



# ENERGY ASSURANCE DAILY

Tuesday Evening, January 05, 2016

## *Electricity*

---

### **Progress Energy's 710 MW Robinson Nuclear Unit 2 in South Carolina Reduced to 79 Percent by January 5**

On the morning of January 4 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Reduced to 80 Percent by January 5**

On the morning of January 4 the unit was operating at 99 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **Update: Solar Partners' 133 MW Ivanpah Solar Unit 2 in California Returns to Service by January 4**

The unit returned from an unplanned outage that began on January 3.

<http://content.caiso.com/unitstatus/data/unitstatus201601041515.html>

### **Hudson Transmission Says Its 660 MW HVDC Power Cable Remains Shut Due to Small Leak into Hudson River between New York and New Jersey January 5**

Hudson Transmission Partners LLC said on Tuesday its high voltage direct current (HVDC) power cable buried beneath the Hudson River between New Jersey and New York City remained out of service while the company looks for the source of a small leak of nontoxic, insulation fluid. Hudson Transmission, a unit of PowerBridge LLC of Connecticut, said it sent spill responders to the area of the leak near the New Jersey shoreline in Edgewater on Saturday and have contained the cable fluid with booms and absorbent materials. The fluid, which is used inside the cable for insulation, is considered nontoxic and biodegradable, and there are currently no observed environmental impacts in the area, the U.S. Coast Guard said in a statement. The company has estimated the rate of leakage at three to four gallons per hour and stated the cable will remain out of service until repairs were made. A spokesman for the New York Power Authority said the cable shutdown did not affect customers as other sources of power are sufficient to meet current demand. The Hudson cable, which can transport 660 MW of HVDC power between New York City and PJM Interconnection, originates in Ridgefield, NJ where a converter station interconnects with the PJM system at a PSE&G substation. The HVDC transmission line follows existing railroad rights-of-way, through an inactive railroad tunnel to the edge of the Hudson River in Edgewater, where it is buried beneath the Hudson for approximately three-and-a-half miles to a landfall point near Pier 92 in Manhattan. The final stretch of the line is routed beneath the West Side Highway and ultimately into the ConEdison W. 49th Street Substation.

Reuters, 14:44 January 5, 2016

<http://hudsonproject.com/project/>

### **Montana-Dakota Utilities Acquires 107 MW Thunder Spirit Wind in North Dakota from ALLETE Clean Energy**

ALLETE Clean Energy finalized its sale of the Thunder Spirit wind development to Montana-Dakota Utilities after wrapping up construction on the project in December 2015. A subsidiary of ALLETE Inc., ALLETE Clean Energy built the 107 MW wind farm near Hettinger, North Dakota under a development agreement with Montana-Dakota Utilities, a division of MDU Resources Group.

<http://investor.allete.com/releasedetail.cfm?ReleaseID=948692>

## **EDF Renewable Energy Announces Commercial Operation of 250 MW Roosevelt Wind Project in New Mexico**

EDF Renewable Energy announced today that the 250 MW Roosevelt Wind Project, located within Roosevelt County, New Mexico reached commercial operation on December 15, 2015. Southwestern Public Service Company (SPS), a subsidiary of Xcel Energy, will purchase the electricity generated pursuant to a 20-year, fixed-price power purchase agreement.

[http://www.edf-re.com/about/press/edf\\_commercial\\_operation\\_roosevelt\\_wind\\_project/](http://www.edf-re.com/about/press/edf_commercial_operation_roosevelt_wind_project/)

## ***Petroleum***

---

### **Update: Enbridge Restarts Its 215,000 b/d Ozark Crude Oil Pipeline after Flooding – Notice**

Enbridge Inc said in a notice to shippers on Tuesday that its Ozark crude pipeline restarted early Tuesday afternoon after it was shut last week due to flooding along the Mississippi River. The pipeline has the capacity to pump 215,000 b/d of crude oil and runs 433 miles from Cushing, Oklahoma to Wood River, Illinois where Phillips 66 operates its 366,000 b/d Wood River, Illinois refinery. The restart comes one day after Spectra restarted its Platte crude oil pipeline, which also terminates near the Phillips 66 Wood River refinery.

Reuters, 15:00 January 5, 2016

### **Enbridge Shuts Its Line 7 Crude Oil Pipeline in Ontario for Several Hours after Protestors Tamper with Valve Station January 4**

Enbridge Inc shut down its Line 7 crude oil pipeline for approximately three hours on Monday morning, a company spokesman said, after protesters restricted flow on the pipeline on Sunday night by tampering with a valve station. A spokesman said the Line 7 crude oil pipeline, which typically carries around 150,000 b/d of crude from Sarnia, Ontario, to Westover, Ontario, was shut down as a precaution so maintenance workers could inspect the valve station. Line 7 was restarted on later on Monday and the company said there was no impact on deliveries.

Reuters, 18:21 January 4, 2016

### **Tesoro Completes Maintenance at Its 257,300 b/d Carson, California Refinery January 4**

Tesoro Corp on Monday said it had completed maintenance activities on the Carson portion of its refinery in Los Angeles. The company first confirmed unplanned maintenance was under way at the facility in late November following an operational upset in a gasoline-producing unit, sources said.

Reuters, 19:19 January 4, 2016

### **Chevron Reports Startup Malfunction at Its 245,271 b/d Richmond, California Refinery December 29**

Chevron Corp on December 29 reported a startup malfunction at its Richmond, California refinery.

Reuters, 13:58 January 5, 2016

### **Tesoro Restarts Units at Its 166,000 b/d Martinez, California Refinery after Weekend Power Outage January 4**

Tesoro Corp on Monday said it was restarting units at its Martinez refinery near San Francisco, California following a weekend power outage. The refinery experienced a temporary power outage on January 2, which resulted in several units shutting down, according to a spokesman for Tesoro. The company added it expects flaring at the plant until units are back in operation.

Reuters, 15:40 January 4, 2016

### **ExxonMobil Says Operations Normal after Power Trip at Its 344,600 b/d Beaumont, Texas Refinery December 30**

Exxon Mobil Corp said operations were normal at its Beaumont, Texas refinery after a December 30 power trip.

Reuters, 14:02 January 5, 2016

## **HollyFrontier Reports Issues with SRU at Its 102,000 b/d Navajo, New Mexico Refinery December 29**

HollyFrontier Corp on December 29 reported issues with the sulfur recovery unit (SRU) at its Navajo refinery located in Artesia, New Mexico.  
Reuters, 13:52 January 5, 2016

## ***Natural Gas***

---

### **Update: SoCal Gas Erecting Screens to Catch Mist from Aliso Canyon Natural Gas Leak – Los Angeles Times Report**

Southern California Gas Co (SoCal Gas) was erecting large screens near a massive underground leak of natural gas that has been seeping into the air to prevent wind-blown droplets from drifting to the surrounding community, the Los Angeles Times reported on Monday. On Sunday, crews began erecting 100-foot high mesh screens to catch airborne droplets of a brine solution emanating from the leak site that may contained trace amounts of oil, a utility spokeswoman told the Los Angeles Times. The utility said in a statement on Monday it continued efforts to stop the leak at its Aliso Canyon Storage Facility and was on track for repairs to be complete by late February or March. Several thousand residents of the Porter Ranch community have been displaced while the repairs take place, with the utility agreeing to provide temporary accommodations or reimburse those who make their own arrangements. The natural gas leak, first detected on October 23, 2015, is believed to have been caused by a broken injection-well pipe several hundred feet beneath the surface of the utility's 3,600-acre Aliso Canyon gas storage field.

<http://www.latimes.com/local/california/la-me-porter-ranch-20160105-story.html>

<https://www.facebook.com/SoCalGas/>

Reuters, 2:04 January 5, 2016

### **Enbridge Reports AGI Compressors Offline at Its Tilden Gas Plant in Texas January 4**

Enbridge reported an upset occurred due to a valve malfunction, which caused mainline compression to fail. As a result, acid gas injector (AGI) compressors 1, 2, and 3 went offline. All gas was routed to the flare to curtail emissions. Processing and flow rates were adjusted as needed to minimize downtime, flare duration, and bring the plant back online as the malfunctioning valve was being replaced.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=225291>

### **Regency Reports AGC Shut at Its 290 MMcf/d Waha Gas Plant in Texas January 3**

Regency reported flaring from the amine treater after the acid gas compressor (AGC) shut on a "cylinder lubricator no flow" alarm. The oil filters were replaced and purged through oil lines, and the AGC was restarted.

<http://www2.tceq.texas.gov/oce/eer/index.cfm?fuseaction=main.getDetails&target=225232>

## ***Other News***

---

Nothing to report.

## ***International News***

---

### **Update: Islamic State Militants Target Libya's Es Sider Oil Port for Second Day January 5**

Islamic State militants attacked checkpoints near the Libyan oil port of Es Sider for a second day on Tuesday and an oil storage tank in the port was set on fire by a long-range rocket, a spokesman for the security guards said. The militants were 19–25 miles from the port, which they also targeted on Monday in an attack that left seven guards dead and 25 wounded. The National Oil Corporation (NOC) said the oil tank fire had started just as firefighters were close to bringing under control another fire at an oil tank in the nearby port of Ras Lanuf, which was hit during fighting on Monday. Es Sider and Ras Lanuf, Libya's biggest oil ports, have been closed since December 2014.

Reuters, 10:22 January 5, 2016

## Output at Algeria's Skikda Refinery Unaffected by Explosion, Fire – Source

An explosion and fire at Algeria's Skikda oil refinery complex on Tuesday injured 18 people, but did not affect production, a source at state energy company Sonatrach said. The incident occurred in a unit used to fill butane bottles at the refinery, the source said.

Reuters, 7:41 January 5, 2016

## Energy Prices

U.S. Oil and Gas Prices			
January 5, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	35.92	37.83	50.01
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.39	2.08	2.99

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](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

*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)