



ENERGY ASSURANCE DAILY

Tuesday Evening, November 20, 2012

Major Developments

PSE&G Restarts One Quarter of New Jersey Power Plants Knocked Offline by Hurricane Sandy; Storm Impacted 3,800 MW of Generation

Public Service Electric and Gas (PSE&G) said Monday that it has restarted about a quarter of its power plants in New Jersey that were brought offline by Hurricane Sandy. The storm caused damage to some of the company's generation sites in northern New Jersey. Since the storm, PSE&G has restored 916 MW to the grid, with 1,535 MW in recovery and undergoing planned maintenance outages, and 1,371 MW undergoing assessment and recovery. The storm affected approximately 3,800 MW of generation, including units at the company's Kearny (463 MW), Linden (1,570 MW), and Sewaren (558 MW) power plants in northern New Jersey.

<http://www.reuters.com/article/2012/11/19/storm-sandy-pseg-newjersey-idUSL1E8MJ76X20121119?feedType=RSS&feedName=rbssEnergyNews&rpc=43>

Electricity

PPL Shuts Its 1,111 MW Susquehanna Nuclear Unit 2 in Pennsylvania Due to Hydraulic Oil Leak November 19

Operators at PPL's Susquehanna nuclear power plant manually shut down Unit 2 on Monday due to a hydraulic oil leak on a system that controls the flow of steam into the turbine. The shutdown occurred shortly after PPL had restarted the unit and ramped up to 15 percent of capacity following a shutdown November 9 caused by a malfunction at the computer system that controls the reactor's water level. According to the company, the leak is contained within the Turbine building, and Unit 1 is operating safely at full power.

<http://finance.yahoo.com/news/operators-shut-down-unit-2-070900759.html>

Reuters, 9:11 November 20, 2012

Update: Entergy to Use Spare Transformer at Its 813 MW FitzPatrick Nuclear Unit in New York

Entergy Corp. said Monday that it will use a spare transformer at its 813 MW FitzPatrick Nuclear Unit in New York to replace one damaged during a fire on November 11. The transformer impacted by the fire is one of two main transformers at the plant. After evaluating the spare, Entergy determined that it was sufficient to put in. However, it did not say when the unit would return to service.

<http://www.reuters.com/article/2012/11/19/utilities-operations-entergy-fitzpatrick-idUSL1E8MJAXZ20121119?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43>

Constellation's 1,120 MW Nine Mile Point Nuclear Unit 2 in New York Ramped Up to 32 Percent by November 20

The Nuclear Regulatory Commission reported that on the morning of November 19 the unit was operating at 1 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Reduced to 60 Percent by November 20

The Nuclear Regulatory Commission reported that on the morning of November 19 the unit was operating at 84 percent.

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

Update: Luminant's 1,150 MW Comanche Peak Nuclear Unit 2 in Texas Ramps Up to 75 Percent by November 20

The Nuclear Regulatory Commission reported that on the morning of November 19 the unit was operating at 57 percent.

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

Update: Federal Judge Approves Restart of GVEA's 50 MW Healy Clean Coal Plant in Alaska

A federal judge has approved an agreement between Golden Valley Electric Association (GVEA), the state of Alaska, and federal regulators to allow GVEA to restart the 50 MW Healy Clean Coal Plant in Fairbanks, Alaska. The company said it would strive to have the \$300 million plant online and producing electricity by March 2015. It plans to buy the plant from the state, and install about \$40 million of pollution controls at the plant and spend an additional \$20 million to get it running. The plant closed in 2000 after a spotty record of reliability and safety concerns.

http://newsminer.com/view/full_story/20888730/article-Judge-s-consent-decree-allows-Healy-Clean-Coal-Plant-to-move-forward-?instance=home_news_window_left_top_1

Petroleum

Update: Chevron Delays Repairs to Fire-Damaged CDU at Its 245,271 b/d Richmond, California Refinery

Chevron Corp. reported Monday that it was delaying replacing the crude distillation unit (CDU) damaged by an August 6 fire at its 245,271 b/d Richmond refinery in California. The company said it is waiting until questions raised by investigators and regulators about the metallurgy of the replacement pipe are resolved. The pipe that failed, triggering the Aug. 6 fire, was made of carbon steel and suffered significant thinning due to corrosion caused by the presence of sulfur at high temperatures, in a process called sulfidation. Chevron said it would make repairs using steel pipe containing 9 percent chromium to prevent corrosion. However, the U.S. Chemical Safety Board said that stainless steel pipe with 18 percent chromium is the best choice to prevent corrosion in high-temperature sulfur environments. Before this delay, Chevron had said it expected the refinery to restart sometime in the first quarter of 2013.

Reuters, 16:03 November 19, 2012

Update: Magellan Midstream, Occidental Petroleum to Build 278,000 b/d BridgeTex Crude Oil Pipeline from the Permian Basin to the Texas Gulf Coast

Magellan Midstream Partners, L.P. and Occidental Petroleum Corporation have entered into an agreement to build a 278,000 b/d crude oil pipeline, the BridgeTex Pipeline, to transport crude oil from Colorado City in Texas's Permian Basin to Texas City on the Texas Gulf Coast. The project includes approximately 400 miles of newly-constructed pipeline and an expansion by Magellan of its distribution system between East Houston and Texas City. Subject to sufficient commitments from shippers and necessary permits and regulatory approvals, the BridgeTex Pipeline is expected to begin service by mid-2014.

<http://finance.yahoo.com/news/occidental-build-oil-pipeline-131910603.html>

Update: BSEE Begins Investigation of Explosion at Black Elk Energy Production Rig in the Gulf of Mexico

The Bureau of Safety and Environmental Enforcement (BSEE) has begun an investigation into the November 16 fire that broke out at a platform operated by Black Elk Energy in the West Delta Block 32 in the Gulf of Mexico, about 17 miles southeast of Grand Isle, Louisiana. The BSEE is working to ensure that Black Elk takes all appropriate steps to make the platform safe for personnel to be aboard by developing a safety plan to govern future activities, preventing possible future pollution from residual oil released during the explosion and fire, and securing physical evidence for the investigation. It plans to collect and safeguard physical evidence and gather accounts from personnel who were on board at the time of the explosion and fire. The bureau is also overseeing the securing and clean-up of residual oil accumulations on the facility to prevent any additional pollution.

<http://www.bsee.gov/BSEE-Newsroom/Press-Releases/2012/Press11192012.aspx>

Natural Gas

Clean Energy, GE Assessing Sites for Small-Scale LNG Plants to Support LNG Fueling Network for Trucking Industry

Clean Energy Fuels and GE Oil & Gas have entered an agreement under which Clean Energy would use GE's technology as the basis for the coast-to-coast and border-to-border liquefied natural gas (LNG) fueling network it is developing for the trucking industry. Under the agreement, Clean Energy will buy two "MicroLNG" plants from GE and use a standardized design of the GE technology to build subsequent plants as it expands its LNG fueling network. The first two plants will each produce up to 250,000 gallons of LNG per day, which equates to approximately 54 million diesel gallon equivalents per year, and each unit's production capacity can be scaled up to 1 million gallons per day as trucking industry adoption and demand dictate. The companies anticipate the two LNG plants could begin operations in 2015.

http://www.rigzone.com/news/oil_gas/a/122125/Clean_Energy_GE_Assessing_Sites_for_SmallScale_LNG_Plants

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
November 20, 2012			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	87.17	85.72	97.55
NATURAL GAS Henry Hub \$/Million Btu	3.63	3.40	2.94

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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