



ENERGY ASSURANCE DAILY

Monday Evening, December 15, 2014

Electricity

Update: PG&E Says Power Restored to More Than 500,000 Customers Impacted by Storms December 13

Pacific Gas and Electric Company (PG&E) said crews worked around the clock to restore power to more than 500,000 customers since December 10 when the most severe storm in years made its way across California. By Saturday morning, fewer than 5,000 customers remained without power in relatively remote, hard-to-access areas. Of the 500,000 customers who lost service during the storm, more than 95 percent saw their power restored in less than 48 hours. PG&E devoted 340 crews to the storm-response effort. The company also brought in more than a dozen contract crews from Oregon, Washington, and Southern California to assist in the restoration effort.

http://www.pge.com/en/about/newsroom/newsdetails/index.page?title=20141213_power_restored_to_nearly_all_customers_after_historic_storm

PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Shut December 13

Operators disconnected unit 1 from the regional electric grid Saturday because of a small water leak inside the containment structure. PPL said it expects to quickly identify the source of the water leak, complete repairs, and resume generating electricity for the regional power grid.

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

<http://pplweb.mediaroom.com/index.php?s=12270&item=137114>

Southern's 870 MW Hatch Nuclear Unit 2 in Georgia Reduced to 75 Percent by December 15

On the morning of December 14 the unit was operating at full power.

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

Southern's 856 MW Hatch Nuclear Unit 1 in Georgia Shut by December 13

On the morning of December 12 the unit was operating at full power.

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

Southern's 839 MW Farley Nuclear Unit 2 in Alabama Shut December 13

The unit was shut Saturday from full power due to a malfunction of the smoke detection system in containment due to high humidity.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141215en.html>

Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana at Full Power by December 13

On the morning of December 12 the unit was operating at 81 percent, reduced from full power on December 11.

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

Update: DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan at Full Power by December 13

On the morning of December 12 the unit was operating at 58 percent. The unit decreased to 55 percent from full power on December 8.

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

AES's 332 MW Alamos Gas-fired Unit 3 in California Shut by December 13

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201412131515.html>

Dynegy Moss Landing, LLC's 510 MW Moss Landing Gas-fired Unit 1 in California Returns to Service by December 12

The unit returned from an unplanned curtailment of 260 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201412121515.html>

National Grid Announces Plans to Build 16 MW of New Solar Generation in Massachusetts

National Grid on Monday announced it plans to build, own, and operate an additional 16 MW of new solar generation in Massachusetts. The project will become the second phase of National Grid's solar program, under which the company already operates more than 5 MW of utility-owned solar generation at five sites throughout the state. Construction is scheduled to be completed by June 2015.

http://www.nationalgridus.com/aboutus/a3-1_news2.asp?Document=9023

Petroleum

PBF Energy Reports Sulfur Dioxide Emissions at Its 182,200 b/d Delaware City, Delaware Refinery December 12

Reuters, 14:48 December 12, 2014

Philadelphia Energy Solutions Reports Reformer Unit Startup at Its 335,000 b/d Point Breeze, Pennsylvania December 11

Reuters, 15:24 December 12, 2014

Chalmette Refining Shuts FCCU, Sees Minimal Impact to Output at Its 192,500 b/d Chalmette, Louisiana Refinery December 15

Chalmette Refining said it conducted a controlled shutdown of the fluid catalytic cracking unit (FCCU) at its Chalmette, Louisiana refinery and anticipated minimal impact to production.

Reuters, 9:55 December 15, 2014

ExxonMobil Reports Compressor Trip at Its Baytown, Texas Complex December 13

ExxonMobil Corp reported a compressor trip in an unspecified unit led to an emissions event at its Baytown, Texas facility on Saturday, according to a filing with the Texas Commission of Environmental Quality. The filing stated blend gas was diverted away from flare and unit feed rates were curtailed to minimize emissions. There was no impact to production from the event, which has ended, it added. The main Baytown complex houses a 560,500 b/d refinery and two chemical plants and it was not immediately clear whether the incident took place at the chemical plants or the refinery.

Reuters, 21:15 December 14, 2014

Zydeco Pipeline Co Announces New Agreements with Motiva and Sunoco to Enhance 375,000 b/d Zydeco Pipeline Connections and Capacity in Texas

Zydeco Pipeline Company LLC on December 11 announced new agreements with Motiva Enterprises LLC and Sunoco Pipeline, L.P. to enhance Zydeco connections and capacity in Nederland and Port Neches, Texas. Zydeco is also seeking to add additional pipeline capacity on existing segments to Lake Charles and St. James, Louisiana. The Zydeco pipeline system, jointly owned by Shell Pipeline Company LP and Shell Midstream Partners is a batched crude oil system from Houston, Texas to St. James and Clovelly, Louisiana. The expansion plan includes connecting the Zydeco pipeline (formerly known as Ho-Ho) in Port Neches, Texas to Sunoco Pipeline L.P.'s 30-inch crude oil pipeline originating in Nederland, Texas. Zydeco also secured additional operational storage that will be available at Motiva's terminal in Port Neches, Texas. After the completion of these expansion projects, Zydeco's mainline capacity east of Port Neches will be 375,000 b/d. The additional capacity on the pipeline is expected to be available in the first quarter of 2016.

<http://www.shell.us/aboutshell/us-media-center/news-and-press-releases/2014/zydeco-pipeline-to-add-capcity.html>

Enterprise Cancels 340,000 b/d Bakken Crude Oil Pipeline Project from North Dakota to Oklahoma December 12

Enterprise Products Partners on Friday said it wouldn't build the 1,200-mile, 340,000 b/d crude oil pipeline from North Dakota to the storage hub in Cushing, Oklahoma because too few shippers had signed up to support it. Enterprise did not say on Friday whether the decline from \$100 per barrel in June, when the project was announced, to below \$60 this week was what prompted the company to scrap the project.

<http://phx.corporate-ir.net/phoenix.zhtml?c=80547&p=irol-newsArticle&id=1999159&highlight>
http://www.downstreamtoday.com/news/article.aspx?a_id=45703

Broken Wheel Caused April 2013 CP Freight Train Derailment in Ontario – TSB

In its investigation report released December 11, the Transportation Safety Board of Canada (TSB) determined that a rail fracture caused by the impact of a broken wheel led to the April 3, 2013 derailment of a Canadian Pacific (CP) freight train near White River, Ontario. Two Class 111 tank cars released almost 27,000 gallons of crude oil.

<http://www.bst-tsb.gc.ca/eng/medias-media/communiqués/rail/2014/r13t0060-20141211.asp>

Natural Gas

Union Gas Announces Open Season for 607 MMcf/d Firm Transportation Services from Dawn Hub to Parkway in Ontario

Union Gas is holding a binding open season for incremental firm capacity of up to 607 MMcf/d beginning in 2017 and 514 MMcf/d beginning in 2018 along the Dawn to Parkway; Dawn to Kirkwall; and Kirkwall to Parkway transportation paths. Union Gas is also offering the flexible M12-X Firm Transportation Service between Dawn, Parkway, and Kirkwall. This service provides shippers with the flexibility to transport gas between the three interconnects on Union Gas' system in any direction on a firm basis. The binding open season closes and all bids are due on January 30, 2015.

<https://www.uniongas.com/storage-and-transportation/news/open-seasons/2014/dec-12>

Enbridge Reports Flaring Due to Maintenance at Its Pittsburg Gas Plant in Texas December 14

Enbridge reported Comp-1 required maintenance due to a malfunctioning disk. Vapors normally captured by the Vapor Recovery Unit were directed to the HP-flare resulting in the emissions event. Enbridge operators reduced inlet rates and depressured Comp-1 for mechanics to perform required maintenance on the unit.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=207438>

Other News

Nothing to report.

International News

Libya Declares Force Majeure for Es Sider, Ras Lanuf Ports December 14 – NOC

Libya has declared force majeure for the country's two biggest oil export ports, Es Sider and Ras Lanuf, the National Oil Corp (NOC) said on Sunday. Oil production flowing to the two eastern ports would be gradually shut down, NOC said in a statement, blaming clashes nearby between armed factions allied to Libya's two rival governments. Only a minimum oil staff would stay on site.

Reuters, 11:57 December 14, 2014

Spain's Sacyr to Build LNG Platform in Colombia by 2016

Spain's Sacyr Industrial won a contract to build a maritime liquefied natural gas (LNG) import terminal in Colombia. The terminal will be at full capacity in the second half of 2016.

Reuters, 7:03 December 15, 2014

Energy Prices

U.S. Oil and Gas Prices			
December 15, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	56.80	63.08	96.47
NATURAL GAS Henry Hub \$/Million Btu	3.58	3.43	4.40

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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