



# ENERGY ASSURANCE DAILY

Friday Evening, October 19, 2007

## Major Developments

### Storm Knocks Out Power to 310,000 Customers in Washington State October 18

More than 310,000 customers lost power at some point Thursday evening as a major wind and thunderstorm swept through western Washington State. At the storm's peak about 220,000 customers were without power at one time. Crews worked overnight to restore power as high winds continued to knock out additional customers. The table below shows the peak number of outages by utility.

Western Washington State Customer Outages			
October 18 – 19			
Electric Utility	State	Peak	Latest Reported
Puget Sound Energy	WA	162,000	13,000
Snohomish County Public Utility District	WA	85,000	6,800
Seattle City Light	WA	40,000	0
Tacoma City Light	WA	23,000	unknown
Grays Harbor County Public Utility District	WA	3,500	unknown
<b>TOTAL*</b>		<b>310,000</b>	

\*Total outages of 310,000 represent peaks at the individual electric utilities listed in this table. The actual total peak at any one point in time was only about 220,000 customers because individual utilities hit their peaks at different times.

Sources:

All: <http://www.tri-cityherald.com/tch/local/state/story/9391676p-9304642c.html>

<http://www.tri-cityherald.com/tch/local/state/story/9391676p-9304642c.html>

[http://www.montanansnewsstation.com/Global/story.asp?S=7236411&nav=menu227\\_8](http://www.montanansnewsstation.com/Global/story.asp?S=7236411&nav=menu227_8)

<http://www.kgw.com/sharedcontent/APStories/stories/D8SC4CEG0.html>

<http://www.thenewstribune.com/front/topphoto/story/182739.html>

PSE: <http://www.pse.com/safetyReliability/PSEServiceAlertUpdates.aspx>

SNOPUD: <http://www.snopud.com/?p=2214>

Seattle City Light: <http://www2.seattle.gov/light/outage2/>

## Electricity

### Kansas Regulators Deny Air Permits for Proposed Coal-fired Units—Cite Global Warming

The Kansas Department of Health and Environment rejected Sunflower Electric Power's bid to build two 700 MW coal-fired power generators. It was the first time a United States government agency denied an air permit for carbon dioxide emissions. The decision—the latest in a string of refusals for coal-generated electricity—sparked criticism from analysts who said the nation needs coal plants to provide cheap power. Plant operational costs have increased 40 percent this year due to material costs and demand for skilled labor. The Department of Energy reported that 16 projects totaling 15,864 MW have been canceled and 30,000 MW of projects delayed. Analysts said utilities are postponing some projects while Congress considers future regulations on greenhouse gas emissions.

Reuters, 16:05 October 18, 2007

<http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/10-19-2007/0004685709&EDATE=>

[http://www.washingtonpost.com/wp-dyn/content/article/2007/10/18/AR2007101802452.html?nav=rss\\_politics](http://www.washingtonpost.com/wp-dyn/content/article/2007/10/18/AR2007101802452.html?nav=rss_politics)

## **Storm Knocks Out Power to 30,000 Consumer Energy Customers in Michigan October 18**

As of this morning, 8,600 customers remained without power.

[http://blog.mlive.com/grpress/2007/10/power\\_to\\_be\\_restored\\_statewide.html](http://blog.mlive.com/grpress/2007/10/power_to_be_restored_statewide.html)

## **Update: TVA's 1,155 MW Browns Ferry Nuke Unit 1 in Alabama Ramped Up to 70 Percent October 19**

According to the Nuclear Regulatory Commission, the unit was operating at 15 percent on October 18. The unit shut October 12 after a steam monitor failed in the turbine.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2007/20071018ps.html>

Reuters, 7:32 October 19, 2007

## **Entergy's 813 MW FitzPatrick Nuke Unit in New York Reduced to 65 Percent October 19**

According to the Nuclear Regulatory Commission, the unit was operating at 100 percent on October 18.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2007/20071018ps.html>

## **Transalta's 280 MW Sundance Coal-Fired Unit 2 in Alberta Shut October 18**

The restart date is unknown.

Reuters, 8:03 October 19, 2007

## ***Petroleum***

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### **Valero Reports Emissions during Restart of Crude Unit at 325,000 b/d Port Arthur Refinery in Texas October 19—Coker Capacity Still Reduced**

According to a filing with Texas Regulators, Valero reported flaring during the startup of a crude unit beginning at midnight local time. The crude unit had been down since Hurricane Humberto, September 13, but its outage had no affect on production. The coker, separately, has been limited since August because of a broken conveyor and remains at 80% of its 100,000 b/d capacity.

Bloomberg News, 13:40 October 19, 2007

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=98757>

### **BP Delays Restarts at 460,000 b/d Texas City, TX Refinery until November**

BP will not restart a fluid catalytic cracking unit, coking unit, or hydrotreater until early November. It was not clear which of its three FCC units was shut—together they have a capacity of 218,000 b/d.

Reuters, 12:23 October 19, 2007

### **Update: ConocoPhillips 139,000 b/d Los Angeles Refinery Expects Restoration over Weekend**

A hydrocracking unit shut during a power failure October 3 and restarted October 18. ConocoPhillips said the restart would be complete this weekend.

Reuters, 13:18 October 19, 2007

### **Power Outage Slows Venezuela's 300,000 b/d Cardon Refinery October 19**

PDVSA said several of its Cardon units were out, but declined to mention which, or how they would affect capacity. Similar power failures at the Puerto La Cruz and El Palito refineries have already crippled PDVSA's production this month, but the group said its Cardon units would be restored within four days.

Reuters, 14:12 October 19, 2007

Bloomberg News, 17:44 October 19, 2007

## ***Natural Gas***

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Nothing to report.

## Other News

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### DOE to Fund Programs Fighting Cyber Attacks—Energy Infrastructure at Risk

The projects would measure vulnerability, advance security, and limit the impact of successful attacks. Assistant Secretary for Electricity Delivery and Energy Reliability Kevin M. Kolevar said the Department of Energy plans to fund as much as \$7.9 million in projects.

<http://www.energy.gov/news/5643.htm>

## Energy Prices

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U.S. Oil and Gas Prices			
October 19, 2007			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> West Texas Intermediate U.S. \$/Barrel	88.41	83.73	58.85
<b>NATURAL GAS</b> Henry Hub \$/Million Btu	6.91	6.46	6.77

Source: Reuters

## Energy Notes

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### Update: Allegheny to Hold Public Hearings for Proposed 500-kV Transmission Line in West Virginia—PJM Says Line Needed to Prevent Blackouts

<http://www.pr-inside.com/hearings-begin-oct-23-on-allegheny-r254746.htm>

### BG Group Says Alaska Should Liquefy and Export North Slope Natural Gas to Pacific Rim Rather than Building a Pipeline to Send the Natural Gas to the Lower-48 States.

Reuters, 21:34 October 18, 2007

### Update: Con Ed Claims City Responsible for July 18 Steam-Pipe Explosion

<http://www.topix.net/content/ap/2007/10/con-ed-suggests-city-may-be-at-fault-in-steam-pipe-blast-2>

### Protest Shuts Petroecuador's Block 15 Oil Field October 14 to October 19, Estimated Eight Days Needed to Restore Production

[http://www.rigzone.com/news/article\\_pf.asp?a\\_id=51684](http://www.rigzone.com/news/article_pf.asp?a_id=51684)

### Storm Knocks Out Power to 14,000 Nashville Electric Customers in Tennessee October 18

<http://www.newschannel5.com/Global/story.asp?S=7236053>

### FERC Requires More Stringent Landowner Notifications for Natural Gas Pipeline Projects

<http://intelligencepress.com/>

### Year to Date U.S. Fuel Production at Record Pace - API

<http://www.downstreamtoday.com/News/ArticlePrint.aspx?aid=6595>

### California ISO Plans to Financially Promote Renewable Generating Facilities

<http://www.platts.com/Electric%20Power/News/6529895.xml?p=Electric%20Power/News&sub=Electric%20Power>

## Links

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***This Week in Petroleum*** from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

### **ENERGY ASSURANCE DAILY**

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

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