



ENERGY ASSURANCE DAILY

Monday Evening, December 06, 2010

Electricity

Snow Storm Cuts Power to over 40,000 Customers in Maritime Canada December 6

30,000 customers in Nova Scotia, 10,000 in New Brunswick and 1,900 on Prince Edward Island lost power during a snow storm that hit Canada's Maritime Provinces today. By this afternoon most Nova Scotia customers had their power restored. As of latest reports, there were 5,800 New Brunswick Power customers without power.

<http://winnipeg.ctv.ca/servlet/an/local/CTVNews/20101206/weather-system-hits-maritimes-101206/20101206/?hub=WinnipegHome>

<http://www.theglobeandmail.com/news/national/atlantic/school-closures-power-outages-as-winter-storm-bashes-eastern-canada/article1826270/>

<http://www.cbc.ca/canada/prince-edward-island/story/2010/12/06/ns-wild-weather-hits-maritimes.html>

<http://www.nbpower.com/Open/Outages.aspx?lang=en>

Constellation's 835 MW Calvert Cliffs Nuclear Unit 2 in Maryland Reduced to 83 Percent by December 5, Returned to Full Power by December 6

The Nuclear Regulatory Commission reported that on the morning of December 4 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Exelon's 1,134 MW Limerick Nuclear Unit 2 in Pennsylvania Reduced to 56 Percent by December 4, Ramped Up to 96 Percent by December 6

The Nuclear Regulatory Commission reported that on the morning of December 3 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Exelon's 1,022 MW Clinton Nuclear Unit in Illinois Reduced to 86 Percent by December 5, Returned to Full Power by December 6

The Nuclear Regulatory Commission reported that on the morning of December 4 the unit was operating at 97 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Indiana-Michigan Power's 1,060 MW D.C. Cook Nuclear Unit 2 in Michigan Ramped Up to 28 Percent by December 6

The Nuclear Regulatory Commission reported that on the morning of December 5 the unit was operating at 2 percent. The unit was originally shut on October 5 for refueling and maintenance, but restoration was delayed by four weeks due to baffle plate repairs in the reactor vessel.

Reuters, 11:26 December 6, 2010

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Exelon's 1,111 MW La Salle Nuclear Unit 2 in Illinois Reduced to 82 Percent by December 5, Returned to Full Power by December 6

The Nuclear Regulatory Commission reported that on the morning of December 4 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Exelon's 619 MW Oyster Creek Nuclear Unit in New Jersey Ramped Up to 52 Percent by December 6

The Nuclear Regulatory Commission reported that on the morning of December 1 the unit was operating at 1 percent. The unit has been ramping up since it ended its refueling outage and had an unusual event on December 1.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama at Full Power by December 4

The Nuclear Regulatory Commission reported that on the morning of December 3 the unit was operating at 90 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Dominion's 810 MW Surry Nuclear Unit 1 in Virginia Ramped Up to 90 Percent by December 4

The Nuclear Regulatory Commission reported that on the morning of December 3 the unit was operating at 50 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

PG&E's 1,087 MW Diablo Canyon Nuclear Unit 2 in California at Full Power by December 4

The Nuclear Regulatory Commission reported that on the morning of December 3 the unit was operating at 53 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Dynegy's 335 MW El Segundo Gas-Fired Unit 4 in California Shut by December 4, Returns to Service by December 5

According to the California Independent System Operator, the unit reported an unplanned outage by December 4. It returned from the outage by December 5.

<http://www.caiso.com/unitstatus/data/unitstatus201012051515.html>

<http://www.caiso.com/unitstatus/data/unitstatus201012041515.html>

PG&E's 660 MW Gas-Fired Colusa Generating Station Returns to Service by December 3

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 160 MW by December 3. The station has reported 160 MW of capacity curtailed since November 11, 2010.

<http://www.caiso.com/unitstatus/data/unitstatus201012031515.html>

Xcel's 535 MW Tolk Coal-Fired Unit 1 in Texas for Boiler Tube Repairs by December 5

According to a filing with state regulators, the unit will remain shut until December 16.

Reuters, 21:42 December 5, 2010

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=147658>

Sempra Opens 48 MW Copper Mountain Solar Facility in Boulder City, Nevada

Sempra Generation started operations at the plant one week ago. It is the largest solar photovoltaic power plant in the United States.

<http://www.lasvegassun.com/news/2010/dec/05/us-solar-power-plant/>

Pepco “Ranks near the Bottom” for Power Outages in 2009: Washington Post

A report in the Washington Post says that Pepco customers experienced 70 percent more outages than typical customers of other big city utilities in the United States. Pepco outages also tended to last twice as long as other companies'. Pepco delivers power to 778,000 customers in the District of Columbia and Maryland.

<http://www.washingtonpost.com/wp-dyn/content/article/2010/12/04/AR2010120403887.html?hpid=topnews>

Update: Preliminary Construction Under Way at Mississippi Power’s 582 MW Coal-Fired Power Plant in Kemper County, Mississippi

Preliminary construction began over the summer, while a ceremonial groundbreaking will take place on December 16. The plant, which will use integrated gasification combined cycle technology to generate electricity from gasified coal, is scheduled to begin producing power in 2014.

<http://meridianstar.com/local/x1894465405/Kemper-plant-groundbreaking-set>

Update: November 3 Power Outage in Guam Exacerbated Due to Technology Problems

The power outage began when two snakes touched power lines at the Tamuning substation and lasted for seven hours according to an outage report. The X-214 breaker at the substation did not trip properly, causing generator failures at the Cabras Island generating facility. Recovery efforts were hampered as the Guam Power Authority relied on radio phones and a modem that required power to operate.

<http://www.guampdn.com/article/20101201/NEWS01/12010361/Device-failure-led-to-blackout-Poor-communication-hampered-response>

Petroleum

Upset Causes Benzene Leak at Chevron’s 330,000 b/d Pascagoula, Mississippi Refinery December 4

According to a filing with regulators, the unit experienced an equipment failure on a pump. It is unknown if there was an impact on production.

Reuters, 20:24 December 5, 2010

Compressor Shutdown Leads to Benzene Release at ConocoPhillips’ 247,000 b/d Sweeny, Texas Refinery December 5

It was not clear what caused the compressor shutdown.

<http://www.nasdaq.com/aspx/stock-market-news-story.aspx?storyid=201012061132dowjonesdjonline000249&title=conoco-reports-emissions-release-at-sweenytexasrefinery>

Maintenance Begun on December 4 at ExxonMobil’s 192,500 b/d Chalmette, Louisiana Refinery to Impact Production

Maintenance on an unspecified process unit will lead to a “slight impact” on production.

Reuters, 11:03 December 6, 2010

70,000 b/d FCCU Restarts Production at Valero’s 180,000 b/d Memphis, Tennessee Refinery by December 5

The gasoline-making fluid catalytic cracking unit was taken out of service after a blower trip November 30.

DJN, 11:28 December 6, 2010

Forest Oil’s Crude Pipeline in White Lake, Louisiana Back in Service by December 6 Following Small Leak

A leak of about one gallon of crude led to the pipeline being shut for repairs.

Reuters, 11:28 December 6, 2010

Occidental Plans Over 1 MMb/d Output Increase at Its 200,000 b/d Zubair Oil Field in Iraq by 2016

Occidental Petroleum plans to slowly increase production to 1.2 MMb/d at the field over the next six years.

Reuters, 8:00 December 6, 2010

Sunoco's 35,000 b/d, 200-Mile, 10-Inch Crude Pipeline in Livingston, Texas Leaks an Estimated 65 to 75 bbls of Oil December 4

The company reported on December 6 that the cause of the leak is being investigated, and that the release has not been secured. The pipeline carries crude from Kilgore, Texas to the Houston area for refining.

DJN, 11:33 December 6, 2010

<http://www.bloomberg.com/news/2010-12-06/sunoco-reports-leak-in-10-inch-pipeline-near-houston-update1-.html>

100 Gallon Gasoline Leak Shuts Buckeye's 8-Inch Oil Products Pipeline in Illinois December 3

Buckeye Partners plans to have the pipeline, which runs from East St. Louis to Chicago, back online in the "near term." It is currently being drained to allow permanent repairs, and the damaged portion has been excavated according to a state official.

<http://www.bloomberg.com/news/2010-12-03/buckeye-excavating-pipe-at-gasoline-leak-in-illinois-update1-.html>

Natural Gas

GAO Report Says 50 Bcf of Usable Gas Lost Every Year

According to a report by the Government Accountability Office (GAO) released on November 30, companies lose about 50 Bcf of natural gas each year on federal land due to venting or flaring. According to the report, about half of this gas could be captured and sold economically. A GAO official also stated that the Department of the Interior has underestimated the amount of gas that escapes from storage tanks and leaking equipment.

To view the report, visit <http://www.gao.gov/mobile/products/GAO-11-34>.

http://www.mercurynews.com/business/ci_16752751?nclick_check=1

<http://www.nytimes.com/gwire/2010/12/01/01greenwire-gao-report-us-loses-royalties-as-oil-and-gas-d-67791.html>

Other News

Clean Global Energy Proposes 300 MW Underground Coal Gasification Project in Oklahoma

The company would supply syngas from an underground coal gasification facility to AES's Shady Point power station near Panama, Oklahoma. Stage 1 would produce enough syngas for 25 MW of electricity by mid- to late 2012. Stage 2 would bring capacity to 100 MW, while Stage 3 would bring capacity to 300 MW by mid-2015.

http://www.ogj.com/index/article-display/6015474592/articles/oil-gas-journal/drilling-production-2/2010/12/underground-coal_gasification.html

Energy Prices

U.S. Oil and Gas Prices			
December 6, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	88.87	85.45	75.83
NATURAL GAS Henry Hub \$/Million Btu	4.23	4.12	4.57

Source: Reuters

“Instrumentation Issues” Lead to Sulfur Dioxide Emissions at Citgo’s 167,000 b/d Lemont, Illinois Refinery December 5

Reuters, 00:00 December 6, 2010

All U.S. Highway Diesel Complies with Ultra-Low Sulfur Standards by December 1

http://www.downstreamtoday.com/news/article.aspx?a_id=24911

California PUC Refuses to Block PG&E’s Smart Meter Installation over Health Concerns

<http://finance.yahoo.com/news/Calif-regulators-nix-apf-167829541.html?x=0&.v=1>

Equipment Failure Briefly Shuts Compressors C-28 through C-32 at Waddell Compressor Station in Texas December 5

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148131>

High Winds Cause Power Outage, Leading to Shut Down of COM-7A3, COM-1R, and COM-2A Units at Blalock Booster Station in Texas December 4-5

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148127>

CPU-95 Shuts Down, Causing Compressors 1, 3, 4, 5, 6, and 7 to Go Offline at Andrews Booster Station in Texas December 4

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148123>

DCP Midstream’s Goldsmith Facility Unable to Receive Gas Due to Turbine Repairs, Leading to Emissions Events at Multiple Upstream Facilities in Texas December 3

Affected facilities include:

- Chevron’s JT McElroy 202 TB
- CAG 437 Satellite Battery
- CAG 448 Satellite Battery
- CAG 480 Satellite Battery
- Goldsmith Landreth Deep Unit Stations 1 and 5, CTB, and Satellite 11
- GLDU Station 8
- XTO’s Russell Compressor Station

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148124>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148082>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148085>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148089>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148117>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148118>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148119>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148120>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=136042>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA
<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>
Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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

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