



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

ENERGY ASSURANCE DAILY

Monday Evening, December 10, 2012

Electricity

Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Shut by December 9

On the morning of December 8 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

FPL's 839 MW Saint Lucie Nuclear Unit 2 in Florida Reduced to 40 Percent by December 10

Saint Lucie Unit 2 was returning from a planned refueling outage and had ramped up to 87 percent power by December 9, before being reduced to 40 percent power by December 10.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

Update: FPL's 565 MW Duane Arnold Nuclear Unit in Iowa Restarts, Ramps Up to 53 Percent by December 8

On the morning of December 7 the unit was not operating. The unit had been returning from a planned refueling outage and had ramped up to 71 percent power by the morning of December 1 before shutting down by December 2.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

Update: Dynegy's 335 MW El Segundo Natural Gas-Fired Unit 4 in California Returns to Service by December 7

The unit returned from an unplanned outage that began by December 6.

<http://content.caiso.com/unitstatus/data/unitstatus201212071515.html>

Update: Mirant's 312 MW Pittsburg Natural Gas-Fired Unit 5 in California Returns to Service by December 7

The unit returned from an unplanned outage that began by December 6.

<http://content.caiso.com/unitstatus/data/unitstatus201212071515.html>

AES's 226 MW Huntington Beach Natural Gas-Fired Unit 2 in California Reduced by December 7

The unit entered an unplanned curtailment of 206 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201212071515.html>

GenOn's 215 MW Mandalay Natural Gas-Fired Unit 2 in California Shut by December 7

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201212071515.html>

Cleco Power Makes Initial Filing with Louisiana PSC to Join Midwest ISO

Cleco Power on Friday announced it has filed a change of control request with the Louisiana Public Service Commission to join the Midwest Independent Transmission System Operator (MISO). If approved, Cleco would in January 2014 transfer functional control of certain transmission assets to MISO, including transmission planning and congestion management. MISO also would dispatch generation within Cleco's balancing area. Cleco would retain ownership of its transmission and generation assets and maintain responsibility for local system reliability planning.

<http://investors.cleco.com/phoenix.zhtml?c=82212&p=irol-newsArticle&ID=1765450>

Update: CVR Energy Says Human Error, Procedural Inconsistencies Caused Boiler Explosion at Its 70,000 b/d Wynnewood, Oklahoma Refinery in September

CVR Energy, Inc. on Thursday confirmed it has completed its internal incident investigation on the September 28 boiler explosion at the Wynnewood refinery, which resulted in the death of two employees. The full report was provided to the Occupational Safety and Health Administration and other regulatory agencies. The company's investigation identified the cause of the explosion as a combination of human error and inconsistencies in standard operating procedures and operator training. The investigation confirmed the boiler had no mechanical issues. CVR said it was in the process of implementing the report's recommended corrective actions, which include reviewing and modifying operating procedures for boiler startup operations; modifying the operator training curriculum to support new and existing standard operating procedures; and incorporating leadership expectations into operator training.

<http://cvrenergy.com/NewsRoom/2012-12-06>

Seal Failure on Cracking Unit Triggers Flaring at Phillips 66's 362,000 b/d Wood River, Illinois Refinery December 8

Phillips 66 reported a seal failure on a cracking unit at its Wood River refinery triggered flaring on Saturday, according to filings with the U.S. National Response Center and the Illinois Emergency Management Agency. The filings did not specify what type of cracking unit sustained the seal failure, which caused a compressor to fail on the unit. Hydrogen sulfide was released in the incident.

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1032676

Reuters, 16:54 December 9, 2012

Valero Says New HCU Is Operational at Its 310,000 b/d Port Arthur, Texas Refinery

Valero Energy Corp. said a new hydrocracking unit (HCU) has become operational at its Port Arthur refinery and will gradually ramp up to planned rates, according to a spokesman. The refinery also reported it restarted an amine treating unit on Saturday, according to a filing with state pollution regulators.

Reuters, 16:10 December 9, 2012

Reuters, 10:36 December 10, 2012

BP Reports HCU Compressor Upset at Its 225,000 b/d Cherry Point, Washington Refinery November 29

BP Plc reported a hydrocracking unit (HCU) compressor upset at its Cherry Point refinery in a filing with Northwest Clean Air Agency on November 29.

Reuters, 12:50 December 7, 2012

Valero Reports Compressor Failure at Its 135,000 b/d Wilmington, California Refinery December 9

Valero Energy Corp. reported a compressor failure at its Wilmington refinery Sunday afternoon caused sulfur dioxide to release to the flare, according to a filing with the U.S. National Response Center.

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1032795

Update: Cook Inlet Energy Files for Right-of-Way Lease to Build 90,000 b/d Trans-Foreland Crude Oil Pipeline in Alaska

Cook Inlet Energy LLC (CIE) on November 26 applied to the Alaska Department of Natural Resources for a right-of-way lease for the proposed Trans-Foreland Pipeline. CIE is proposing to construct the 29-mile, 8-inch crude oil pipeline from its existing Kustatan Production Facility on the west side of Cook Inlet to the Kenai Pipeline Company Tank Farm near Tesoro's 72,000 b/d Kenai refinery on the east side of the inlet. Portions of the pipeline will be installed on the seafloor of Cook Inlet. The pipeline could reduce or eliminate practice of shipping crude oil by tank vessel from the west side of the inlet to the Tesoro refinery at Nikiski on the Kenai Peninsula. The pipeline is slated to commence operations in August 2014.

<http://www.adn.com/2012/12/08/2717941/independent-seeks-to-build-29.html>

<http://dnr.alaska.gov/commis/pco/documents/Trans-Foreland/project%20description.pdf>

<http://dnr.alaska.gov/commis/pco/documents/Trans-Foreland/SPCO%20ROW%20Application%2020121126.pdf>

Treater Malfunction Causes Emissions at DCP Midstream's 160 MMcf/d Goldsmith Gas Plant in Texas December 8

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=176932>

Southern Union Gas Services Reports Flaring at Its 140 MMcf/d Keystone Gas Plant in Texas December 8

Southern Union Gas Services reported it was flaring low-pressure gas from its Keystone plant on Saturday after field compressors upstream went down during pigging operations, catching liquids from producers, according to a filing with the Texas Commission on Environmental Quality. Emissions related to this incident lasted until late Sunday morning, the filing said.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=176933>

Other News

Update: Canada Approves CNOOC, PETRONAS Bids for Nexen, Progress Energy

Canadian Prime Minister Stephen Harper on December 7 approved CNOOC Ltd.'s \$15.1 billion takeover of Nexen Inc., as well as Petroliaam Nasional Bhd.'s (PETRONAS) \$5.26 billion takeover of Progress Energy Resources Corp. CNOOC is China's largest offshore oil company by production. Acquiring Nexen would allow it to secure oil and gas reserves in western Canada, the U.S. Gulf of Mexico, offshore Nigeria, and the U.K. North Sea. The proposed deal, which was first announced in July, must still secure regulatory approval from the United States for the takeover of Nexen's assets in the U.S. Gulf of Mexico. The acquisition of Progress by PETRONAS gives the Malaysian state-owned company gas reserves to build a liquefied natural gas export facility along the British Columbia coast, the companies said. PETRONAS and Progress have now received all necessary regulatory approvals for the acquisition, and the transaction is scheduled to be completed this week. The deal is the third-biggest foreign takeover in Canada this year. Harper said Canada won't approve state-owned companies taking controlling interests in any more oil sands projects, except in "exceptional circumstances."

<http://www.businessweek.com/news/2012-12-08/canada-approves-cnooc-petronas-bids-for-nexen-progress-energy>

<http://www.cnooltd.com/encnooltd/newszx/news/2012/2181.shtml>

<http://www.petronas.com.my/media-releases>

International News

Update: Saudi Arabia Says August Cyber Attack Aimed to Disrupt Oil and Gas Production

Saudi Arabia's national oil company, Aramco, on Sunday said the previously reported cyber attack against it last August was aimed at stopping oil and gas production, according to an executive. The attack damaged 30,000 computers but failed to disrupt production. The attack used a computer virus known as "Shamoon," which infected workstations on August 15 and forced the company to shut down its main internal network for more than a week. An investigation is ongoing. Hackers from a group called "Cutting Sword of Justice" claimed responsibility for the attack, saying their motives were political and that the virus gave them access to documents from Aramco's computers, which they threatened to release. No documents have so far been published.

Reuters, 14:30 December 9, 2012

Energy Prices

U.S. Oil and Gas Prices December 10, 2012			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	85.78	88.70	98.55
NATURAL GAS Henry Hub \$/Million Btu	3.33	3.46	3.42

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 and 1:00 PM Eastern Time every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM Eastern Time every Thursday.

ENERGY ASSURANCE DAILY

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

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