



# ENERGY ASSURANCE DAILY

Thursday Evening, June 02, 2011

## ***Electricity***

---

### **Deadly Tornadoes Cause About 40,000 Outages for National Grid Customers in Western and Central Massachusetts June 1**

Four people were killed as a result of the storm. Massachusetts Gov. Deval Patrick declared a state of emergency, requesting as many as 1,000 National Guard troops to assist with the recovery effort. National Grid reported 24,578 customers remain without power as of 5:00 p.m. Thursday, down from a peak of around 40,000 on Wednesday.

<http://www1.nationalgridus.com/masselectric/stormcenter/>

<http://www.bizjournals.com/boston/news/2011/06/02/power-outages-remain-after-storms.html?s=print>

<http://www.telegram.com/article/20110602/NEWS/106029438/0/news03>

### **Update: Midwest Utilities Continue to Restore Power to Customers Due to Recent Storms in Wisconsin and Michigan May 31 to June 2**

As of latest reports, six Wisconsin Public Service customers remain without power across the company's service territory, down from a peak of 12,000 customers without power June 1 due to the powerful storms. Combined with lingering outages from Sunday's storms, Consumers Energy reported that 6,000 of its customers are currently in the dark, down from 23,000 customer outages reported June 1. According to the company's latest reports, a total of 169,000 customers were without power at some point due to the storms. Consumers Energy indicates power should be restored to the remaining customers by Thursday evening.

Wisconsin Public Service: <http://www.wfrv.com/news/local/Winds-knock-out-power-to-12000-WPS-customers--122943458.html>

<http://www.wisconsinpublicservice.com/outagesummary/view/outagegrid.aspx>

Consumers Energy: <http://wkzo.com/news/articles/2011/jun/02/schools-closed-lights-still-off-for-some-in-battle-creek/>

<http://www.consumersenergy.com/News.aspx?id=4701&year=2011>

### **Outages Caused by Thunderstorm Affect Nearly 50,000 Customers in Nova Scotia on June 1**

Nova Scotia Power reported there were more than 200 direct lightning strikes on the utility's infrastructure. As of 4:30 pm June 2, only 16 customers remain without power.

<http://www.cbc.ca/news/canada/nova-scotia/story/2011/06/02/ns-lightning-outages.html>

Nova Scotia Power: <http://www.nspower.ca/en/home/residential/outageinformation/liveoutagemap.aspx>

### **Update: Exelon's 1,134 MW Limerick Nuclear Unit 2 in Pennsylvania Ramped Up to 20 Percent by June 2**

According to a May 29 filing with the Nuclear Regulatory Commission (NRC), the unit likely scrambled from 75 percent power due to "a low pressure condition in the EHC [Electro Hydraulic Control] system." According to another filing with the NRC, operators manually scrambled the unit from 0 percent power on May 30 "when both the '2A' and '2B' Recirculation Pumps tripped." The cause of the trip, as the unit was about to startup, is under investigation. The Nuclear Regulatory Commission reported that on the morning of June 1 the unit was operating at 3 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110531en.html>

Information also derived from the NRC Power Reactor Status Reports:

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

## **Update: TVA's 1,118 MW Browns Ferry Nuclear Unit 3 in Alabama Ramped Up to 40 Percent by June 2**

All three units at the Tennessee Valley Authority (TVA) plant were shut on April 27 after losing outside power due to thunderstorms and tornadoes throughout the U.S. Units 1 and 2 have already restarted. The Nuclear Regulatory Commission reported that on the morning of June 1 the unit was operating at 20 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 870 MW Hatch Nuclear Unit 2 in Georgia Ramped Up to 82 Percent by June 2**

The Nuclear Regulatory Commission reported that on the morning of June 1 the unit was operating at 7 percent.

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 1,125 MW Watts Bar Nuclear Unit 1 in Tennessee Ramped Up to 99 Percent by June 2**

According to a spokesman for the Nuclear Regulatory Commission (NRC), the "reactor tripped due to a trip signal from the turbine or non-nuclear side of the plant." A TVA spokesman said that a malfunctioning circuit card on a new computer system was to blame. The Nuclear Regulatory Commission reported that on the morning of June 1 the unit was operating at 45 percent.

<http://www.utilityproducts.com/news/2011/06/1428367689/circuit-card-shuts-down-watts-bar.html>

Information also derived from the NRC Power Reactor Status Reports:

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

## **Cooling Water System Trains Reported Inoperable at Wolf Creek's 1,236MW Wolf Creek Nuclear Plant in Kansas on June 1**

According to the Nuclear Regulatory Commission (NRC) report "indications of voiding were identified in the common service loop piping."

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110602en.html>

## **Entegra Power Group's 291 MW Gila River Dynamic Resource Gas-Fired Unit in Arizona Shut by June 1**

According to the California Independent System Operator, the unit reported an unplanned outage on June 1.

<http://www.caiso.com/unitstatus/data/unitstatus201106011515.html>

## **TVA Announces Plans for \$275 Million Development of Extra-high Voltage Transmission Projects in Tennessee, Kentucky and Virginia by June 2**

Tennessee Valley Authority has signed memorandums of understanding with American Electric Power and Pioneer Transmission LLC to build 55 miles of 765 kV high voltage transmission lines connecting TVA's Paradise Fossil Plant in Kentucky, with AEP's Rockport Generating Plant in Indiana, including a new 765 kV substation at the Paradise site. Additional transmission expansion is also planned to relieve power line loads and to increase power transfer capability between TVA and AEP systems.

<http://www.prnewswire.com/news-releases/tva-american-electric-power-to-develop-regional-transmission-projects-123020303.html>

<http://pdf.reuters.com/pdfnews/pdfnews.asp?i=43059c3bf0e37541&u=urn:newsml:reuters.com:20110602:nPnDM13060>

## **Judge Requests Air Permit Reevaluation Due to Design Changes at 1,200 MW White Stallion Energy Center in Texas June 2**

A Travis County judge requested the Texas' environmental agency pursue additional reviews of the air pollution permit for the proposed plant after developers changed 73 of 84 emissions points in the site plan. The ruling could cause delays in the project.

<http://www.chron.com/disp/story.mpl/metropolitan/7589418.html>

## ***Petroleum***

---

### **Marathon Oil Announces Plans to Add New Wells Totaling 80,000 b/d by 2016 in Eagle Ford Shale Formation in Texas by June 2**

The company indicates it plans to purchase additional oil and natural gas fields in Texas, doubling its position in the Eagle Ford to 285,000 net acres.

<http://www.seattlepi.com/business/article/Marathon-Oil-buys-Texas-oil-fields-for-3-5B-1404408.php>

### **Furnace Fire at Crude Unit Causes ConocoPhillips 238,000 b/d Bayway Refinery in Linden, New Jersey to Operate at Reduced Rates June 1**

One worker was injured and the crude unit was shut as a result of the fire.

<http://online.wsj.com/article/BT-CO-20110602-707555.html>

Reuters, 17:40 June 1, 2011

### **Valero Reports Sulfur Plant Train Snag at 80,887 b/d Wilmington, California Refinery June 2**

The problem with the sulfur plant trains caused emissions at the plant as the crew worked to relight the sulfur train.

Reuters, 00:01 June 2, 2011

## ***Natural Gas***

---

### **4-inch Natural Gas Line Ruptured During Construction in Midtown, Alaska on May 31**

The Anchorage Fire Department evacuated numerous businesses, including two buildings, as a result of the gas line break just before 10 am Tuesday.

[http://articles.ktuu.com/2011-05-31/natural-gas\\_29606607](http://articles.ktuu.com/2011-05-31/natural-gas_29606607)

### **Explosion at TGGT Holding LLC Natural Gas Processing Site in Red River Parish, Louisiana Kills One, Results in Plant Shutdown on May 28**

Louisiana police indicated no evacuations were required, but the plant has been shut down while the cause of the explosion is under investigation.

<http://www.wafb.com/story/14745530/one-killed-in-rig-explosion>

### **Mechanical Failure Requires Reduction in Output at Questar Thistle Compressor Station in Utah June 2**

A critical notice on the Questar website indicates "The ML 104 capacity will be reduced to 360 Mdth/d beginning ID1, gas day June 2, 2011."

<http://www.questarpipeline.com/OracleReports/2FrameQPCcnoices.html>

## ***Other News***

---

Nothing to report.

## Energy Prices

---

U.S. Oil and Gas Prices			
June 2, 2011			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	99.20	100.58	73.73
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.62	4.37	4.39

Source: Reuters

## Energy Notes

---

### **Exploding Manhole Cover Results in Outages, Evacuations in Washington Heights, New York on June 1**

<http://www.dnainfo.com/20110602/washington-heights-inwood/three-buildings-evacuated-washington-heights-after-blackout>

### **Breaker Failure and Blown Transformer Cause Over 15,000 Outages throughout Jefferson, Wayne, and Hamilton Counties in Illinois June 1**

<http://www.ksdk.com/news/article/261339/3/Most-of-southern-Illinois-county-blacked-out>

### **Fluid Catalytic Cracking Unit 3 at BP's 437,080 b/d Texas City, Texas Refinery Exceeds Permissible Opacity Limit According to State Filing on June 1**

<http://online.wsj.com/article/BT-CO-20110602-707555.html>

Reuters, 17:00 June 1, 2011

### **Federal Mine Safety and Health Administration Issues Citation to Mammoth Coal Co. Coal Mine in West Virginia Due to Explosive Levels of Methane Gas May 25**

<http://www.therepublic.com/view/story/73b98376b76e4c4a809139c4f17d57c5/WV--Massey-Mine-Cited/>

### **U.S. DOE Secretary Steven Chu Announces \$27 Million in New Funding to Reduce Non-Hardware Costs of Solar Energy Projects**

<http://www.energy.gov/news/10350.htm>

### **DTE Energy Awarded \$700,000 Grant from U.S. Forest Service to Remove Dying Trees Threatening Power Lines in Southeast Michigan**

<http://www.prnewswire.com/news-releases/dte-energy-receives-700000-grant-from-us-forest-service-to-remove-dead-dying-ash-trees-in-southeast-michigan-123016368.html>

### **Citgo Petroleum Reports Flaring at 167,000 b/d Lemont, Illinois Refinery June 1 - Cause Not Disclosed**

Reuters, 04:01 June 2, 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 EST every Wednesday.

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

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

Updated after 2:00 PM EST 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. EST. 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)