



ENERGY ASSURANCE DAILY

Monday Evening, November 10, 2014

Electricity

Sempra and Con Edison to Partner on 75 MW Broken Bow II Wind Farm in Nebraska

Sempra Energy and Consolidated Edison Inc. on November 7 agreed to partner on the 75 MW Broken Bow II wind farm in Custer County, Nebraska. The wind farm began operations last month. Under the agreement, the companies will each own a 50 percent interest in the wind facility. Sempra will continue to provide operations and maintenance services for the plant, which generates enough renewable energy to power about 30,000 Nebraska homes.

<http://sempra.mediaroom.com/index.php?s=19080&item=136988>

Duke Energy Restores Power to More Than 16,000 Customers in North Carolina November 9

More than 16,000 Duke Energy customers lost power Sunday afternoon in North Carolina. About 10,000 customers in the Matthews area through Indian Trail, and approximately 6,000 customers in east Charlotte were without power, but Duke restored power to all customers that evening. The company has not determined the cause of the outage but said the disruption was transmission-related.

<http://www.wcnc.com/story/news/local/2014/11/09/matthews-outage/18768465/>

<http://www.wbtv.com/story/27338005/power-outages-sweep-through-charlotte>

PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey at Full Power by November 9

On the morning of November 8 the unit was reduced to 87 percent.

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

PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania at Full Power by November 9

On the morning of November 8 the unit was reduced to 89 percent.

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

NMC's 578 MW Monticello Nuclear Unit in Minnesota Ramped Up to 69 Percent by November 9

On the morning of November 8 the unit was operating at 35 percent.

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

Update: Indiana-Michigan Power's 1,000 MW D.C. Cook Nuclear Unit 1 in Michigan at Full Power by November 8

On the morning of November 7 the unit was operating at 48 percent. Unit 1 and Unit 2 were shut down November 1 after rough water conditions affected cooling water intake screens.

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

FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Shut by November 8

On the morning of November 7, the plant experienced an automatic reactor scram due to a loss of feedwater, which resulted in receiving valid reactor vessel water Level 3 and Level 2 initiation signals. The motor feed pump automatically started and is being used to control reactor vessel water level. The High Pressure Core Spray and Reactor Core Isolation Cooling systems have been returned to the standby mode. Unit 1 was shut and the plant is stable with cooldown and depressurization. The cause of the loss of feedwater is under investigation.

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

Update: MDU Resources and Calumet's 20,000 b/d Dakota Prairie Refinery in Dickinson, North Dakota to Start Processing Crude in December

MDU Resources and Calumet Specialty Products Partners said their Dakota Prairie oil refinery near Dickinson, North Dakota, will start producing fuel next month. Construction on the plant started in March 2013. The 20,000 b/d refinery processes crude from the rich Bakken and Three Forks formations in western North Dakota, turning it into 7,000 b/d of fuel.

<http://finance.yahoo.com/news/dickinson-refinery-start-producing-next-140819918.html>

Flint Hills Reports Leak at Its 293,000 b/d Corpus Christi, Texas Refinery November 9

According to a filing with the Texas Commission on Environmental Quality, Flint Hills Resources discovered a leak at the pump case bottom bleeder of slurry oil pump E0310P125 at the East Plant at its Corpus Christi, Texas, refinery on Sunday morning. Operators initiated prompt measures to assess, minimize, and correct the upset conditions, reduced the flow to the pump, and blocked in the pump to end the release.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=206235>

Shell Reports Leak at Its 327,000 b/d Deer Park, Texas Refinery November 7

Royal Dutch Shell PLC reported a leak in processing piping at its Deer Park refinery in Texas, Friday, causing a release of benzene. The report did not indicate whether the release took place at the refinery or the chemical plant in the facility.

Reuters, 9:09 November 10, 2014

PBF Energy Reports SRU Emissions at Its 160,000 b/d Toledo, Ohio Refinery November 8

PBF Energy Inc. reported a release of hydrogen sulfide from a sulfur recovery unit (SRU) at its refinery in Toledo, Ohio, caused by a malfunction in the sulfur pit on Saturday.

Reuters, 8:49 November 10, 2014

Atlantic Basin Says it Will Reconfigure, Restart St. Croix Refinery in U.S. Virgin Islands November 10

Atlantic Basin Refining Inc. said Monday that it had officially agreed to purchase Hovensa LLC, including a refinery on the south shore of Saint Croix, which has been idle since 2012. Atlantic Basin will reconfigure and restart the refinery with the capacity to process 300,000 b/d of crude oil. It still must meet with the U.S. Virgin Islands Government to discuss terms and conditions of Hovensa, LLC's operations of the refinery.

<http://www.prnewswire.com/news-releases/atlantic-basin-refining-inc-abr-announces-agreement-in-principle-to-acquire-hovensa-llc-in-the-usvi-282123881.html>

Total Reports Emissions at Its 225,000 b/d Port Arthur, Texas Refinery November 8

Total SA reported that during startup of Unit 819 at its Port Arthur refinery in Texas, the refinery exceeded MSS permit conditions, which caused emissions. Operators restarted the unit, and it is operating at normal conditions, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=206230>

Enbridge's 450,000 b/d Seaway Twin Pipeline Experiences Operational Problem

Enbridge Inc.'s Seaway Twin pipeline, to carry Canadian oil sands crude from Cushing, Oklahoma, to the U.S. Gulf Coast, may not be able to start shipping crude as soon as expected due to an unspecified operational problem related to the main terminal for the pipeline, Enterprise Crude Oil Houston (ECHO) terminal. The pipeline will be filled with crude from the company's new 600,000 b/d Flanagan South pipeline, which has already begun linefill, with the first barrels of Canadian heavy crude on track to reach the Gulf Coast through the two lines by early December. However, some shippers are concerned that until ECHO is prepared to receive all the crude flowing through the Seaway Twin pipeline, it will have to be stored in Cushing, adding more pressure to tumbling oil prices.

Reuters, 12:29 November 7, 2014

Natural Gas

Regency Reports AGI Compressor Shut at Its 290 MMcf/d Waha Gas Plant in Texas November 9

Regency reported a high first stage suction temperature causing the acid gas injector (AGI) compressor to shut. Operators opened louvers on the reflux condenser to reduce the suction temperature and reset and restarted the AGI compressor.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=206231>

Atlas Pipeline Reports Process Malfunction at Its 195 MMcf/d Midkiff Gas Plant in Texas November 8

Atlas reported that a process valve on dehy bed failed while in service, causing the other bed to pressure up and malfunction. The company said operators will possibly replace the Johnson screen as soon as possible.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=206234>

Targa Reports AGC Shut at Its 150 MMcf/d Sand Hills Gas Plant in Texas November 7

Targa reported the acid gas compressor (AGC), C-14, was shut due to high discharge pressure on the third stage of compression. This caused acid gas to be routed to the emergency acid gas flare, F-4. Operators made repairs and restarted the AGC. The emergency acid gas flare ceased.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=206223>

Other News

Thieves Steal \$20,000 Worth of Copper Wire from SCE Substation in California October 28

According to the Porterville police, thieves stole 7,000 to 8,000 feet of copper wire worth \$20,000 from Southern California Edison's Porterville substation on October 28.

http://www.fresnobee.com/2014/11/07/4222455_porterville-police-thieves-steal.html?rh=1

International News

Update: Kazakhstan's Kashagan Oilfield to Resume Production by 2017

According to Total SA, Kazakhstan's Kashagan Oilfield will resume production by 2017 following the replacement of faulty pipelines. Output will start at the earliest in 2016. Production at the oilfield began in September 2013 but was halted in October after gas leaks in the field's pipeline network were detected. Recoverable reserves at Kashagan are estimated at 9 billion to 13 billion barrels of oil.

<http://www.bloomberg.com/news/2014-11-10/kashagan-oil-field-seen-by-total-producing-2017-at-latest.html?cmpid=yhoo>

Update: Libya Plans to Resume Output at El Sharara Oil Field November 10; El Feel Remains Closed

Libya plans to resume output at its El Sharara oil field Monday, after an armed group seized the field November 5, shutting down oil production, according to a spokesperson for the state-run National Oil Corp. The field has a maximum capacity of 340,000 b/d, but was producing approximately 200,000 b/d right before the shutdown. Libya's El Feel oil field, which shut due to a power outage, remains closed, according to the National Oil Corp.

<http://www.hellenicshippingnews.com/libya-plans-to-resume-output-at-biggest-oil-field-today/>

http://www.defenceweb.co.za/index.php?option=com_content&view=article&id=36944:libyas-el-feel-oil-field-shut-down-third-site-within-days&catid=3:Civil%20Security&Itemid=113

Energy Prices

U.S. Oil and Gas Prices November 10, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	78.03	80.16	94.52
NATURAL GAS Henry Hub \$/Million Btu	4.01	3.78	3.62

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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