



# ENERGY ASSURANCE DAILY

Friday Evening, February 05, 2016

## Electricity

### Snowstorm Knocks Out Power to Over 212,000 Customers in New England February 5

A snowstorm producing heavy snow and high winds knocked out power to 212,631 customers from New Jersey to New Hampshire beginning on Friday morning. As of 3:30 p.m. EST Friday, 177,661 customers remained without power. Eversource, the hardest hit utility with 64,660 customer outages in Connecticut, said its crews were responding as quickly as possible, but trees and wires were falling under the weight of the heavy snow. Winter Storm Warnings are in effect in parts of Maine, Massachusetts, Rhode Island, Connecticut and Long Island, NY. Elsewhere along the Atlantic coast, Winter Weather Advisories were in effect. A mix of rain and snow will persist over the Northeast this evening and into Saturday morning, and snowfall could potentially inhibit transportation of restoration services, as roads may become snow-covered and slippery. Outage numbers may continue to fluctuate until the storm passes. The table below shows total affected customers and the latest reported outages by utility. The “Affected” column shows the total count of customers that lost power at one point or another over the course of the storm for each utility. These outages may not have occurred concurrently and are not the same as peak outages.

New England and Mid-Atlantic Customer Power Outages			
February 5, 2016			
Electric Utility	State	Affected	Latest Reported
Eversource	CT	64,660	54,481
The United Illuminating Company	CT	5,609	4,797
Eversource	MA	36,595	36,595
National Grid	MA	32,274	32,274
Eversource	NH	6,758	6,758
Jersey Central Power & Light	NJ	9,447	1,690
Public Service Electric and Gas	NJ	2,115	273
Atlantic City Electric	NJ	1,787	270
PSEG Long Island	NY	19,004	14,267
NYSEG	NY	7,213	2,143
ConEdison	NY	1,528	1,528
National Grid	RI	25,641	22,585
<b>TOTAL*</b>		<b>212,631</b>	<b>177,661</b>

\*Total outages represent only electric utilities listed in this table.

Sources:

- <https://www.eversource.com/clp/outage/outagemap.aspx>
- <https://twitter.com/eversourcect>
- <http://www.uinet.com/wps/portal/uinet/customer-care/home-residential/storm>
- [https://s3.amazonaws.com/stormcenter.nationalgridus.com/external/sc\\_ma.html](https://s3.amazonaws.com/stormcenter.nationalgridus.com/external/sc_ma.html)
- <https://www.eversource.com/psnh/outage/outagemap.aspx>
- <http://outages.firstenergycorp.com/nj.html>
- <http://outagecenter.pseg.com/external/default.html>
- <http://www.atlanticcityelectric.com/pages/connectwithus/outages/outagemaps.aspx>
- <https://www.psegliny.com/c.cfm/Outage>
- <https://outagemap.nyseg.com/NYSEG/>
- [http://apps.coned.com/stormcenter\\_external/default.html](http://apps.coned.com/stormcenter_external/default.html)
- [https://s3.amazonaws.com/stormcenter.nationalgridus.com/external/sc\\_ri.html](https://s3.amazonaws.com/stormcenter.nationalgridus.com/external/sc_ri.html)

## **PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey Shut on February 4**

The unit shut from full power due to a main turbine trip.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160205en.html>

## **Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramps Up to 90 Percent by February 5**

On the morning of February 4 the unit was operating at 78 percent after restarting by January 31. The unit shut from full power on January 9 following an electrical failure caused by a lightning strike.

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

Reuters, 3:04 January 11, 2016

## ***Petroleum***

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### **Enterprise Experiencing Delays Delivering Crude from Cushing, Oklahoma Storage Tanks – Sources**

Enterprise Products Partners has told at least some counterparties that it is experiencing delays in delivering crude from its tanks due to the unprecedented build-up of surplus crude oil supplies in Cushing, Oklahoma, according to three sources who were informed of unspecified terminal and pump issues. The problem, the sources say, appears to be related to oil volumes being so high in Cushing that there is not enough room to drain existing tanks to blend oil to West Texas Intermediate specifications. Stockpiles in Cushing, where Enterprise owns 3.3 million barrels of storage capacity, have risen to a record 64.2 million barrels as of last week, according to the U.S. Energy Information Administration.

Reuters, 13:15 February 5, 2016

### **Obama to Propose a \$10 per Barrel Tax on Oil in Budget Proposal Next Week**

President Barack Obama will launch a bid next week to impose a \$10 per barrel tax on crude oil that would fund the overhaul of the nation's aging transportation infrastructure, the White House said on Thursday. The proposed fee would be paid by oil companies and phased in over five years. Set to be officially announced in Obama's fiscal 2017 budget plan on Tuesday, the fee would provide nearly \$20 billion a year to help expand transit systems across the country and more than \$2 billion a year to support the research and development of self-driving vehicles and other low-carbon technologies.

<https://www.whitehouse.gov/the-press-office/2016/02/04/fact-sheet-president-obamas-21st-century-clean-transportation-system>

<http://www.reuters.com/article/us-usa-budget-oil-idUSKCN0VD2Q7>

### **Update: Shell Reports Unit Startup, Flaring at Its 316,600 b/d Deer Park, Texas Refinery February 5**

Royal Dutch Shell Plc reported unspecified unit startup activities were in progress that may cause visible flaring at its Deer Park, Texas refinery, according to a community alerting system. On Thursday, the 270,000 b/d crude distillation unit (CDU) #2 was shut after a leak was discovered from a feed line. The CDU shutdown also resulted in processing cuts to other unspecified units at the refinery.

Reuters, 12:51 February 5, 2016

### **Citgo Reports Normal Operations after SRU Electrical Outage at Its 157,500 b/d Corpus Christi West, Texas Refinery February 5**

Citgo Petroleum Corp on Friday afternoon reported operations had returned to normal at its Corpus Christi West, Texas refinery after a temporary sulfur recovery unit (SRU) electrical outage affected some unit operations earlier in the morning.

Reuters, 8:09 February 5, 2016

Reuters, 15:21 February 5, 2016

## Small Fire Extinguished at Shell's 75,000 b/d Sarnia, Ontario Refinery February 4 – Local Media

A small fire was put out at Royal Dutch Shell's refinery in Sarnia, Ontario on Thursday, according to local media. The fire occurred in the sulfur containment area and was immediately extinguished, the report said quoting a company spokesperson. No injuries were reported and operations were not affected, the report added. Reuters, 11:10 February 5, 2016

## Tesoro to Pay West Coast Refinery Workers \$8 Million in Bonuses Denied during 2015 Strike – National Labor Relations Board

Tesoro Corp agreed to pay \$8.08 million to 769 United Steelworkers union members at refineries in California and Washington who were denied bonuses while on strike in 2015, the U.S. National Labor Relations Board (NLRB) said on Friday. The bonuses were awarded on March 6, 2015 to non-striking employees for the previous year, according to the NLRB statement. Tesoro withheld the bonuses from the striking workers, contending it was in accordance with an agreement between the union and the company. Complaints were filed with the NLRB by workers at the company's 257,300 b/d Carson, California, and 120,000 b/d Anacortes, Washington, refineries alleging failure to pay the bonuses was a retaliation for the strike and an unlawful modification of the agreement, the NLRB said. Under the settlement agreement, Tesoro admits no violation of the U.S. National Labor Relations Act, the NLRB added.

<https://www.nlr.gov/news-outreach/news-story/tesoro-steelworkers-reach-808-million-settlement>

Reuters, 13:22 February 5, 2016

## Natural Gas

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### ExxonMobil Reports Unit Shut at Its 65 MMcf/d Dollarhide Gas Plant in Texas February 4

ExxonMobil reported the Wauk-3 unit was shut due to a high first stage suction scrubber shutdown. An attempted restart failed and all available flowing wells were shut in to reduce and mitigate emissions.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=227195>

## Other News

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Nothing to report.

## International News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
February 5, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	30.81	33.61	51.38
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.05	2.12	2.73

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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