



ENERGY ASSURANCE DAILY

Friday Evening, June 24, 2011

Electricity

Update: 41,324 ComEd and KUB Customers Remain Without Power on June 24 from U.S. Midwest and Tennessee Storms June 21-22

About 430,000 Commonwealth Edison (ComEd) customers throughout the Chicago, Illinois area were without power at the peak Wednesday. ComEd now expects the restoration process to be completed by midnight tonight.

- ComEd reports 16,500 customers are without power in Illinois as of 4:00 pm Friday, down from a peak of 430,000 June 22.
- KUB reports 24,824 Tennessee customers are without power as of 3:45 pm Friday, down from the peak of 127,000 customers without power.

ComEd: <http://twitter.com/#!/ComEd>, <http://www.dailyherald.com/article/20110624/news/706249902/>, Reuters, 16:41 June 22, 2011

KUB: http://www.kgis.org/website/kub_outage/mainpage.htm,

<http://www.volunteertv.com/home/headlines/124325439.html>,

http://www.kub.org/wps/wcm/connect/400525804752b330b4aef4850412d6f2/11June+22StormmUpdate1130am_MA+%233+WEB.pdf?MOD=AJPERES

Update: Constellation's 835 MW Calvert Cliffs Nuclear Unit 2 in Maryland at Full Power by June 24

The Nuclear Regulatory Commission reported that on the morning of June 23 the unit was operating at 30 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 871 MW Millstone Nuclear Unit 2 in Connecticut at Full Power by June 24

According to a filing with the Nuclear Regulatory Commission (NRC), operators initiated a manual reactor trip at the unit following the loss of the "B" main feedwater pump on June 20. The NRC reported that on the morning of June 23 the unit was operating at 18 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110621en.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 1,126 MW Sequoyah Nuclear Unit 2 in Tennessee Ramped Up to 49 Percent by June 24

The Nuclear Regulatory Commission reported that on the morning of June 23 the unit was operating at 34 percent. Information derived from the NRC Power Reactor Status Reports:

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

Update: PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Ramped Up to 17 Percent by June 24

Unit 1 had been shut down on May 16 for inspection and replacement of damaged turbine blades. Unit 2 remains out of service. The Nuclear Regulatory Commission reported that on the morning of June 23 the unit was operating at 2 percent.

Information derived from the NRC Power Reactor Status Reports:

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

PR Newswire, 03:16 June 24, 2011

Xcel Energy's 578 MW Monticello Nuclear Unit in Minnesota Shut by June 24

The unit was reduced to 20 percent power early Friday. According to Xcel Energy, the unit was shut to replace a safety relief valve. The Nuclear Regulatory Commission reported that on the morning of June 23 the unit was operating at 99 percent.

Reuters, 08:48 June 24, 2011

Information derived from the NRC Power Reactor Status Reports:

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

<http://www.sctimes.com/article/20110624/NEWS01/106240039/Monticello-nuclear-plant-shut-down-valve-replacement?odyssey=nav/head>

High Pressure Coolant Injection System Declared Inoperable on Unit 1 at Exelon's 2,276 MW Limerick Nuclear Power Plant in Pennsylvania on June 23

A Nuclear Regulatory Commission (NRC) report indicates that during scheduled surveillance testing an inspection revealed a "broken steam supply valve internal to the control valve" associated with the coolant injection system. The report further indicates the broken valve could have prevented the cooling system "from fulfilling its safety function."

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110624en.html>

Update: Duke Energy Moss Landing, LLC's 510 MW Moss Landing Gas-Fired Power Block 1 in California Returns from a Curtailment by June 23

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 260 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201106231515.html>

Leak in Fly Ash Hopper on Unit 2 Baghouse Results in Emissions at Oak Grove Steam Electric Generating Station in Texas on June 23

A Texas Commission on Environmental Quality report indicates that bolts came loose on the hopper door causing the leak.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156070>

Entergy Louisiana Announces Plans to Spend \$721 Million for New 550 MW Natural Gas-fired Unit at Ninemile Point Power Plant in Westwego, Louisiana June 23

The company submitted its application to the Louisiana Public Service Commission on Tuesday for approval to add the new combined cycle unit to the plant. Once approved, construction could begin in 2012, with a commercial operation date scheduled for 2015.

http://www.nola.com/business/index.ssf/2011/06/entergy_louisiana_announces_pl.html

FirstEnergy Plans June 27 Groundbreaking Ceremony in Beaver Falls, Pennsylvania for Beaver Valley Power Station Emergency Operations Facility

FirstEnergy indicates the new site is expected to improve coordination activities between the Beaver Valley Power Station and emergency agencies in the area. Construction is planned to be completed in 2012.

<http://www.prnewswire.com/news-releases/groundbreaking-ceremony-planned-for-new-beaver-valley-power-station-emergency-operations-facility-124485878.html>

PPL Seeks Public Comment on Proposed Routes for 230 kV and 69 kV Power Lines in Northeast Pennsylvania and the Poconos June 23

PPL will consider the public comments before submitting its plans to the Pennsylvania Public Utility Commission in late 2011 for approval. The project is expected to improve reliability of electric service and reduce the number and duration of customer outages from severe weather in portions of Lackawanna, Monroe, Wayne, Pike and Luzerne counties. The company also has plans to add three new electrical substations in the region and will rebuild approximately 20 miles of an existing 69 kV power line in Lackawanna and Wayne counties.

<http://www.prnewswire.com/news-releases/ppl-electric-utilities-chooses-alternative-routes-for-new-power-line-in-northeast-pennsylvania-and-pocono-region-124420978.html>

Petroleum

Refinery Upgrades Expected to Reduce Refinery Demand for Domestic Light Crude Oil in Favor of Canadian Heavy Crude Oil, Distorting WTI Market: Reuters

Reuters estimates that through 2014, refinery upgrades will back out approximately 230,000 b/d of domestic light crude oil from the U.S. Midwest. The upgrade to Marathon's 106,000 b/d Detroit, Michigan refinery, which is planned to be completed in 2011, is projected to cut the refinery's demand for 55,000 b/d of domestic light crude oil. WRB Refining plans to complete upgrades to its 306,000 b/d oil refinery at Wood River, Illinois by the end of 2011. BP also has plans to upgrade its 405,000 b/d Whiting, Indiana refinery in 2013 which will allow it to process up to 90 percent Canadian heavy crude.

Reuters, 10:43 June 24, 2011

<http://af.reuters.com/article/energyOilNews/idAFN1E75N0JC20110624>

Update: Valero Restarts Crude Unit at 287,000 b/d Port Arthur, Texas Refinery by June 23

A 100,000 b/d coker and a 175,000 b/d crude unit were both shut when lightning struck the refinery on June 6. The larger unit at the refinery continued operating after the lightning strike, while the smaller unit shut and later restarted on Thursday, June 23. Valero indicates the refinery is returning to planned production levels.

Reuters, 14:44 June 23, 2011

<http://www.bloomberg.com/news/2011-06-17/gulf-gasoline-rises-as-valero-port-arthur-restart-said-delayed.html>

Update: MEG Energy, Flint Energy Services Receive Regulatory Approval for Phase 2B 35,000 b/d Expansion of Oil Sands Production at Christina Lake near Conklin, Alberta in Canada by June 23

Project construction will begin by the end of 2011, and the project is scheduled to be completed in 2013. The project will increase the total production capacity at Christina Lake to 60,000 b/d.

[http://www.journalofcommerce.com/cgi-](http://www.journalofcommerce.com/cgi-bin/top10.pl?rm=show_top10_project&id=e77c2841ec8e30ac80d365b8f14c31aca981707c&projectid=9139087®ion=western)

[bin/top10.pl?rm=show_top10_project&id=e77c2841ec8e30ac80d365b8f14c31aca981707c&projectid=9139087®ion=western](http://www.journalofcommerce.com/cgi-bin/top10.pl?rm=show_top10_project&id=e77c2841ec8e30ac80d365b8f14c31aca981707c&projectid=9139087®ion=western)

<http://www.reuters.com/article/2011/06/20/flintenergy-idUSL3E7HK27O20110620>

BP's Skarv and Idun Project to Include Oil, Condensate and Natural Gas Production from Norne and Heidrun Fields in the Northern Norwegian Sea

The total recoverable reserves from the fields are estimated to be 105 MM bbls of oil and condensate, and 1,706 Bcf of natural gas. The plan is to complete the project in the third quarter of 2011.

http://www.rigzone.com/news/article.asp?a_id=108379

Natural Gas

Intermittent Shutdown of Field Unit Compressor Results in Flaring at Keystone Gas Plant in Texas on June 23

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156080>

Energy Transfer Partners and Regency Energy Partners Announce \$700 Million Project to Build 130,000 b/d Natural Gas Liquids Pipeline from Winkler County to Jackson County in Texas by June 23

Energy Transfer Partners and Regency Energy Partners have formed a joint venture, Lone Star NGL, which plans to complete the pipeline project by the first quarter of 2013.

http://www.downstreamtoday.com/news/article.aspx?a_id=27017

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
June 24, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	90.33	92.05	75.58
NATURAL GAS Henry Hub \$/Million Btu	4.31	4.54	4.90

Source: Reuters

Energy Notes

Malfunction on Satellite Transmitter Results in Emissions, Shutdown of Wasson CO2 Removal Plant in Texas on June 23 – Plant has Returned to Service

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156083>

Sun Substation Transformer Issue Causes Emergency Maintenance Shutdown of Sacroc Carbon Dioxide Treatment Plant in Texas on June 23

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156036>

Storm Damages Power Lines in Eastern North Carolina - Progress Energy Reports 13,000 Customer Outages in the Carolinas June 23

<https://www.progress-energy.com/app/outagemaps/carolinas.aspx>

http://www.witn.com/stateregional/headlines/Thousands_Without_Power_In_Eastern_Carolina_124462034.html

Update: Freedom Energy Diesel Receives Approval from Morristown City Council to Build \$405 Million New Coal Gasification Plant in Morristown, Tennessee June 21

<http://www.knoxnews.com/news/2011/jun/23/group-gets-ok-for-coal-plant/>

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

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

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

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