



# ENERGY ASSURANCE DAILY

Tuesday Evening, December 17, 2013

## *Electricity*

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### **Update: Exelon's 1,022 MW Clinton Nuclear Unit in Illinois Ramps Up to 23 Percent by December 17**

On the morning of December 16 the unit was operating at 5 percent after restarting by December 15, according to the Nuclear Regulatory Commission. The unit reported a manual reactor trip from 18 percent power during a feed pump swap on December 13.

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

### **Update: APS's 1,243 MW Palo Verde Nuclear Unit 2 in Arizona at Full Power by December 17**

On the morning of December 16 the unit was operating at 79 percent, according to the Nuclear Regulatory Commission. The unit restarted by December 14 after shutting December 3 when the pressurized water reactor tripped automatically from full power.

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

### **Dominion Puts 28.6 MW Indy Solar Power Projects in Indiana Into Service December 16**

Dominion has placed in service a group of solar generation projects in Marion County, Indiana, that will generate up to 28.6 megawatts of electricity. Indy Solar I, II, and III will provide electricity for Indianapolis Power and Light Company under a 15-year purchased power agreement. Two of the sites are southeast of Indianapolis, in Marion Township, and the third is southwest.

<http://dom.mediaroom.com/2013-12-16-Dominion-Puts-Indianapolis-Area-Solar-Projects-into-Service>

## *Petroleum*

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### **Trans Mountain Files Facilities Expansion Application with the National Energy Board for 590,000 b/d Pipeline Expansion Between Alberta, British Columbia**

Trans Mountain Pipeline operated by Kinder Morgan Canada and owned by Kinder Morgan Energy Partners, L.P., on Monday filed a Facilities Application with its regulator, the National Energy Board (NEB), for authorization to build and operate the necessary facilities for the company's proposed Trans Mountain expansion project. In spring 2012, Kinder Morgan Canada announced it would move forward with its proposed plans to expand the existing Trans Mountain pipeline system between Edmonton, Alberta, and Burnaby, British Columbia, following strong commitments received from its customers. Thirteen companies in the Canadian producing and oil marketing business signed firm contracts bringing the total volume of committed shippers to approximately 708,000 b/d. Kinder Morgan Canada received approval of the commercial terms related to the expansion from the NEB in May of this year. The proposed \$5.4 billion project will increase capacity on Trans Mountain from approximately 300,000 b/d to 890,000 b/d. The next step in this process will be for the NEB to establish a hearing schedule that corresponds to the federal government's legislated 15-month review and decision timeframe. If approvals are received, the expansion is expected to be operational in late 2017.

<http://phx.corporate-ir.net/phoenix.zhtml?c=93621&p=irol-newsArticle&ID=1885015&highlight=>

## **Pembina Pipeline to Proceed With 500,000 b/d Phase III Expansion of Its Pipeline System in Alberta**

Pembina Pipeline Corp. announced on Monday that it had reached binding commercial agreements to proceed with constructing the Phase III Expansion of its pipeline system. The 336-mile Phase III Expansion will follow and expand upon certain segments of the company's existing pipeline systems from Taylor, British Columbia southeast to Edmonton, Alberta to fulfill capacity needs for Pembina's customers, with priority being placed on areas where debottlenecking is essential. The core of the Phase III Expansion will entail constructing a new 168-mile, 24-inch diameter pipeline from Fox Creek, Alberta, to the Edmonton area, which is expected to have an initial capacity of 320,000 b/d and an ultimate capacity of over 500,000 b/d with the addition of midpoint pump stations. The Phase III Expansion also considers increasing pipeline interconnectivity between Edmonton and Fort Saskatchewan including Pembina's Redwater and Heartland Hub sites as well as third-party delivery points in these areas. This interconnectivity will provide the option for customers to access a broad variety of delivery points including fractionators, refineries, and storage hubs and increased access to pipeline and rail take-away capacity. The pipeline is expected to be in service between late 2016 and mid 2017.

<http://pembina.mediaroom.com/index.php?s=10336&item=135218>

## **Workers at Northern Tier's 81,500 b/d Saint Paul, Minnesota Refinery May Strike – Union**

Workers at Northern Tier Energy's Saint Paul refinery in Minnesota voted to go on strike if necessary after rejecting job and wage cut proposals from management, Teamsters Local 120 said on Tuesday. The union warned the proposals, including wage cuts of as much as 40 percent, would lead to dangerous conditions at the plant. The statement said a collective bargaining agreement covering 200 workers at the refinery will expire on Dec. 31, 2013. It did not say when a strike could take place or what would prompt the action.

Reuters, 13:16 December 17, 2013

## **ExxonMobil Says Operations Normal at Its 149,500 b/d Torrance, California Refinery December 16**

Exxon Mobil Corp. said operations were normal at its refinery in Torrance, California, after a brief power interruption on December 7. The company had reported a breakdown due to a power failure at the refinery, according to a filing with state pollution regulators.

Reuters, 15:20 December 16, 2013

## **Motiva Reports Flaring at Its 233,500 b/d Norco, Louisiana Refinery December 14**

Motiva Enterprises' Norco, Louisiana refinery reported flaring on Saturday, according to a notice filed with the National Response Center.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1068532](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1068532)

Reuters, 15:47 December 15, 2013

## ***Natural Gas***

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### **Kinder Morgan Announces Letter of Intent with NOVA Chemicals for New 75,000 b/d Utica-to-Ontario Pipeline**

Kinder Morgan Energy Partners, L.P. on Monday announced that its subsidiary, Kinder Morgan Cochin LLC had signed a letter of intent with NOVA Chemicals Corporation to develop a new products pipeline from the Utica Shale. Under the agreement, Kinder Morgan Cochin would develop, construct, own, and operate a 210-mile, 10-inch diameter pipeline from multiple fractionation facilities in Harrison County, Ohio, to Kinder Morgan's Cochin Pipeline near Riga, Michigan, where the company would then move product via Cochin east to Windsor, Ontario, Canada. The proposed Kinder Morgan Utica to Ontario Pipeline Access (UTOPIA) would transport previously refined or fractionated natural gas liquids (NGLs), including ethane and propane. The pipeline is expected to have an initial 50,000 b/d of capacity, which is expandable to more than 75,000 b/d. A mid-year 2017 in-service date is anticipated.

<http://phx.corporate-ir.net/phoenix.zhtml?c=93621&p=irol-newsArticle&ID=1885037&highlight=>

## Tennessee Gas Pipeline, Seneca Resources Enter Agreement to Support 158 MMcf/d Niagara Expansion Project to Eastern Canada

Tennessee Gas Pipeline Company (TGP) today announced it signed a binding, 15-year firm transportation precedent agreement with Seneca Resources Corporation to ship 158 MMcf/d of natural gas to eastern Canadian markets on the Niagara Expansion Project. The Niagara Expansion Project is designed to provide transportation from the Marcellus Shale in Pennsylvania to TGP's interconnect with TransCanada Pipeline in Niagara County, New York, to serve growing markets in eastern Canada. Subject to regulatory approvals, the Niagara Expansion Project is expected to begin service November 1, 2015.

<http://phx.corporate-ir.net/phoenix.zhtml?c=93621&p=irol-newsArticle&ID=1885304&highlight=>

## Enbridge Reports AGIs Trip at Its Tilden Gas Plant in Texas December 16

Enbridge reported the WK compressor tripped due to low compressor oil pressure which caused acid gas injector (AGI) no. 1 to trip on low suction pressure. The BF 3612 compressor tripped on cylinder detonation failure which caused AGI no. 2 to trip on low suction pressure. The connection on the oil pressure switch on the WK compressor was tightened and reset the parameters on the BF 3612 cylinder detonation failure logic. WK and BF compression was started and gas flow was established through the plant. Once acid gas available, both AGIs were restarted and stabilized.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=192036>

## Other News

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Nothing to report.

## International News

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### Eni's Production in Libya at 242,000 b/d – Chief Executive

Eni's production in Libya is currently running at 242,000 b/d of oil equivalent, the company's Chief Executive said on Monday. He also said the Wafa field in the west of Libya had restarted and that the Mellitah complex was working well. Eni has seen output drop sharply as oilfields and ports have been closed during a prolonged stand-off between the government in Tripoli and former militias.

[http://www.rigzone.com/news/oil\\_gas/a/130686/Eni\\_Production\\_In\\_Libya\\_At\\_242000\\_Boepd#sthash.aPlMiikx.dpuf](http://www.rigzone.com/news/oil_gas/a/130686/Eni_Production_In_Libya_At_242000_Boepd#sthash.aPlMiikx.dpuf)

## Energy Prices

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U.S. Oil and Gas Prices			
December 17, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	96.97	97.84	87.13
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.21	4.23	3.15

Source: Reuters

## Links

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***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](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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