



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

# ENERGY ASSURANCE DAILY

Friday Evening, June 5, 2015

## *Electricity*

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### **Update: NMC's 522 MW Prairie Island Nuclear Unit 1 in Minnesota at Full Power by June 5**

On the morning of June 4 the unit was operating at 30 percent after restarting and ramping up to 1 percent by June 3. The unit was shut from full power due to a trip of the condensate and main feedwater pump May 31.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150601en.html>

### **Luminant's 1,150 MW Comanche Peak Nuclear Unit 2 in Texas Reduced to 68 Percent by June 5**

On the morning of June 4 the unit was operating at full power.

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

### **High Plains Ranch II, LLC's 210 MW California Valley Solar Unit in California Shut by June 4**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201506041515.html>

### **Campo Verde Solar, LLC's 139 MW Solar Unit in California Shut by June 4**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201506041515.html>

### **BHE Renewables' 310 MW Solar Star Unit 1 in California Shut by June 4**

The unit entered a planned and unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201506041515.html>

### **Calpine's 525 MW Sutter Gas-fired Unit in California Reduced by June 4**

The unit entered an unplanned curtailment of 264 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201506041515.html>

## *Petroleum*

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### **Update: Cenovus Waiting to Resume Oil Production Lost Due to Wildfires in Alberta**

Production at Cenovus Energy Inc's oil sands operations remained suspended on Thursday as wildfires continue to rage in northern Alberta. Cenovus's 135,000 b/d Foster Creek oil sands project has been shut for a week after staff were evacuated when a wildfire threatened the two sites. The Burnt Lake Fire in northeastern Alberta has consumed more than 33,000 hectares of forest and remains out of control. The fire shut-in about 10 percent of total production from the oil sands. While the fire remains a threat and fire hazard in the region remains listed as very high, officials have allowed the company to return some staff to their site to prepare for normal operations. Cenovus has returned some staff to Foster Creek, co-owned with ConocoPhillips, and said the restart was going well and it expects production to resume soon.

Reuters, 17:18 June 4, 2015

### **Tar Balls Close Southern California Beach, Oil Spill Link Probed June 4**

A section of Long Beach in Southern California was closed after masses of tar balls washed ashore, and authorities said on Thursday they were looking into whether the balls were linked to a recent oil pipeline spill. The appearance of the tar balls follows the May 19 Plains All American pipeline rupture near Santa Barbara, about 120 miles northwest of Long Beach, that dumped as many as 2,400 barrels of crude into the Pacific Ocean along a pristine stretch of coastline. The Coast Guard has collected samples to determine its origin.

Reuters, 19:35 June 4, 2015

### **ExxonMobil Seeks to Use Trucks to Haul Oil after Pipeline Break in California**

ExxonMobil is seeking to use tanker trucks to haul oil through Santa Barbara County while the Plains All American pipeline that ruptured and spilled crude into the ocean May 19 is out of commission. The Los Angeles Times reports that ExxonMobil officials on Thursday told county officials they want to use a fleet of 5,000-gallon tankers. The head of the county's energy division said the company proposes to have trucks use U.S. 101 at a frequency of eight trucks per hour, 24 hours a day, every day. ExxonMobil normally moves crude from three offshore platforms through more than 10 miles of pipeline owned by Plains All American. The flow has stopped since the pipe ruptured. A decision on the request could be made by Monday.

Reuters, 11:02 June 5, 2015

### **Update: Phillips 66 Says Its Crude Oil Pipeline Repaired June 4 after Small Leak June 2**

Phillips 66 said a crude oil pipeline that supplies its 44,500 b/d Santa Maria upgrading facility in Arroyo Grande, California, was fixed after a small leak and restarted on Thursday. The company shut the line after about a barrel of crude leaked on Tuesday. The cause of the leak was under investigation, Phillips 66 said.

Reuters, 16:18 June 4, 2015

### **Phillips 66 Reports Process Upset at Its 146,000 b/d Borger, Texas Refinery June 4**

Reuters, 17:24 June 4, 2015

### **Shell Reports Restarting Unit at Its Scotford, Alberta Facility June 4**

Royal Dutch Shell Plc reported restarting a unit at its Scotford, Alberta facility on June 4, according to a community information line. Shell runs a 255,000 b/d oil sands upgrader facility and a 100,000 b/d refinery at Scotford.

Reuters, 19:32 June 4, 2015

### **BP Reports Emissions Due to Hydrocracker Startup at Its 225,000 b/d Cherry Point, Washington Refinery June 2**

Reuters, 18:40 June 4, 2015

### **Shell Reports Hydrotreater Shutdown, Flaring at Its 145,000 b/d Anacortes, Washington Refinery June 3**

Reuters, 18:40 June 4, 2015

### **Tesoro Says Operations Normal after Small Fire at Its 166,000 b/d Martinez, California Refinery June 4**

Tesoro Corp reported its Martinez, California refinery on Wednesday experienced a small fire on an unspecified unit. There was no impact to production and the refinery was operating normally.

Reuters, 14:49 June 4, 2015

### **Pembina Pipeline Corporation Announces Expansion of Horizon Pipeline System in Alberta**

Pembina Pipeline Corporation on Thursday announced that it will expand its existing 319-mile Horizon Pipeline System. The Horizon Expansion will increase the pipeline's capacity up to 250,000 b/d, which will be achieved predominantly through the upgrading of mainline pump stations and other facility modifications, as required. Subject to regulatory and environmental approvals, the Horizon Expansion is expected to be in service mid-2016. Horizon was originally commissioned in 2008 and built to connect Canadian Natural Resources Limited's Horizon Oil Sands facility to refineries, export pipelines and other delivery locations in the Edmonton area. Horizon is operated under the terms of a 25-year fixed return contract, which expires in 2034.

<http://www.pembina.com/media-centre/news-releases/news-details/?nid=135283>

<http://www.pembina.com/about-us/our-operations/>

## **Cenovus Buys Canexus' North American Terminal Operations Rail Loading Terminal in Alberta**

Cenovus Energy Inc. on Thursday announced it agreed to purchase Canexus Corporation's North American Terminal Operations (NATO), a crude-by-rail trans-loading facility. Located approximately 31-miles northeast of Edmonton in Bruderheim, Alberta, the terminal has strategic value for Cenovus due to its existing pipeline connections to the Cold Lake and Access crude oil pipeline systems as well as its links to the Canadian Pacific and Canadian National rail lines. Cenovus currently transports production volumes from its Foster Creek steam-assisted gravity drainage (SAGD) operation to Bruderheim on the Cold Lake pipeline. The terminal also has the ability to be expanded at a relatively low capital cost if changing market conditions make rail economics more attractive. Additionally, there is undeveloped land included in the transaction that provides significant potential for Cenovus as it evaluates a number of possible value-added projects. Cenovus plans to hire a third-party service provider to manage the rail car trans-loading facility. Cenovus began moving its oil through the facility in 2014 and has a multi-year agreement for bitumen blend pipeline receiving and unit train loading services. The transaction is expected to close August 31, subject to certain conditions.

<http://www.cenovus.com/news/news-releases/2015/0604-rail-loading-terminal-acquired.pdf>

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## ***Natural Gas***

### **Regency Reports Shutdown to Replace Breaker at Its 290 MMcf/d Waha Gas Plant in Texas June 4**

Regency reported its Waha gas plant was shut to replace a 250 amp breaker that feeds the switch rack for the recompressors and hot oil system. The plant was restarted and all equipment was running.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=215305>

### **Tallgrass Energy's 1,800 MMcf/d Rockies Express Zone 3 East-to-West Pipeline In-Service Date Pushed into Third Quarter**

Tallgrass Energy has confirmed that the Rockies Express (REX) Zone 3 East-to-West project has been delayed and will not be completed until July 2015 or later in third quarter 2015. The project is set to provide an additional 1,200 MMcf/d of firm transportation service, which has been fully contracted. Once complete, Zone 3 on REX will be able to flow 1,800 MMcf/d bi-directionally between the Clarington Hub and the Moultrie interconnect with NGPL, 600 MMcf/d of which is currently being served by the Seneca Lateral. As of June 1, 2015, East-to-West flows reside around 1,060 MMcf/d. This reversal will allow Appalachian gas to reach Midwestern markets via interconnects with NGPL, ANR, Midwestern GT, Panhandle, and Trunkline. The aggregate design capacity for these delivery interconnects will essentially double from 1,572 MMcf/d to 3,102 MMcf/d. The Moultrie interconnect with NGPL makes up the bulk of the incremental capacity by adding 1,135 MMcf/d.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=47955](http://www.downstreamtoday.com/news/article.aspx?a_id=47955)

### **Sunoco Logistics Plans Additional Pipeline to Deliver Marcellus Shale to Marcus Hook Complex in Pennsylvania**

Sunoco Logistics Partners on Thursday said it plans to build an additional pipeline to deliver Marcellus Shale products to Marcus Hook. The company said it now intends to build two pipelines simultaneously as part of its Mariner East 2 project. The project, announced in November, is the second phase of a plan to move materials including propane, butane, and ethane from Appalachian shale-gas fields to the Marcus Hook Industrial Complex southwest of Philadelphia, Pennsylvania. The new twin pipelines would largely follow the route of Sunoco's first Mariner East project, a 70,000 b/d, 84-year-old repurposed fuel pipeline crossing Pennsylvania that went into service in December. Sunoco Logistics recently began securing easements on the 350-mile Mariner East 2 route that provide for construction of two pipelines. The new 20-inch Mariner East 2 project proposed last year would deliver 275,000 b/d when it comes online at the end of 2016. The second new pipeline, 16-inches in diameter, would deliver 225,000 b/d.

Reuters 5:10 June 5, 2015

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## ***Other News***

Nothing to report.

### OPEC to Maintain Oil Output Ceiling

The Organization of the Petroleum Exporting Countries (OPEC) agreed on Friday to stick by its policy of unconstrained oil output for another six months, setting aside warnings of a second lurch lower in prices as some members such as Iran look to ramp up exports.

[http://www.rigzone.com/news/oil\\_gas/a/138971/OPEC\\_Agrees\\_to\\_Maintain\\_Oil\\_Output#sthash.J88uNOQb.dpuf](http://www.rigzone.com/news/oil_gas/a/138971/OPEC_Agrees_to_Maintain_Oil_Output#sthash.J88uNOQb.dpuf)

### Iraqi Kurdistan Crude Oil Flow to Turkey at 650,000 b/d

Crude oil flow from Iraq's Kirkuk and Kurdish oil fields to Turkey's Mediterranean port of Ceyhan was continuing at a rate of 650,000 b/d, the Turkish Energy Minister said late on Thursday. He said it included the oil allocated to SOMO, Iraq's state oil marketing company. Crude allocation to SOMO was halted for three days this week but flows resumed on Thursday.

Reuters, 4:04 June 5, 2015

### Saudi Arabia's May Oil Production at 10.3 Million b/d – Source

Saudi Arabia continued pumping crude at around 10.3 million b/d in May, a Gulf source said on Friday, holding output steady at the highest level in at least three decades.

Reuters, 3:42 June 5, 2015

## Energy Prices

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U.S. Oil and Gas Prices			
June 5, 2015			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	57.70	59.50	102.33
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.59	2.77	4.69

Source: Reuters

## Links

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***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](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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