



# ENERGY ASSURANCE DAILY

Monday Evening, September 19, 2011

## ***Electricity***

---

### **Severe Storms Cut Power to 40,000 Oncor Electric Delivery Customers in North Texas September 18; Over 4,000 Still without Power Monday Afternoon**

Heavy thunderstorms and hail Sunday night left 40,000 Oncor Electric Delivery customers without power in North Texas, including nearly 12,000 customers in the Dallas-Fort Worth area. As of Monday at 3:12 PM EST, an estimated 4,164 customers were still without power.

<http://www.oncor.com/community/outages/#>

<http://newsradio1420.com/newsradio/newsMaker.asp?storyID=26210>

<http://www.nbcdfw.com/weather/stories/Thousands-Without-Power-After-Storms-130108753.html>

### **Ameren's 1,125 MW Callaway Nuclear Unit in Missouri Briefly Shuts Down Due to Freon Gas Leak September 18**

A refrigerant leak caused a brief alert at the plant. Ameren officials reported Sunday that the leak released no radioactive material above normal operating limits and had no impact on operations. The unit was operating at full power on September 17, up from 91 percent of capacity on September 16.

<http://ameren.mediaroom.com/index.php?s=43&item=978>

<http://www.columbiamissourian.com/stories/2011/09/19/callaway-county-nuclear-power-plant-has-brief-alert/>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110919en.html>

### **Entergy's 778 MW Palisades Nuclear Unit in Michigan Shut Due to Leak September 16**

Entergy reported that it found a leak in a valve in the reactor's coolant system during routine pressure monitoring on September 16. Repairs to the valve have begun, but the company has not estimated a restart date for the plant. Prior to the shutdown, the unit was operating at full power.

[http://www.mlive.com/news/kalamazoo/index.ssf/2011/09/palisades\\_nuclear\\_plant\\_remain.html](http://www.mlive.com/news/kalamazoo/index.ssf/2011/09/palisades_nuclear_plant_remain.html)

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110919en.html>

### **Dominion's 871 MW Millstone Nuclear Unit 2 in Connecticut Ramped Up to 98 Percent by September 19**

The Nuclear Regulatory Commission reported that on the morning of September 18 the unit was operating at 23 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

### **Exelon's 1,136 MW Byron Nuclear Unit 2 in Illinois Shut by September 19**

The Nuclear Regulatory Commission reported that on the morning of September 18 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

## **Indiana-Michigan Power's 1,000 MW D.C. Cook Nuclear Unit 1 in Michigan Reduced to 65 Percent by September 19**

The Nuclear Regulatory Commission reported that on the morning of September 18 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

## **Duke Energy's 1,100 MW McGuire Nuclear Unit 1 in North Carolina Shut by September 18**

The Nuclear Regulatory Commission reported that on the morning of September 17 the unit was operating at 25 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

## **Update: PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Ramped Up to 75 Percent by September 17**

The Nuclear Regulatory Commission reported that on the morning of September 16 the unit was operating at 60 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

## **Southern's 856 MW Hatch Nuclear Unit 1 in Georgia Reduced to 83 Percent by September 17**

The Nuclear Regulatory Commission reported that on the morning of September 16 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

## **Update: TVA's 1,126 MW Sequoyah Nuclear Unit 2 in Tennessee at Full Power by September 17**

The Nuclear Regulatory Commission reported that on the morning of September 16 the unit was operating at 75 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

## **Update: Dominion's 511 MW Kewaunee Nuclear Unit in Wisconsin Ramped Up to 99 Percent by September 17**

The Nuclear Regulatory Commission reported that on the morning of September 16 the unit was operating at 78 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

## **RRI Energy's 775 MW Ormond Beach Gas-Fired Unit 2 in California Returns to Service by September 16**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201109161515.html>

## **PNM Appeals EPA Order to Install Haze-Reducing Technology at 1,800 MW Coal-Fired San Juan Generating Station in New Mexico**

The Public Service Company of New Mexico (PNM) filed an appeal September 16 for a stay on an order from the Environmental Protection Agency (EPA) to install selective catalytic reduction technology at the San Juan Generating Station to reduce haze-causing emissions. The PNM contends the technology is unnecessary and expensive and would result in a financial burden for its customers. The company has proposed an alternative emissions-control plan that it says would produce visibility improvements similar to those expected under the EPA order, but at one-tenth of the cost.

<http://www.chem.info/News/2011/09/Environmental-Controls-PNM-Files-Appeal-over-Power-Plant-Proposal>

## **Duke Energy Might Retire Five Coal-Fired Units with Total Capacity of 715 MW at Wabash River Station in Indiana due to EPA Air Pollutant Rules**

Duke Energy spokeswoman Angeline Protogere said September 15 that the company is watching the Environmental Protection Agency's (EPA) new Hazardous Air Pollutant rules due to be finalized in November. Though the company has not yet made any final decisions, it says it is likely to retire Units 2–6 earlier than expected.

<http://www.chicagotribune.com/news/local/chi-ap-in-dukeenergy-plants,0,1542244.story>

## ***Petroleum***

---

### **Targa to Expand Mont Belvieu LPG Complex and Galena Park Export Terminal in Texas to Increase Propane Exports by Third Quarter 2013**

Targa Resources Partners LP announced September 19 that its board of directors approved an expansion of the existing Mont Belvieu LPG complex and its import/export terminal at Galena Park on the Houston Ship Channel to provide export capabilities for 5,000 barrels per hour of fully refrigerated, low ethane propane. The project will add a propane de-ethanizer, additional salt dome storage, refrigeration, and other equipment required to export propane from the Galena Park marine terminal. This expansion will allow Targa to load three to four very large gas carrier (VLGC) class ships each month, in addition to its existing import/export capabilities. The expansion project is expected to be operational in the third quarter of 2013.

<http://ir.targaresources.com/releasedetail.cfm?ReleaseID=606206>

<http://www.globenewswire.com/newsroom/news.html?d=232652>

### **Hydrotreater Shut at Sunoco's 335,000 b/d Philadelphia Refinery September 9**

In a report filed September 19, Sunoco indicated that it shut down its Philadelphia refinery September 9 due to a faulty instrument.

Reuters, 11:13, September 19

<http://www.foxbusiness.com/markets/2011/09/19/us-refinery-status-valero-reports-equipment-snag-flaring-at-memphis-refinery/>

### **Pump Problem Reported at Valero's 180,000 b/d Memphis, Tennessee Refinery September 18**

According to the filing with the National Response Center, there was flaring because of a problem with a pump at an unspecified unit of the plant. Valero said there was no impact on operations.

Reuters, 11:13 September 19, 2011

### **Unspecified Unit Shut, Restarts a Valero's 132,000 b/d Benicia, California Refinery September 18-19**

Valero shut unit on September 18 and restarted the unit on September 19.

Reuters, 17:24 September 18, 2011

### **Chevron Reports Compressor Snag at 245,271 b/d Richmond, California Refinery September 15**

Chevron reported today that there was no impact to operations from a compressor snag at the Richmond, California refinery on September 15.

Reuters, 10:50 September 19, 2011

### **Hydrogen Compressor Trips at ConocoPhillips's 260,000 b/d Sweeny, Texas Refinery September 16**

ConocoPhillips reported flaring caused by a tripped hydrogen compressor.

Reuters, 15:39 September 16, 2011

### **Western Refining Reports Compressor Problems at 122,000 b/d El Paso, Texas Refinery September 15–16**

According to the report, problems with the compressors triggered the refinery's safety flare system and released 500 pounds of sulfur dioxide. Western said there was no impact on operations.

Reuters, 17:13 September 18, 2011

## **Hovensa Says Contract Dispute Won't Impact Operations at 350,000 b/d St. Croix, U.S. Virgin Islands Refinery September 19**

Hovensa LLC has reported that a contract dispute between Wyatt VI Inc. and United Steelworkers has had no effect on production at the refinery.

Reuters, 8:53 September 19, 2011

<http://virginislandsdailynews.com/news/steelworkers-locked-out-after-rejecting-contract-1.1204801#axzz1YQHs3tgS>

## **Update: Chevron Restarts Some Gulf Production and Begins Repairing Main Pass Pipeline Leak September 19**

On Monday Chevron began to repair the Main Pass pipeline off the Louisiana coast in the U.S. Gulf of Mexico, which leaked a small amount of oil September 13 and caused the company to shut-in 15,000 b/d of crude oil from the Louisiana Main Pass and Cypress pipelines. Between 6,000 and 7,000 b/d in crude oil production were restored by September 15, and about 8,000 to 9,000 b/d remain shut in. The company expects to finish repairs by midweek.

Reuters, 8:29 September 19, 2011

<http://af.reuters.com/article/energyOilNews/idAFWEN829320110915>

---

## **Natural Gas**

---

### **National Petroleum Council Study Finds the Potential Supply of North American Natural Gas and Oil Resources is Far Greater than Previously Thought**

A National Petroleum Council (NPC) study requested by U.S. Energy Secretary Steven Chu concludes that “rapid advances in technology are dramatically increasing domestic production in ways not expected a few years ago, thus enhancing U.S. Energy security.” The study examined a broad range of energy supply, demand, environmental, and technology outlooks through 2050 and concluded that the potential supply of North American natural gas and oil resources is far greater than previously thought. The study calls for five core strategies:

- Support prudent development and regulation of natural gas and oil resources.
- Better reflect environmental impacts in markets and fuel/technology.
- Enhance the efficient use of energy.
- Enhance the functioning of energy markets.
- Support the development of a skilled workforce.

<http://www.npc.org/postmtg-pr-91511.pdf>

<http://www.npc.org/>

### **DCP Midstream Experiences Problem at Gas Processing Plant, Unable to Handle Produced Gas from Multiple Facilities September 18**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159280>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159281>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159283>

### **Luling Gas Processing Plant in Texas Shut after Operators Discover Amine Reboiler Leak September 18**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159328>

---

## **Other News**

---

### **Kinder Morgan, TPA, CSX Announce Port of Tampa Project to Create New Ethanol Hub for Central Florida**

Kinder Morgan Energy Partners, the Tampa Port Authority (TPA), and CSX Corporation announced today a joint project to bring ethanol into the Tampa market via the nation's first ethanol unit train-to-pipeline distribution system. The TPA will build new rail track and support infrastructure to handle 100-car unit train deliveries and develop an offloading yard at Hooker's Point, in the Port of Tampa. This will enable CSX to transport ethanol from Midwest producers to central Florida in 100-car unit trains and offload within a 24-hour period into Kinder Morgan's Tampa Terminal, where it will be distributed to numerous blend terminals and to new markets via pipeline. The joint effort is expected to be operational by September 2012.

<http://phx.corporate-ir.net/phoenix.zhtml?c=119776&p=irol-newsArticle&ID=1608016&highlight>

## Energy Prices

---

<b>U.S. Oil and Gas Prices</b> September 19, 2011			
	<b>Today</b>	<b>Week Ago</b>	<b>Year Ago</b>
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	85.67	89.05	74.86
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.78	3.96	4.11

Source: Reuters

## Energy Notes

---

### **Transmission Line Problems Cut Power to 10,000 Connecticut Light & Power Customers in Southbury and Woodbury, Connecticut September 19**

<http://www.nbcconnecticut.com/news/local/Power-Out-for-10000-130110713.html>

<http://www.rep-am.com/news/local/doc4e7739780f2ae617782552.txt>

<http://outage.cl-p.com/outage/outagemap.aspx>

### **Thunderstorms in San Antonio Cut Power to 10,000 CPS Energy Customers September 18**

<http://www.mysanantonio.com/news/weather/article/Another-round-of-rain-drenches-S-A-2177165.php>

[http://outagemap.cpsenergy.com/CPSSStaticMapsEXT/CPSSStaticMapV2\\_EXT.html](http://outagemap.cpsenergy.com/CPSSStaticMapsEXT/CPSSStaticMapV2_EXT.html)

### **Pump Fire Briefly Shuts Nevada Geothermal Power's 50 MW Faulkner 1 Geothermal Power Plant in Nevada September 16**

[http://www.nevadageothermal.com/s/News.asp?ReportID=479848&\\_Type=News&\\_Title=REPORTS-MINOR-INCIDENT-AT-BLUE-MOUNTAIN-PROJECT](http://www.nevadageothermal.com/s/News.asp?ReportID=479848&_Type=News&_Title=REPORTS-MINOR-INCIDENT-AT-BLUE-MOUNTAIN-PROJECT)

<http://www.powermag.com/renewables/geothermal/3222.html>

### **Marathon Reports Cyanide Release at its 206,000 b/d Robinson, Illinois Refinery September 16**

<http://fuelfix.com/blog/2011/09/18/marathon-illinois-refinery-reports-cyanide-release/>

### **Turkey Urges Cyprus and Houston-Based Noble Energy to Cease Exploratory O&G Drilling in Eastern Mediterranean**

<http://www.rdmag.com/News/FeedsAP/2011/09/energy-turkish-navy-to-escort-offshore-energy-search/>

### **Reclaimed Resources Secures Federal Funding for Gravity Pressure Vessel Waste-to-Ethanol Facility in Bristol, Tennessee**

<http://www.waste-management-world.com/index/display/article-display/1583608193/articles/waste-management-world/waste-to->

[energy/2011/09/Gravity\\_Pressure\\_Vessel\\_Waste\\_to\\_Ethanol\\_Facility\\_Secures\\_Funding\\_in\\_U\\_S.html](http://www.waste-management-world.com/index/display/article-display/1583608193/articles/waste-management-world/waste-to-energy/2011/09/Gravity_Pressure_Vessel_Waste_to_Ethanol_Facility_Secures_Funding_in_U_S.html)

### **OPEC Secretary General Says Saudi Arabia and Gulf OPEC Allies Will Reduce Oil Output as Libya's Output Recovers in Coming Months**

Reuters, 11:01 September 19, 2011

## 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 EDT every Wednesday.

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

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

Updated after 2:00 PM EDT 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. EDT. 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)