



# ENERGY ASSURANCE DAILY

Thursday Evening, December 03, 2015

## *Major Development*

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### **Major Explosion Reported at Anadarko's 500 MMcf/d Ramsey Gas Plant in Texas December 3**

An explosion and fire rocked Anadarko's Ramsey natural gas plant in West Texas on Thursday morning, injuring at least two people and prompting evacuations, according to a company official and media reports. The fire was contained and natural gas feeds were shut off, the company said. Anadarko's master limited partnership, Western Gas Partners LP acquired the plant as part of its deal for Nuevo Midstream LLC in 2014. At the time, the plant included a 300 MMcf/d of cryogenic processing complex, with an additional 400 MMcf/d of processing capacity that was scheduled to be in service in 2015.

Reuters, 2:22 December 3, 2015

<http://www.ccurrentargus.com/story/news/local/new-mexico/2015/12/03/major-explosion-texas-gas-plant/76723494/>

## *Electricity*

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### **Update: Over 7,000 OG&E Customers Remain Without Power in Oklahoma December 3 after Winter Storm Hits November 27–28**

Oklahoma Gas & Electric (OG&E) on Thursday said restoration efforts were continuing to the 150,000 customers in Oklahoma who lost power over the weekend due to a weather system containing freezing rain. As of 3:30 p.m. EST Thursday, 7,894 customers remained without power. OG&E said the majority of customers should have power restored by tonight, however some isolated cases may not be restored until Friday.

<https://oge.com/wps/portal/oge/outages/systemwatch/>

<https://twitter.com/OGandE>

### **Maritime Electric Reports 18,000 Customers without Power after Car Knocks Down Power Lines in Prince Edward Island December 3**

Maritime Electric on Thursday morning reported about 18,000 customers were without power in eastern Prince Edward Island after a car collision knocked out a transmission structure. All customers had power restored by noon, according to a Maritime Electric spokeswoman.

[http://www.maritimeelectric.com/power\\_outages/current\\_poweroutages.aspx](http://www.maritimeelectric.com/power_outages/current_poweroutages.aspx)

<http://www.theguardian.pe.ca/News/Local/2015-12-03/article-4363401/Power-outage-leaves-18,000-Maritime-Electric-customers-in-the-dark/1>

### **High Winds Knock Out Power to 11,000 Puget Sound Energy Customers in Washington December 3**

Puget Sound Energy on Thursday morning said high winds knocked out power to over 11,000 customers. Wind gusts of up to 60 mph were reported. As of 3:30 p.m. EST Thursday, 4,345 customers remained without power.

<https://pse.com/accountsandservices/ServiceAlert/Pages/Outage-Map.aspx?WT.ac=Flyout-OutageMap>

<http://www.king5.com/story/weather/2015/12/03/high-winds-could-take-down-trees-knock-out-power-thursday/76715506/>

### **Update: FPL's 510 MW Point Beach Nuclear Unit 1 in Wisconsin Restarts, Ramps Up to 79 Percent by December 3**

The unit shut from full power on November 29 due to a generator lockout after a voltage regulator malfunction.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20151130en.html>

### **Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramps Up to 14 Percent by December 3**

The unit shut from full power on November 27 following the loss of a switchyard electrical breaker.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20151130en.html>

Reuters, 10:33 November 30, 2015

### **Update: AES's 496 MW Redondo Gas-fired Unit 8 in California Returns to Service by December 2**

The unit returned from an unplanned outage that began on December 1.

<http://content.caiso.com/unitstatus/data/unitstatus201512021515.html>

### **Dynegy's 335 MW El Segundo Gas-fired Unit 4 in California Shut by December 2**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201512021515.html>

### **New York Has Enough Power for 2015-16 Winter Season – NYISO**

New York's electricity system has the capacity to meet demand for power through the 2015–16 winter season, the New York Independent System Operator (NYISO) said on Thursday. The grid operator expects a peak load demand of 24,515 MW during this season, lower by 133 MW than the previous winter, and down by 1,223 MW compared to the record winter peak of 2014. If extreme weather conditions produce colder temperatures than average, peak demand could increase to about 26,100 MW, NYISO added.

[http://www.nyiso.com/public/webdocs/media\\_room/press\\_releases/2015/Winter\\_Outlook-NYISO\\_Forecasts\\_Adequate\\_Electric\\_for\\_Winter\\_2015-16.pdf](http://www.nyiso.com/public/webdocs/media_room/press_releases/2015/Winter_Outlook-NYISO_Forecasts_Adequate_Electric_for_Winter_2015-16.pdf)

### **SunEdison Starts Construction on 4.5 MW Solar Farm in Massachusetts December 3**

SunEdison, Inc. today announced it started construction on a 4.5 MW solar project in Dighton, Massachusetts for the Brockton Housing Authority. The housing authority, which serves around 7,000 low and very low income residents, signed a 20-year power purchase agreement with SunEdison last year, and anticipates saving more than \$14 million on energy costs over the period of the agreement. Construction is targeted for completion during the first half of 2016.

<http://investors.sunedison.com/phoenix.zhtml?c=106680&p=irol-newsArticle&ID=2119837>

### **North Dakota Regulators Approve Tradewind Energy's 150 MW Lindahl Wind Project**

North Dakota's Public Service Commission on Wednesday approved Tradewind Energy's 150 MW Lindahl Wind Project in Williams County. The project will be located 4 miles north of Tioga and will include up to 75 turbines on 13,000 acres. The power will be sold to Basin Electric Power Cooperative. Construction is expected to start early 2016 and be completed by the end of the year.

Reuters, 11:01 December 3, 2015

### **EDF Renewable Energy Signs Agreement to Supply Google with 201 MW of Wind Power in Oklahoma**

Google Inc. announced today that it signed a deal with EDF Renewable Energy to purchase renewable energy for its data center. The Power Purchase Agreement will provide Google with the full output of the 201 MW Great Western Wind Project located in Woodward and Ellis counties near the base of the Oklahoma panhandle. The project will commence construction in the first quarter of 2016 and be fully operational by end of the year.

[http://www.edf-](http://www.edf-re.com/about/press/edf_renewable_energy_signs_agreement_to_supply_google_with_201_megawatts_of/)

[re.com/about/press/edf\\_renewable\\_energy\\_signs\\_agreement\\_to\\_supply\\_google\\_with\\_201\\_megawatts\\_of/](http://www.edf-re.com/about/press/edf_renewable_energy_signs_agreement_to_supply_google_with_201_megawatts_of/)

### **Duke Energy Renewables Announces 200 MW Wind Project in Oklahoma**

Duke Energy Renewables today announced it will build the Frontier Windpower Project in Kay County, Oklahoma, the company's first renewables project in the state. The power will be sold to City Utilities of Springfield, Missouri, under a 22-year agreement. Construction is scheduled to accelerate in the first quarter of 2016, and the Frontier Windpower Project is expected to be operational by the end of 2016.

<http://news.duke-energy.com/releases/duke-energy-renewables-blows-into-oklahoma-with-200-megawatt-wind-project>

### **Update: Hydrotreater at PBF's 192,500 b/d Chalmette, Louisiana Refinery Due to Restart Next Week – Sources**

PBF Energy Inc expects to return a 45,000 b/d gas oil hydrotreater at its Chalmette, Louisiana, refinery to production by early next week after completing repairs, sources familiar with plant operations said on Thursday. The hydrotreater was shut by a malfunction on Tuesday afternoon. PBF had initially hoped to restore the hydrotreater to production this week but pushed back the unit's restart to complete needed repairs, the sources said. Reuters, 11:05 December 3, 2015

### **Enbridge's Newly Reversed 300,000 b/d Line 9B Delivers Crude Oil to Eastern Canada December 2 – Source**

One eastern Canadian refiner began receiving crude oil via Enbridge Inc's newly reversed Line 9B Tuesday, according to a source. About 60,000 barrels of crude was received as of Tuesday, including Bakken oil from North Dakota, said the source. Enbridge began reversing the pipeline in 2011 as refineries in eastern Canada looked to tap into cheaper oil being produced in western Canada and the U.S. Midwest. Land-locked crudes typically sell at a discount to waterborne supplies. Companies like Suncor Energy Inc. and Valero Energy Corp. have said their refineries in Quebec could rely 100 percent on North American crude after the reversed pipeline ramps up to full capacity. The new flow has redirected some crude that used to go to Cushing, Oklahoma.

<http://www.bloomberg.com/news/articles/2015-12-02/enbridge-line-9b-said-to-deliver-crude-oil-to-eastern-canada?cmpid=yhoo.headline>

### **House Passes Energy Bill Repealing Oil Export Ban, Obama Threatens Veto December 3**

The U.S. House of Representatives passed a wide-ranging bill on energy reforms on Thursday that includes a measure to repeal the 40-year-old oil export ban, but the legislation did not get enough votes to overturn a potential veto by President Barack Obama. The North American Energy Security and Infrastructure Act passed 249 to 174, but did not get the 290 votes needed to overcome a veto. The bill would also speed the permitting of liquefied natural gas (LNG) exports and improve the aging power grid. The White House said late last month that Obama would veto the bill as it would reduce the government's ability to consider LNG projects. That veto threat came before the lawmakers added an amendment to repeal the oil export ban, which Obama also opposes. The Senate is seen as unlikely to pass a bill that includes lifting the trade restriction amid concerns that more domestic drilling would harm the environment, lead to more oil being carried by trains, and hurt jobs at refineries.

Reuters, 12:06 December 3, 2015

### **True Oil's Disposal Well Spills Over 17,000 Gallons of Saltwater Due to Pump Leak in North Dakota November 30**

The North Dakota Oil and Gas Division reported that True Oil LLC released, contained, and recovered 17,640 gallons of saltwater that was discharged November 30 from a disposal well near Watford City due to a pump leak.

<http://www.dailyjournal.net/view/story/0424e706b81f464ab3883294437fb1ad/ND--Saltwater-Spill>

### **Enbridge May Make Decision on Its Northern Gateway Pipeline in British Columbia by End of 2016 – CEO**

Enbridge's CEO said a decision on whether to build the Northern Gateway pipeline across British Columbia may come in late 2016, though the company is not concerned with sticking to a certain timeline. Northern Gateway would ship more than half a million barrels a day of Alberta crude to the port of Kitimat, British Columbia, with the aim of sending tankers to lucrative markets across the Pacific. Enbridge has had its permit to build Northern Gateway, with 209 conditions attached, since mid-2014. Instead of laying down pipe straight away, Enbridge has opted to take the time necessary to build First Nations support.

Reuters, 11:31 December 3, 2015

### **Rose Rock Midstream, SemGroup Delay 65,000 b/d White Cliffs Pipeline Expansion from Colorado to Oklahoma**

Rose Rock Midstream and SemGroup Corp have delayed the 65,000 b/d expansion to their Colorado to Oklahoma White Cliffs Pipeline to mid-2016 from late this year, a spokeswoman said on Wednesday. The project will push White Cliffs' overall capacity to 215,000 b/d but the companies decided to focus immediate spending on more profitable projects as they expect fluctuations in volumes with upcoming startups of competing pipelines in 2016 and 2017, the spokeswoman said.

Reuters, 6:22 December 2, 2015

## **Marathon Petroleum Planning Integration of Its 451,000 b/d Galveston Bay and 84,000 b/d Texas City Refineries in Texas – Executive**

Marathon Petroleum Corp will combine its two Texas refineries into one 585,000 b/d plant by 2020, an executive told analysts on Thursday. The \$2 billion project will involve adding a new ultra-low sulfur diesel hydrotreater, revamping a crude unit, and increasing residual oil processing, the senior vice president of refining said. The project will combine Marathon's 451,000 b/d Galveston Bay refinery and its 84,000 b/d Texas City plant.  
Reuters, 9:47 December 3, 2015

## **Maine Stops Providing Details of Oil-by-Rail Shipments to Public**

Maine will no longer disclose to the public any details about shipments of crude oil by rail through the state, an official said on Wednesday, a move that has angered activists who say the information is critical to public safety. The state's Department of Environmental Protection on Wednesday declined a reporter's request for monthly volumes of crude oil shipped by rail, citing a June law that prohibits emergency responders from disclosing certain details about rail shipments of hazardous materials through the state. A U.S. Department of Transportation Executive Order in 2014 required railroads to inform emergency responders about large cargoes of Bakken oil passing through their states. But many railroad companies, citing security concerns along their tracks, have lobbied to keep that information from the public. Lawmakers passed the Maine bill, which would prohibit the public from accessing the same information as emergency responders. A spokesman for Maine's Department of Environmental Protection said the agency was still seeking guidance on how to implement the law.  
Reuters, 5:20 December 2, 2015

## ***Natural Gas***

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### **Update: Tallgrass Energy Lifts Force Majeure on Its Wamsutter Echo Springs Compressor Station in Wyoming December 3**

The force majeure declared on Friday, November 13 was lifted effective for gas day Thursday, December 3. Nominations at the Wamsutter Echo Springs receipt point will be scheduled to the full operating capacity of the receipt point.

<http://pipeline.tallgrassenergy.com/Pages/NoticeDetail.aspx?pipeline=501&type=CRIT>

## ***Other News***

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Nothing to report.

## ***International News***

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Nothing to report.

## ***Energy Prices***

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| <b>U.S. Oil and Gas Prices</b>                                       |              |                 |                 |
|--|--------------|-----------------|-----------------|
| December 3, 2015   |              |                 |                 |
|  | <b>Today</b> | <b>Week Ago</b> | <b>Year Ago</b> |
| <b>CRUDE OIL</b><br><b>West Texas Intermediate U.S.</b><br>\$/Barrel | 41.08        | 40.78           | 67.25           |
| <b>NATURAL GAS</b><br><b>Henry Hub</b><br>\$/Million Btu             | 2.11         | 2.11            | 3.74            |

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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