



ENERGY ASSURANCE DAILY

Monday Evening, December 09, 2013

Major Developments

Update: Major Snow, Ice Storm Moves Across Central, Eastern U.S. Leaving Thousands Without Power

A winter storm moved across the U.S. over the weekend leaving more than 270,000 Oncor customers in Texas without power. Oncor continued to make progress in getting power restored on Monday, and as of 3:00 p.m. EST, 19,442 customers remained without power. In Arkansas, approximately 60,000 customers were without power over the weekend, and as of Monday morning, less than 10,000 remained without power. Dominion reported more than 114,000 customers in Virginia lost power, and as of 3:00 p.m. EST, 48,142 customers remained without power. In Oklahoma, the Oklahoma Corporation Commission said service would likely be restored to the remaining 4,000 customers affected by Thursday or Friday.

<http://stormcenter.oncor.com/default.html>

<http://www.reuters.com/article/2013/12/09/us-usa-weather-idUSBRE9B313J20131209>

<http://www.arkansasmatters.com/story/roughly-12k-remain-without-power-in-ark/d/story/szwtgvznUEeNOXHkCKq9qw>

<https://www.dom.com/storm-center/dominion-electric-outage-summary.jsp>

Electricity

Update: RRI Energy, Inc.'s 320 MW Etiwanda Gas-fired Unit in California Returns to Service by December 8

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

<http://content.aiso.com/unitstatus/data/unitstatus201312081515.html>

Update: Mirant's 312 MW Pittsburg Gas-fired Unit in California Returns to Service by December 8

The unit returned from an unplanned outage that began December 7.

<http://content.aiso.com/unitstatus/data/unitstatus201312081515.html>

Calpine's 525 MW Sutter Gas-fired Unit in California Reduced by December 7

The unit entered an unplanned curtailment of 265 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201312071515.html>

Exelon's 1,022 MW Clinton Nuclear Unit in Illinois Shut December 8

On the morning of December 8 the unit was operating at 97 percent before it experienced a transformer fault, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131209en.html>

Update: Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts at Full Power by December 9

On the morning of December 7 the unit had restarted and ramped up to 14 percent power, according to the Nuclear Regulatory Commission. The unit was shut December 3 after a steam leak was detected on a valve that provides sealing steam to the main turbine.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: Constellation's 1,120 MW Nine Mile Point Nuclear Unit 2 in New York Restarts, Ramps Up to 20 Percent by December 8

The unit had been shut since December 3 due to the loss of both reactor recirculation pumps, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: Exelon's 802 MW Three Mile Island Nuclear Unit 1 in Pennsylvania at Full Power by December 7

On the morning of December 6 the unit was operating at 27 percent from 73 percent on December 5, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

TVA's 1,118 MW Browns Ferry Nuclear Unit 2 in Alabama Reduced to 55 Percent by December 7

On the morning of December 6 the unit was operating at full power, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Petroleum

Flint Hills Reports Emissions at Its 289,097 b/d Corpus Christi, Texas Refinery December 8

Flint Hills Resources reported a hydrocarbon release from a light ends unit condensate vent at the East Plant of its Corpus Christi, Texas refinery, according to a notice filed with the Texas Commission on Environmental Quality. The company was evaluating the incident, including the possibility of bypassing the propane dryer reboiler, the filing said.

Reuters, 19:40 December 8, 2013

Valero Reports Pump Failure at Its 200,000 b/d Corpus Christi, Texas Refinery December 8

Valero Energy Corp's reported a compressor discharge pump near a crude unit failed at its refinery in Corpus Christi, according to a filing with the Texas pollution regulators. The filing stated that an emission event occurred, sourced to a flare and a crude unit but it did not say what had been released into the atmosphere. It said the pump had been repaired and normal operations were restored.

Reuters, 17:08 December 8, 2013

Calumet Shuts Unit at Its 35,000 b/d Superior, Wisconsin Refinery December 7

Calumet Specialty Product Partners was shutting down a sulfur recovery unit at its Superior refinery in Wisconsin when it released hydrogen sulfide from a flare, according to a filing the National Response Center.

Reuters, 13:01 December 8, 2013

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1067858

Coffeyville Resources Reports FCCU Shut, Emissions at Its 115,700 b/d Coffeyville, Kansas Refinery December 7

Coffeyville Resources Refining was shutting down a fluid catalytic cracking unit (FCCU) at its Coffeyville refinery in Kansas when it released hydrogen sulfide from a flare, according to a filing with the National Response Center.

Reuters, 12:59 December 8, 2013

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1067837

Shell Reports Leak at Its 329,800 b/d Deer Park, Texas Refinery December 7

Royal Dutch Shell Plc reported a benzene-type leak from a flange close to a hydrotreater at its Deer Park refinery in Texas, according to a filing with the National Response Center. The leak of benzene-containing material was contained on a concrete pad and a nearby sewer, the filing said. A second filing with the National Response Center said an unknown amount of benzene had leaked due to a malfunction in an unspecified unit.

Reuters, 12:43 December 8, 2013

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1067818

MEG Energy to Build Diluent Recovery Unit in Alberta

MEG Energy plans to build a unit to extract diluent from heavy crude oil in Bruderheim, Alberta, enabling the company to ship raw bitumen from the oil sands by rail and boost returns on each barrel. The plant will be located next to the region's first crude-by-rail train terminal, built by Canexus Corp. Canexus' Bruderheim terminal is due to start shipping 50,000 b/d of crude this month, expanding to 100,000 b/d by the second half of next year. MEG's new facility is expected to be operational by late 2015 and will allow the company to extract condensate from blended bitumen that is delivered by pipeline from its Christina Lake site.

http://www.downstreamtoday.com/news/article.aspx?a_id=41622

<http://www.megenergy.com/news-room/article/meg-energy-announces-2014-capital-budget-and-guidance>

Natural Gas

DCP Midstream Reports Turbines Shut at Its 70 MMcf/d Fullerton Gas Plant in Texas December 8

DCP Midstream reported the East and West turbines went down at its Fullerton gas plant. When the turbines were brought back up, the plant went sour due to the increase of gas into the plant. The gas was sweetened, getting the compressors back online and reducing volume coming into the plant.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=191772>

DCP Midstream Reports Turbines Shut at Its 160 MMcf/d Goldsmith Gas Plant in Texas December 7, 8

DCP Midstream reported on December 8 that the turbine A inlet air filter differential got a high shutdown reading due to icing conditions on the filter elements. It shut down the turbine and caused the plant to flare gas. Upon investigation, it was determined that new cooler screens were plugged with ice due to fog and cold weather. The access door was opened to relieve pressure and immediately put turbine back online. On December 7 turbine B third stage suction scrubber high level transmitter froze up and showed a false high level, which shut down the turbine. Technicians worked on the level transmitter and the turbine was put back online.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=191753>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=191742>

Enbridge Reports AGIs Trip at Its Tilden Gas Plant in Texas December 7

Enbridge reported that due to freezing temperatures, BF compressor 3612 shut down due to low fuel pressure, causing acid gas injector (AGI) no. 2 to trip on low suction pressure. AGI no. 1 tripped due to an electrical compressor motor fault. Plant personnel started steam flow to the plant fuel skid to increase temperature on inlet fuel. The BF compressors were started and as acid gas came available, AGI no. 2 was restarted and stabilized. Electrical breakers were reset and AGI no. 1 was restarted and stabilized.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=191734>

Other News

Nothing to report.

International News

10,000 b/d Oil Export Pipeline in Yemen Bombed by Al-Qaida Suspects December 8

A Yemeni government official said that al-Qaida suspects bombed a major oil pipeline in the southeastern province of Shabwa of Yemen on Sunday evening. The attack targeted the main pipeline in the Usaylan area of the Shabwa province, halting oil shipments to the export terminal on the Gulf of Aden, the local government source said.

Repairing the pipeline is expected to take one to three weeks, local Yemeni officials said.

<http://www.turkishweekly.net/news/159451/al-qaida-suspects-bomb-oil-export-pipeline-in-yemen.html>

Eni's Tebidaba-Brass Pipeline in Nigeria Reopening After Fire

Italian energy company Eni has completed repairs on a Nigerian pipeline damaged by fire and is reopening production, the company said on Monday. On Sunday, Eni said it had shut down flowstations to the Tebidaba-Brass pipeline due to a fire. The company did not say what the cause was but its facilities in the Niger Delta are often targeted by oil thieves and saboteurs. Eni didn't say how much production was lost but in the previous shutdowns of the pipeline about 47,000 barrels per day has been deferred, industry experts say.
Reuters, 3:41 December 9, 2013

Energy Prices

| U.S. Oil and Gas Prices | | | |
|--|-------|----------|----------|
| December 9, 2013 | | | |
| | Today | Week Ago | Year Ago |
| CRUDE OIL West Texas Intermediate U.S. \$/Barrel | 97.72 | 93.81 | 85.67 |
| NATURAL GAS Henry Hub \$/Million Btu | 4.15 | 3.94 | 3.48 |

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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