Agency. The refinery has two linked facilities about five miles apart in Carson and Wilmington. The former processes crude oil while the latter upgrades the products.

Reuters, 10:02 November 6, 2015

Shell Canada Completes Quest Project to Capture Carbon Dioxide Emissions in Alberta

Shell Canada on Friday said it completed the Quest project at its Scotford upgrader under budget and can now capture about a third of its carbon dioxide emissions. The project, located northeast of the provincial capital of Edmonton, was built in partnership with Chevron Corp. The upgrader, which converts bitumen from two oil sands mines into synthetic crude oil, will now pipe the CO₂ through a 40-mile route before burying it in saline aquifers more than 1.2-miles underground. Quest's project manager said early testing succeeded at capturing more than 100,000 tonnes of CO₂ emissions, and the experience could support another proposal at Shell's Peterhead power station in Scotland which, if approved, would store carbon emissions below the North Sea.

Reuters, 4:01 November 5, 2015

Blueknight Delays Its 100,000 b/d Knight Warrior Oil Pipeline in Texas November 5

Blueknight Energy Partners LP has delayed its Knight Warrior crude oil pipeline project in East Texas because of lower oil prices and reduced production, the Chief Executive Officer said on Thursday. Knight Warrior is a 100,000 b/d pipeline covering 160 miles. The project had been targeted to start up in the second quarter next year to move Eaglebine crude to Houston. The company said the pause in planning would last a few months.

Reuters, 3:32 November 5, 2015

Enbridge to Start-up Its 300,000 b/d Line 9 Pipeline Next Month

Regulatory delays in Enbridge Inc.'s Line 9 project have cost the company about \$90-million in earnings this year, but the company said the conduit that will allow for Western Canadian and U.S. crude to be shipped east should be up and running by next month. The Line 9 plan will see Enbridge reverse the flow of an existing pipeline to bring 300,000 b/d of Western Canadian and U.S. Bakken oil to Quebec. The regulatory delays stemmed from environmental concerns surrounding the project, and extra conditions imposed by the National Energy Board.

Reuters, 5:09 November 6, 2015

Natural Gas

Nothing to report.

Other News

Nothing to report.

International News

Petrobras Says It Reduced Output Loss to 127,000 b/d Due to Strike

Brazil's state-run oil company Petroleo Brasileiro SA (Petrobras) reduced cuts in oil production caused by a labor strike to 127,000 b/d on Thursday as contingency plans took effect, the company said. On Wednesday, Petrobras oil production was 140,000 b/d, or 6.5 percent, lower than pre-strike levels, an improvement for the company from an output cut on Tuesday of 178,000 b/d, or 8.5 percent. A company source said Petrobras management is not planning to give in to union demands to stop asset sales and there was no end in sight to the walkout that began on Sunday. Reuters, 6:40 November 5, 2015

Energy Prices

U.S. Oil and Gas Prices November 6, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	44.27	46.55	78.05
NATURAL GAS Henry Hub \$/Million Btu	2.10	2.10	3.91

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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<http://www.oe.netl.doe.gov/ead.aspx>

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