



ENERGY ASSURANCE DAILY

Wednesday Evening, January 22, 2014

Electricity

Both Units Shut at Constellation's 1,705 MW Calvert Cliffs Nuclear Power Plant in Maryland January 21

Constellation's Calvert Cliffs nuclear units 1 and 2 were shut from full power due to a dual unit trip on the loss of the 21 13kV bus, according to the Nuclear Regulatory Commission. Both units were stable and remained in hot standby mode pending the results of the investigation.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20140122en.html>

Update: Luminant's 1,150 MW Comanche Peak Nuclear Unit 1 in Texas Restarts by January 21, Ramps Up to 90 Percent by January 22

On the morning of January 21 the unit was operating at 7 percent, according to the Nuclear Regulatory Commission. The unit was shut by January 19 from full power due to a turbine trip. A generator negative sequence current high alarm was received immediately prior to the turbine trip.

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

Update: Entergy's 813 MW FitzPatrick Nuclear Unit in New York at Full Power by January 22

On the morning of January 21 the unit was operating at 85 percent from full power on January 20, according to the Nuclear Regulatory Commission.

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

Petroleum

TransCanada Begins Shipping Crude on 700,000 b/d Gulf Coast Pipeline from Oklahoma to Texas January 22

TransCanada Corporation announced that the Gulf Coast Project began delivering crude oil today at a rate of 300,000 b/d on behalf of its customers to Texas refineries. The Gulf Coast Project is a 487-mile, 36-inch crude oil pipeline beginning in Cushing, Oklahoma, and extending south to Nederland, Texas, to serve the Gulf Coast marketplace. The Gulf Coast Project will have the initial capacity to transport up to 700,000 b/d with the potential to transport up to 830,000 b/d to Gulf Coast refineries. TransCanada is currently projecting pipeline capacity of 520,000 b/d for the first year of operation. The company expects to complete a smaller pipeline that will transport oil from Nederland to refineries near Houston later this year. The \$2.3 billion Gulf Coast Pipeline is the southern portion of TransCanada's proposed 830,000 b/d Keystone XL pipeline. The longer portion of Keystone XL, which would transport heavy oil sands crude from Canada and oil from North Dakota's Bakken shale, requires a permit from President Obama because it crosses an international border.

<http://www.gulf-coast-pipeline.com/wp-content/uploads/2014/01/TransCanada-Gulf-Coast-Project-News-Release-2014-01-22.pdf>

<http://online.wsj.com/news/articles/SB10001424052702303448204579336913584669006?mg=reno64-wsj&url=http%3A%2F%2Fonline.wsj.com%2Farticle%2FSB10001424052702303448204579336913584669006.html>

<http://abcnews.go.com/US/wireStory/canadian-company-starts-keystone-pipeline-texas-21622662>

U.S. Propane Inventories Hit Historic Low Due to Cold Weather and Wet Corn Harvest

U.S. home-heating fuel propane supplies are at historic lows and Midwestern states are trying to address the deepening shortage as more cold weather envelops the region. Propane stocks fell to 11.5 million barrels as of January 10, half of what they were a year earlier and the lowest for this time of the year since the government began collating propane data in 1993, Energy Information Administration figures show. Current inventories can supply 24 days, compared with 42 days a year ago. Prices in the region are the highest since at least 1990. Demand has been boosted by the combination of record freezing weather at the start of this year and a late, wet, record corn harvest last October and November, when large quantities of propane were used to dry out crops. Meanwhile, supply was limited for much of December when the 70,000 b/d Cochin pipeline from Alberta through the northern Midwestern states was shut. To allow greater and quicker deliveries to rural homes and farms, several states, including Michigan, Indiana, and Ohio, have suspended “hours of service” rules that limit the hours truck drivers can spend on the road, according to state notices collated by the National Propane Gas Association. The industry is working around the clock to move propane from Mont Belvieu, Texas, to consumer markets using trains and trucks, pipelines, and barges, according to the president and chief executive officer of the Propane Education and Research Council.
http://www.downstreamtoday.com/news/article.aspx?a_id=42066

Natural Gas

DCP Midstream Reports Flaring, Turbine Shut at Its 160 MMcf/d Goldsmith Gas Plant in Texas January 21

DCP Midstream reported “A” turbine went down on raw gas compressor high vibration shutdown, due to a faulty wire, causing plant to flare. A turbine technician replaced the faulty wire and operators restarted “A” turbine ending flare event.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=193244>

Southern Union Reports Amine Leak at Its Keystone Gas Plant in Texas January 21

Southern Union twice on Tuesday reported an amine leak from a valve on the amine reboiler. Both times, the reboiler was shut to change out the valve which caused the plant to sour up. The valve on the amine reboiler was replaced and the sulfur recovery unit was restarted. Much of the inlet sour gas was backed out after shutting the reboiler down.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=193252>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=193258>

Other News

Explosion, Fire Reported at JNS Biodiesel LCC Plant in Mississippi January 22

A fire and explosion were reported at a biodiesel plant, north of New Albany, at about 5:30 a.m. CST today. The fire was still burning around 10 a.m. CST and firefighters hadn’t started trying to fight it yet because of the intense heat, a Mississippi Highway Patrol trooper said. The trooper said the explosion likely took place at fuel storage tanks within the facility. The plant uses poultry fat as feedstock to produce about 8 million gallons of biofuels a year. The explosion knocked out power to the nearby town of Blue Mountain and some areas in neighboring Tippah County, the Mississippi Emergency Management Agency said. Electricity was restored by noon CST.

<http://www.reuters.com/article/2014/01/22/usa-biofuels-fire-idUSL2N0KW0UU20140122>

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices January 22, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	94.99	93.77	96.16
NATURAL GAS Henry Hub \$/Million Btu	4.64	4.36	3.54

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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