



# ENERGY ASSURANCE DAILY

Wednesday Evening, December 17, 2014

## *Electricity*

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### **Update: Southern's 839 MW Farley Nuclear Unit 2 in Alabama Restarts, Ramps Up to Full Power by December 17**

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: Southern's 856 MW Hatch Nuclear Unit 1 in Georgia Restarts, Ramps Up to 37 Percent by December 17**

The unit was shut from full power by December 13.

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

### **Update: AES's 332 MW Alamos Gas-fired Unit 3 in California Returns to Service by December 16**

The unit returned from an unplanned outage that began by December 13.

<http://content.aiso.com/unitstatus/data/unitstatus201412161515.html>

### **Cabrillo Power, LLC's 330 MW Encina Gas-fired Unit 5 in California Shut by December 16**

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201412161515.html>

### **Dynegy, LLC's 510 MW Moss Landing Gas-fired Unit 1 in California Reduced by December 16**

The unit entered an unplanned curtailment of 260 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201412161515.html>

### **Southern Power Announces 131 MW Solar Project in Georgia**

Southern Company subsidiary Southern Power today announced plans to develop a 131 MW photovoltaic (PV) solar project in Georgia. The electricity and associated renewable energy credits (RECs) will be sold to three Georgia electric membership corporations. The solar facility is expected to consist of approximately 1.6 million thin-film PV solar modules mounted on single-axis tracking tables manufactured by First Solar. Construction of the plant is scheduled to begin in September 2015, and the project is expected to achieve commercial operation in the fourth quarter of 2016.

[http://www.southerncompany.com/news/dyn\\_pressroom.cshhtml?s=43&item=3496](http://www.southerncompany.com/news/dyn_pressroom.cshhtml?s=43&item=3496)

## *Petroleum*

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### **Valero Reports SGRU Unit Upset at Its 330,000 b/d Port Arthur, Texas Refinery December 17**

Reuters, 11:58 December 17, 2014

### **Husky Energy Defers Final Investment Decision on Offshore West White Rose Extension**

Husky Energy will defer the final investment decision on its offshore West White Rose oilfield extension project for a year, the company said on Wednesday. First production for West White Rose was originally anticipated for 2017. The field, situated offshore Atlantic Canada, has proved, probable and possible reserves of 81.2 million barrels. Husky also said it expects first oil from its South White Rose extension production well around the middle of 2015, later than originally planned due to rig availability.

[http://www.huskyenergy.com/news/release.asp?release\\_id=1909786](http://www.huskyenergy.com/news/release.asp?release_id=1909786)

Reuters, 11:44 December 17, 2014

### **Total Reports Unit Shut Due to Water Leak at Its 225,500 b/d Port Arthur, Texas Refinery December 16**

Total reported a cooling water leak resulted in a shutdown of unit 700. When this shutdown occurred, an engineered patch on the tower overhead line became unfastened and allowed process gas to escape. Preparations were underway to install a temporary patch until the equipment could be repaired.

Reuters, 19:22 December 16, 2014

### **Alon Reports Flaring Due to Power Failure at Its 67,000 b/d Big Spring, Texas Refinery December 16**

Reuters, 19:00 December 16, 2014

## ***Natural Gas***

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### **Update: EPNG Lifts Force Majeure at Its Pecos River Compressor Station in Texas December 16**

El Paso Natural Gas (EPNG) on Tuesday lifted the force majeure declared on Monday due to a failure of equipment associated with the Pecos River compressor station. The capacity through the Pecos constraint was reduced by 120 MMcf/d to 1,061 MMcf/d effective for Intraday 1 (Cycle 3) for Gas Day December 15.

<http://passportebb.elpaso.com/ebbmasterpage/Notices/NoticesAutoTable.aspx?code=EPNG&status=Notice&name=Critical%20Notices&sParam1=1&sParam3=14357&sParam14=D&details=Y>

<http://passportebb.elpaso.com/ebbmasterpage/Notices/NoticesAutoTable.aspx?code=EPNG&status=Notice&name=Critical%20Notices&sParam1=1&sParam3=14354&sParam14=D&details=Y>

### **Enbridge Reports Small Natural Gas Leak from Line 5 in Michigan December 8**

A small volume of liquid natural gas seeped into the atmosphere this month from a “pinhole” opening in Enbridge Energy Partners’ Line 5 pipeline in the Upper Peninsula, officials said Tuesday. The leak near Manistique, Michigan was discovered by workers performing scheduled maintenance. The opening could not be seen with the naked eye but workers noticed a “wet spot” the size of a dime on a weld where gas had escaped, according to a spokesperson. Only a “minuscule” trace was released and immediately vaporized, so there was no environmental damage and no cleanup required, the spokesperson said. Line 5 runs from North Dakota to Sarnia, Ontario, and carries both liquid gas and crude oil. The leak was fixed and the line is operating normally.

<http://finance.yahoo.com/news/small-natural-gas-leak-reported-202749939.html>

### **ExxonMobil Reports Unit Shut at Its 65 MMcf/d Dollarhide Gas Plant in Texas December 15**

ExxonMobil reported the Wauk-3 unit was shut to replace three bad engine cylinder heads. Operations shut in all flowing wells to reduce and mitigate emissions and diverted remaining gas to alternate compressor. Mechanics replaced the engine cylinder heads and restarted the unit.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=207467>

## **Piedmont Natural Gas and Spinx Announce Agreement to Add Compressed Natural Gas Refueling Facilities at South Carolina Store December 17**

Piedmont Natural Gas and The Spinx Company today announced an agreement to add a Piedmont compressed natural gas (CNG) refueling station at a Spinx convenience store location. Piedmont will lease space at an existing Spinx store located in Anderson, South Carolina in order to install the necessary CNG refueling equipment and compressors. Piedmont will own and maintain the site's CNG facilities which will be open to the public for use by commercial fleets and individual vehicles. The new station will be Piedmont's 11th public CNG refueling station in the Carolinas and in Tennessee, and its third public CNG station in South Carolina.

<http://www.prnewswire.com/news-releases/piedmont-natural-gas-and-spinx-announce-agreement-to-add-compressed-natural-gas-cng-refueling-facilities-at-anderson-south-carolina-store-300011157.html>

## **Enlink Midstream Begins Open Season for Ohio River Valley Condensate Pipeline System Project December 17**

Ohio River Valley Pipeline, LLC, an affiliate of the EnLink Midstream companies, EnLink Midstream Partners, LP and EnLink Midstream, LLC, today announced the start of a binding open season for volume commitments for interstate common carrier transportation service on a new condensate pipeline system (ORV Condensate Pipeline) in Ohio. The ORV Condensate Pipeline will transport condensate from points in Harrison, Belmont, Guernsey, Noble, Monroe, and Washington Counties to Bells Run Station in Washington County; Black Run Station in Muskingum County; and, if Ohio River Valley Pipeline, LLC elects to construct extension(s) of its system, to one or more connecting facilities in Holmes, Coshocton, and Harrison Counties. The design capacity of the ORV Condensate Pipeline will be dependent upon the level of interest shown by potential committed shippers during the open season. The open season begins today and will close on January 15, 2015.

<http://enlk.enlink.com/investor/investor-news/investor-news-details/2014/EnLink-Midstream-Begins-Open-Season-for-Ohio-River-Valley-Condensate-Pipeline-System-Project/default.aspx>

## ***Other News***

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Nothing to report.

## ***International News***

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### **Iraqi Kurdistan's Shaikan Oilfield Production to Increase to 40,000 b/d – MOL Group**

Hungary's MOL Group reported Tuesday that the Shaikan oilfield in Iraqi Kurdistan was set to see an increase in production from approximately 24,000 b/d to 40,000 b/d. MOL said that partner Gulf Keystone Petroleum, the operator of Shaikan, has completed flowlines to connect the Shaikan-7, Shaikan-8 and Shaikan-10 wells to the existing production facilities. The flowlines are currently being hydro-tested and first oil is expected to flow to the production facilities later this month. An amine plant is currently being tested at the PF-2 facility with a further amine plant expected to be installed at PF-1 in early 2015. These plants will sweeten the associated gas stream, allowing it to be used as fuel for the production facilities instead of diesel, MOL said. A rig package is also being moved to a location in the vicinity of Shaikan-10 in order to drill Shaikan-11 – an additional producer. A seven-mile flowline to tie this well to PF-2 has already been laid.

[http://www.rigzone.com/news/oil\\_gas/a/136398/Sharikan\\_Production\\_to\\_Increase\\_to\\_40000\\_Barrels\\_per\\_Day#sthash.7cTPg7li.dpuf](http://www.rigzone.com/news/oil_gas/a/136398/Sharikan_Production_to_Increase_to_40000_Barrels_per_Day#sthash.7cTPg7li.dpuf)

### **Iraq's Kurdistan Sees Oil Exports Reaching 500,000 b/d – Natural Resources Minister**

Iraq's semi-autonomous Kurdistan region will export 500,000 b/d of oil by the end of the first quarter of 2015 and will be a net contributor to Iraq's budget by the end of next year, the minister for natural resources said.

Reuters, 5:52 December 17, 2014

### **Sudan to Drill Over 250 Wells to Boost Oil, Natural Gas Reserves – State Media**

Sudan's oil minister says the country will drill more than 250 wells in the coming year, aiming to boost its energy reserves by 65.4 million barrels of oil and 300 billion cubic feet of natural gas, state media reported on Tuesday. The 253 exploratory wells planned for 2015 could attract foreign investment and help pay down the country's high debt, the Oil Minister said.

Reuters, 13:56 December 16, 2014

## Energy Prices

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U.S. Oil and Gas Prices			
December 17, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	58.22	60.94	96.97
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.56	3.61	4.21

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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*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)