



ENERGY ASSURANCE DAILY

Tuesday Evening, February 04, 2014

Electricity

NRC Lifts One ‘Red’ Safety Finding at TVA’s 3,494 MW Browns Ferry Nuclear Plant in Alabama, Despite Remaining Issues

The Nuclear Regulatory Commission (NRC) reported January 30 that it lifted one “red” level safety finding for Tennessee Valley Authority’s (TVA’s) Browns Ferry nuclear power plant in Limestone County, Alabama. Two other violations remain at the plant, keeping the plant in the NRC’s lowest safety grade until addressed. The “red” finding was given following an incident in 2010 in which an emergency cooling valve failed
<http://timesfreepress.com/news/2014/jan/31/red-alert-lifted-tvas-browns-ferry-nuclear-plant-d/>

Update: PG&E’s 1,087 MW Diablo Canyon Nuclear Unit 2 in California Was Shut Due to an Electrical Arc February 2

Pacific Gas and Electric (PG&E) shut one of its two generators after an electrical arc occurred during a storm. Unit 2 at the Diablo Canyon plant automatically went offline Sunday. A preliminary investigation showed that a flashover, or electrical arc, occurred from a buildup of dust mixed with moisture on a lightning arrester, according to a spokesperson. The arrester is on a non-nuclear part of the plant that helps transmit power. Unit 2 will remain offline until the incident is investigated and the lightning arrester is repaired and tested. Yesterday, the NRC reported the unit shut due to an automatic reactor trip.
<http://www.krmg.com/ap/ap/california/diablo-canyon-unit-2-nuke-generator-shut-down/ndB7b/>

Update: PSE&G’s 1,092 MW Salem Nuclear Unit 2 in New Jersey at Full Power by February 4

On the morning of February 3 the unit was operating at 59 percent, according to the Nuclear Regulatory Commission. The unit returned to service on February 2 after being shut January 31 when a control rod dropped out of its expected position during a monthly test.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>
http://www.nj.com/salem/index.ssf/2014/02/salem_2_nuclear_reactor_returns_to_service_after_issue_with_control_rod.html#incart_river

Update: Dominion’s 917 MW North Anna Nuclear Unit 2 in Virginia Restarts, Ramps Up to 56 Percent by February 4

On the morning of February 3 the unit was not operating, according to the Nuclear Regulatory Commission. The unit was shut February 2 after a main feedwater pump shut down unexpectedly.
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>
http://www.newsadvance.com/work_it_lynchburg/news/dominion-shuts-down-north-anna-reactor-unit/article_136f1b38-8cd6-11e3-928a-001a4bcf6878.html

RRI Energy, Inc.’s 215 MW Mandalay Gas-fired Unit 1 in California Shut by February 3

The unit entered an unplanned outage.
<http://content.caiso.com/unitstatus/data/unitstatus201402031515.html>

We Energies’ 274 MW Valley Power Plant in Wisconsin to Switch from Coal to Natural Gas

The Wisconsin Public Service Commission on January 31 approved We Energies’ application to switch its Valley power plant in Milwaukee from coal to natural gas. The conversion will take place in two parts, one turbine at a time. The project is expected to be completed by early 2016.
<http://badgerherald.com/news/2014/02/03/milwaukee-coal-plant-switch-natural-gas/#.UvD-5PldW5g>

Hawaiian Electric to Deactivate 25 MW Honolulu Power Plant, Will Be Able to be Reactivated in Emergency

Hawaiian Electric announced on January 31 that it will spend several months deactivating a power plant in Honolulu after the utility determined customers were using electricity more efficiently. The plant will be able to be reactivated in an emergency.

<http://www.hawaiianelectric.com/heco/hidden/Hidden/CorpComm/Clean-energy-milestone-reached-as-Hawaiian-Electric-deactivates-Honolulu-Power-Plant?cpsextcurrchannel=1>

Petroleum

Kinder Morgan Says Its Cochin Pipeline to Midwest is Open, Fully Operational in Light of Propane Shortage January 31

Kinder Morgan owns and operates the Cochin Pipeline System, which consists of an approximate 1,900-mile, 12-inch diameter multi-product pipeline operating between Fort Saskatchewan, Alberta and Windsor, Ontario. The Cochin pipeline currently has an estimated system capacity of approximately 50,000 b/d. The Cochin pipeline system is currently operating as a dedicated propane system between Fort Saskatchewan, Alberta, and New Hampton, Iowa, and propane received into the pipeline from third-party storage facilities in Fort Saskatchewan, Alberta, and Regina, Saskatchewan, can be delivered immediately to the U.S. terminals. Therefore, if shippers request that additional propane be transported through the pipeline, the company said it currently has the capacity available to handle such shipments. The company said that the current issues in the propane market are not a result of the Cochin pipeline system's capacity or operations.

<http://www.kindermorgan.com/news/0131CochinStatement.pdf>

Husky Moves Ahead with Heavy Crude Oil Flexibility Project at Its 146,200 b/d Lima, Ohio Refinery February 3

Husky Energy has sanctioned a new crude oil flexibility project at its refinery in Lima, Ohio, which will allow for the processing of up to 40,000 b/d of heavy crude feedstock from Western Canada starting in 2017. The project will include modifications to the coker and processing units and will maintain the refinery's ability to refine light crude oil. Engineering work is underway and the equipment upgrades are scheduled to take place during planned turnarounds in late 2015 and late 2016.

http://www.huskyenergy.com/news/release.asp?release_id=1804192

California Refiners Received Record 709,014 Barrels of Crude-by-Rail From Canada in December 2013

California received 709,014 barrels of crude from Canada by rail in December, a 4.9 percent increase from November and up from zero a year ago, according to the state's Energy Commission. Canada made up 67 percent of the state's total oil-by-rail receipts. North Dakota, where fields in the Bakken formation are producing a record volume of crude, shrank to a 5.9 percent share. West Coast refiners, lacking pipeline access to the shale oil in the middle of the country, have been turning to rail to counter declining supplies in California and Alaska. California brought in a record 2.83 million barrels of oil by rail in the fourth quarter from all sources, almost double the amount from the three months prior, the state said. Oil-by-rail receipts from Wyoming totaled 221,793 barrels in December, making up the second-largest share of the state's volume at 21 percent. Alaskan oil output has declined every year since 2002 as the yield from existing wells shrinks. Alaska North Slope crude production averaged 567,600 b/d in December, down from 582,150 b/d a year earlier, data posted on the Alaska Department of Revenue's website showed.

<http://www.hydrocarbonprocessing.com/Article/3304983/Latest-News/California-refiners-receiving-record-crude-by-rail-volumes-from-Canada.html>

Enable Midstream Holds Open Season for Additional Crude Oil Gathering System in North Dakota

Enable Midstream Partners, LP announced on Monday that Enable Bakken Crude Services, LLC has commenced a binding open season to gauge market interest in producers making long-term commitments for a new crude oil gathering and transportation pipeline system in the Bakken Shale play in North Dakota. The system will gather crude oil from points located in North Dakota's Montrail and Williams Counties, and transport it to interconnections with downstream pipelines.

<http://www.centerpointenergy.com/newsroom/newsreleases/82bd8419249f3410VgnVCM10000026a10d0aRCRD/>

Natural Gas

Regency Reports AGI Compressor Shut at Its 290 MMcf/d Waha Gas Plant in Texas February 3

Regency reported the acid gas injector (AGI) compressor was shut due to the unexpected shutdown of the plant on operational issues. The plant was brought back online and the AGI placed back in. The AGI flare and AGI volume meter were in service during the downtime of the compressor.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=193751>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
February 4, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	97.35	97.43	96.32
NATURAL GAS Henry Hub \$/Million Btu	5.26	5.69	3.34

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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