



ENERGY ASSURANCE DAILY

Monday Evening, December 08, 2014

Electricity

Update: FPL's 693 MW Turkey Point Nuclear Unit 4 in Florida Restarts by December 5, Ramps Up to 99 Percent by December 6

By the morning of December 5 the unit had restarted and was operating at 50 percent. The unit was shut from 29 percent power by December 1. The unit was shut to allow FPL workers to work on a turbine on the non-nuclear side of the plant.

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

<http://www.sun-sentinel.com/business/consumer/fl-turkey-point-reactor-20141203-story.html>

Update: FPL's 510 MW Point Beach Nuclear Unit 1 in Wisconsin at Full Power by December 6

On the morning of December 5 the unit was operating at 48 percent after restarting by December 4. The unit was shut on December 2 due to failure of the condensate pump.

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

DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan Reduced to 55 Percent by December 8

On the morning of December 7 the unit was operating at full power.

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

Update: PCWA's 218 MW Middle Fork and Ralston PSP Hydro Unit in California Returns to Service by December 5

The unit returned from an unplanned outage that began by December 2.

<http://content.aiso.com/unitstatus/data/unitstatus201412051515.html>

Petroleum

Western Refining Shuts Units at Its 122,000 b/d El Paso, Texas Refinery Due to Power Outage December 6; Expects Units to be Fully Operational by Early December 8

Western Refining said it shut a number of units on the north side of its El Paso, Texas refinery due to a power outage on Saturday. The company on Sunday said it was in the process of restarting those units and should be fully operational late Sunday or early Monday.

Reuters, 22:16 December 7, 2014

Flint Hills Reports Diesel Spill at Its 293,000 b/d Corpus Christi, Texas East Refinery December 7

Flint Hills Resources reported operations personnel discovered that gaskets were compromised and spilling diesel to soil at the Corpus Christi, Texas East refinery, according to a filing with the Texas Commission on Environment Quality. Flint Hills reported the line was isolated to stop the leak.

Reuters, 20:57 December 7, 2014

Pasadena Refining Reports Planned Unit Startup After Repairs at Its 100,000 b/d Pasadena, Texas Refinery December 6

Pasadena Refining System reported planned startup of an unspecified unit at its refinery in Pasadena, Texas after completion of maintenance repairs on Saturday. The event led to emissions from the refinery's fluid catalytic cracking unit and the sulfur recovery unit, the company said in a filing with the Texas Commission on Environmental Quality.

Reuters, 22:33 December 7, 2014

Tesoro Reports Unit Shutdown, Restart at Its 166,000 b/d Martinez, California Refinery December 6

Tesoro Corp reported the shutdown and restart of an unspecified unit at its Golden Eagle refinery in Martinez, California on Saturday, according to a filing with the California Emergency Management Agency. The event led to sulfur dioxide emissions, the filing said. On Monday, Tesoro reported operations were running normally.

Reuters, 23:06 December 7, 2014

Reuters, 10:55 December 8, 2014

Natural Gas

Tennessee Gas Pipeline Declares Force Majeure for Station 323 Unit 1A in Pennsylvania December 8

Tennessee Gas Pipeline Company, LLC declared a force majeure event for Station 323 Unit 1A near Lackawaxen, Pennsylvania. Tennessee determined the unit variable frequency drive (VFD) chiller compressor failed resulting in a shutdown of Unit 1A. Personnel were onsite and the investigation was continuing to determine the length of the repair. Tennessee was estimating the current impact to be up to 200 MMcf. Based upon current nominations, restrictions through a pro rata portion of Secondary In the Path (SIP) nominations pathed through Segment 320 FH may be required. Additionally, due to this force majeure event, the emergent repair work at Station 405A (HC Line) will be postponed until the Station 323 Unit 1A work is completed.

http://pipeline2.kindermorgan.com/Notices/NoticeDetail.aspx?code=TGP¬c_nbr=354180&date=12/8/2014&subject=¬c_type=-1¬c_sub_type=-1¬c_ind=C

Algonquin Gas Transmission Reports Unplanned Outage at Its Cromwell Compressor Station in Connecticut December 8

Algonquin Gas Transmission (AGT) experienced an unplanned outage at its Cromwell, Connecticut compressor station and repair efforts were underway. As a consequence of this outage, AGT estimates that it is experiencing a capacity reduction of approximately 80 MMcf/d through and downstream of Cromwell.

<https://infopost.spectraenergy.com/infopost/NoticeListDetail.asp?strKey1=47712&type=CRI&Embed=2&pipe=AG>

Update: Southern Natural Gas Completes Unscheduled Pipeline Valve Maintenance West of Enterprise Compressor Station in Mississippi December 8

Southern reported it completed unscheduled pipeline valve maintenance on the 26-inch South Main 2ND Loop line west of the Enterprise compressor station located in Mississippi. The pipe segment was out of service December 5-7.

<http://ixsnp.sonetpremier.com/ebbmastertpage/Notices/NoticesAutoTable.aspx?code=SNG&status=Notice&name=Critical%20Notices&sParam1=007&sParam7=36502&sParam11=D&details=Y>

Destin Says Cannot Receive Gas from 500 MMcf/d Viosca Knoll Gathering System Receipt Point Offshore Louisiana until December 9 Due to Maintenance Delay

Destin Pipeline Co LLC said on Sunday it would not be able to receive natural gas from its 500 MMcf/d Viosca Knoll Gathering System (VKGS) receipt point until December 9 due to a delay in maintenance activity at its MP 260 platform. The VKGS is a 600 MMcf/d natural gas gathering system located off the coast of Louisiana that gathers production into several major interstate pipelines including Tennessee Gas, Columbia Gulf, Southern Natural, Transco, Dauphin Island and Destin. The 225-mile Destin gas pipeline system has the capacity to carry 1.2 Bcf/d from the Gulf of Mexico to interconnections with nine major interstate gas lines.

Reuters, 00:00 December 8, 2014

<http://www.destin-pipeline.com/>

<http://www.enterpriseproducts.com/operations/offshoreNatGasPipe.shtm>

http://www.destin-pipeline.com/DESTIN_MAP.pdf

Atlas Reports Scrubber Shut at Its 200 MMcf/d Driver Gas Plant in Texas December 7

Atlas reported the Atmos Gas Company scrubber filled up and shut down the shutdown valve. The company took down two residue units to minimize main residue outlet relief valve emissions. A contractor was called to remove fluids from the Atmos scrubber and put two residues back online.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=207169>

Enbridge Reports Shutdown Due to Third Party Power Outage at Its Pittsburg Gas Plant in Texas December 5

Enbridge reported the Pittsburg plant lost utility power provided by Upshur Rural resulting in a plant shutdown. Enbridge operators shut-in inlet gas until utility power was restored. Once power was restored, the treater was returned to service and back into compliance.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=207158>

Other News

Nothing to report.

International News

Statoil Shuts 4.3 Million Ton Per Year LNG Export Plant in Norway Due to Gas Leak

Norway's Statoil has shut Europe's only liquefied natural gas (LNG) plant for an indefinite period due to a gas leak, the company said on Monday. The plant processes gas from the offshore Snoehvit field in the Barents Sea and has the capacity to produce up to 4.3 million tonnes of LNG per year for transport by tanker. The company said the leak was under control but it did not yet know how long the outage would last.

Reuters, 7:48 December 8, 2014

Eni Starts Production at 100,000 b/d Angola Deep Offshore Oilfield

Eni has started production of first oil from the West Hub Development Project in Block 15/06 in the Angolan Deep Offshore, approximately 217 miles northwest of Luanda and 81 miles west of Soyo. The field is currently producing 45,000 b/d through the N'Goma floating production, storage, and offloading (FPSO) vessel, with production ramp-up expected to reach a daily production of up to 100,000 b/d in the coming months. The start-up of the East Hub Development, expected in 2017, will raise overall production from Block 15/06 to 200,000 b/d.

[http://www.eni.com/en_IT/media/press-](http://www.eni.com/en_IT/media/press-releases/2014/12/eni_starts_production_west_hub_development_project_angola.shtml?home_2010_en_tab=editoria)

[releases/2014/12/eni_starts_production_west_hub_development_project_angola.shtml?home_2010_en_tab=editoria](http://www.eni.com/en_IT/media/press-releases/2014/12/eni_starts_production_west_hub_development_project_angola.shtml?home_2010_en_tab=editoria)
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Energy Prices

U.S. Oil and Gas Prices			
December 8, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	63.08	67.53	97.59
NATURAL GAS Henry Hub \$/Million Btu	3.43	4.24	3.97

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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