



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Monday Evening, July 22, 2013

## *Electricity*

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### **Severe Thunderstorms Knock Out Power to 560,000 Hydro-Quebec Customers July 19**

Hydro-Quebec has restored service to over 90 percent of its affected customers following severe thunderstorms that swept through southern Quebec Friday evening causing 560,000 outages and extensive damage in certain locations. By 11:00 a.m. Monday, there were still about 44,000 customers without power throughout Quebec.

<http://news.hydroquebec.com/en/press-releases/hq/388/major-outages-hydro-quebec-has-restored-service-to-over-90-of-affected-customers/>

### **Storms, High Winds Knock Out Power to 145,000 DTE Customers in Michigan July 19**

Approximately 145,000 DTE Energy customers in southeast Michigan were left without power Friday evening after storms and high winds downed power lines. As of 11:00 a.m. Monday, 9,000 customers remained without power and DTE expects most to be restored by Monday evening.

<https://www2.dteenergy.com/wps/portal/dte/residential/problemsSafety/details/Outage%20Center/>

### **PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Disconnected from Grid July 21**

Operators disconnected Unit 1 at the Susquehanna nuclear power plant in northeastern Pennsylvania from the regional power grid on Sunday to repair one of four valves that control the amount of steam going into the turbine. On the morning of July 21 the unit was operating at 15 percent, down from 75 percent on the morning of July 20, according to the U.S. Nuclear Regulatory Commission. Unit 2 is operating at full power.

<http://finance.yahoo.com/news/unit-1-susquehanna-nuclear-power-110700969.html>

### **Update: Entergy's 813 MW FitzPatrick Nuclear Unit in New York at Full Power by July 20**

Entergy Corp. reduced its FitzPatrick nuclear power plant on Thursday to fix one of the station's four main condenser water boxes, a spokeswoman for the plant said Friday. The work was completed and was operating at full power by Saturday, the U.S. Nuclear Regulatory Commission said in a report.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

### **NMC's Monticello Nuclear Unit in Minnesota Restarts by July 19 After Power Uprate to 671 MW, Ramps Up to 37 Percent by July 22**

The unit restarted by the morning of July 19 and had ramped up to 37 percent by this morning, according to the U.S. Nuclear Regulatory Commission. The plant came back online after being shut down for an upgrade to boost its power generating capacity by 12 percent, from 600 MW to 671 MW.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

<http://minnesota.publicradio.org/display/web/2013/07/19/business/monticello-nuclear-plant-upgrade-costs>

### **Support Centers Unavailable for Emergency Response During Extended Maintenance at Energy Northwest's 1,107 MW Columbia Nuclear Unit 2 in Washington July 16**

Scheduled maintenance of the Technical Support Center (TSC)/Operations Support Center (OSC) HVAC system for replacement of charcoal filters ran into difficulties on Tuesday and took longer than the estimated 37 hours to complete. During that time the TSC and OSC were unavailable for use to support emergency response activities and emergency response organization members were directed to respond to alternate locations. Maintenance to the TSC/OSC facilities was completed on the evening of July 19 and operability restored.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130722en.html>

## **Coolant System Declared Inoperable at TVA's 1,155 MW Browns Ferry Nuclear Unit 1 in Alabama July 20**

While conducting tests on Tennessee Valley Authority's (TVA) Browns Ferry unit on Saturday, the high pressure coolant injection (HPCI) system was declared inoperable due to exceeding the allotted one hour time frame for instrument inoperability. The HPCI remained available for automatic and manual injection during this time period with operability restored to the unit within four hours.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130722en.html>

## **Calpine's 525 MW Sutter Natural Gas-fired Unit in California Returns to Service by July 20**

The unit returned from an unplanned curtailment of 264 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201307201515.html>

## **AES's 495 MW Alamitos Natural Gas-fired Unit 6 in California Shut by July 21**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201307211515.html>

## **NRG's 260 MW El Segundo Natural Gas-fired Unit 5/6 and 260 MW Natural Gas-fired Unit 7/8 in California Shut by July 20**

The units entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201307201515.html>

## **RES Americas Contracts 150 MW of Wind Energy to Arkansas Electric Cooperative Corporation**

Renewable Energy Systems (RES) Americas Inc. announced today that its subsidiary RES America Developments Inc. has reached a long-term agreement to sell 150 MW of wind energy to Arkansas Electric Cooperative Corporation (AECC). The wind power will be sourced from the Origin Wind Energy project, which is located in southeast Oklahoma. RES Americas developed and will construct the 75-turbine project, which is scheduled to begin commercial operation by December 31, 2014. AECC will be the sole recipient of the electricity generated.

<http://www.elp.com/articles/2013/07/res-americas-sells-150-mw-of-wind-power-to-arkansas-cooperative.html>

## ***Petroleum***

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### **Motiva Shuts Units at Its 600,000 b/d Port Arthur, Texas Refinery Due to Adverse Weather Last Week**

Royal Dutch Shell Plc reported its Motiva refinery in Port Arthur, Texas initiated the shutdown of some units last week due to adverse weather conditions. The company did not specify which units were shut.

Reuters, 10:22 July 22, 2013

### **Operations Resume at Total's 174,000 b/d Port Arthur, Texas Refinery by July 21 after Storm Causes Power Outage July 19**

Total Petrochemicals has resumed operations at its Port Arthur, Texas refinery after a lightning storm caused a power outage at the plant on Friday, which necessitated some flaring. The company said in a filing with the Texas Commission on Environmental Quality that the emissions resulting from the outage ended as of 12:15 p.m. local time on Sunday.

Reuters, 19:28 July 21, 2013

### **Fuel Gas Compressor Shuts at Shell's 145,000 b/d Anacortes, Washington Refinery July 16**

Royal Dutch Shell Plc reported a fuel gas compressor went down at its Anacortes, Washington refinery, according to a filing with Northwest Clean Air Agency.

Reuters, 19:03 July 19, 2013

## **Tesoro Shuts Unspecified Unit for Unplanned Work at Its 166,000 b/d Martinez, California Refinery July 19**

Tesoro Corp. reported an unspecified unit was shut for unplanned work at its refinery in Martinez, California, according to a filing with Contra Costa Health Services. The company said it did not anticipate any impact to supply commitments during the maintenance period.

Reuters, 18:50 July 19, 2013

## **Natural Gas**

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### **High Levels of Liquid Force Destin Pipeline to Declare Force Majeure on Offshore Gulf of Mexico System July 21; Service Disrupted to Pascagoula Gas Plant in Mississippi**

Destin Pipeline Co LLC was forced to declare force majeure on an offshore Gulf of Mexico portion of its natural gas pipeline system that could last up to seven days. The company said it would not be able to provide service through the Pascagoula gas plant in Mississippi due to the high level of liquid in the segment.

<http://web1.destinpipeline.com/enotice/CriticalDetail.aspx?codeKey=des2013202.124624>

### **Williams Partners Seeks FERC Approval to Expand Natural Gas Service in Southeastern U.S. to Help Meet Power-Generation Demand Growth**

Williams Partners L.P. announced today that its Transco natural gas pipeline has filed an application with the U.S. Federal Energy Regulatory Commission (FERC) to expand a compressor station and provide additional firm natural gas transportation capacity to growing markets in the Southeast United States by the spring of 2015. The Mobile Bay South III Expansion Project is designed to provide 225 MMcf/d of firm transportation service on the Transco Mobile Bay Lateral from the Station 85 4A Pooling Point and other receipt points located at Transco's Station 85 in Choctaw County, Alabama, to interconnections with Florida Gas Transmission and Bay Gas Storage in Mobile County, Alabama.

<http://www.williamslp.com/profiles/investor/ResLibraryView.asp?ResLibraryID=63960&GoTopage=1&Category=1800&BzID=1296&G=345>

### **Power Surge Shuts SCOT Plant at Enbridge's Pittsburgh Gas Plant in Texas July 19**

The Pittsburgh Gas Plant experienced an upset due to a suspected power surge, which resulted in an electrical short in the Shell Claus Off-gas Treating (SCOT) unit PLC. The SCOT plant then shut down, which resulted in emissions. Technicians were called to diagnose and replace the SCOT unit and Enbridge maintained sulfur recovery unit operation and the use of the thermal oxidizer to reduce the impact on the environment. The plant was brought back into permitted parameters once the PLC was replaced.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=185702>

## **Other News**

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Nothing to report.

## **International News**

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### **Update: South Sudan Plans to Shut Down Oil Production by End of July**

South Sudan plans to sell 6.4 million barrels of oil worth \$300 million before shutting down its entire oil production by the end of July, according to the country's oil minister. Sudan will not allow any passage of South Sudanese oil over allegations of support for rebels that operate across their border.

Reuters, 6:16 July 20, 2013

### **Illegal Tapping Causes Pemex Crude Oil Pipeline Explosion in Mexico July 21**

An explosion Sunday on Petroleos Mexicanos' (Pemex) pipeline injured seven people in central Mexico. The supply of crude oil through the pipeline was immediately suspended and the fire was under control about four hours later, according to officials. The cause of the explosion was illegal tapping of the pipeline which has become a consistent and serious problem for the company with 20 percent annual increases in oil thefts.

[http://www.rigzone.com/news/oil\\_gas/a/127897/Pemex\\_Pipe\\_Explodes\\_in\\_Central\\_Mexico\\_7\\_injured](http://www.rigzone.com/news/oil_gas/a/127897/Pemex_Pipe_Explodes_in_Central_Mexico_7_injured)

## Update: Pirates Release Crude Oil Tanker Hijacked Off West Africa July 22

Pirates released an oil tanker and its 24-person crew after it was hijacked off the coast of Gabon on July 15, the vessel's operator said on Monday. Pirates had seized the tanker near Gabon's Port Gentil in the first reported attack in that area in the past five years.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=40124](http://www.downstreamtoday.com/news/article.aspx?a_id=40124)

## U.S. Prosecutors Charge Al Qaeda Commander over January 2013 Attack on Algeria's Tiguentourine Gas Plant

Reuters, 16:26 July 20, 2013

## Energy Prices

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U.S. Oil and Gas Prices July 22, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	107.23	105.76	91.17
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.78	3.61	2.99

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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