



ENERGY ASSURANCE DAILY

Friday Evening, July 15, 2011

Electricity

Update: ComEd Reports 36,000 Illinois Customers Currently Without Power Following Early Week Storms – Company Aims to Finish Restorations by Midnight

According to a Commonwealth Edison (ComEd) twitter update, 36,000 customers remain without power, while 814,000 have been restored, giving a total of 850,000 outages caused by the storm. Previous ComEd reports, however, had pegged the peak outage number as 868,000 customers. Separately, Dayton Power & Light reported 2,000 of its Ohio customers are still without power July 14, down from a peak of 60,000 on July 11.

<http://twitter.com/#!/ComEd/status/91877242006814721>

<http://twitter.com/#!/ComEd/status/91877242006814721>

https://www.comed.com/sites/newsroom/News%20Room/newsroomreleases_07152011.pdf

<http://www.daytondailynews.com/news/dayton-news/about-2-000-still-without-power-following-mondays-storm-1207365.html>

Transmission Line Snaps, Shutting Xcel's 1,410 MW Comanche Power Plant near Pueblo, Colorado, and Leaving 15,000 Colorado Customers without Power July 13

An Xcel representative said that a power outage which shut all three units at the plant began when a 230 kW transmission line snapped for weather-related reasons. Xcel will keep unit 1 offline for servicing, but was restarting units 2 and 3 July 14-15. Due to the plant shutdown, blackouts rippled throughout the region on July 13, leaving about 15,000 Xcel customers without power for three hours across the state.

http://www.chieftain.com/news/local/xcel-putting-comanche-power-plant-back-online/article_1480a484-ae9d-11e0-97f6-001cc4c002e0.html

PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey Shut July 14-15

According to a filing with the Nuclear Regulatory Commission (NRC), operators declared an unusual event due to a reactor coolant leak from a weld. According to the filing, "both trains of high head charging/safety injection were declared inoperable" and operators began to shut unit 2 on July 14. The Nuclear Regulatory Commission reported that on the morning of July 14 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110715en.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 1,125 MW Sequoyah Nuclear Unit 1 in Tennessee at Full Power by July 15

According to a company filing with the NRC, both units were reduced to 85 percent and two condenser circulating water pumps were shut after "one of the two diffuser gates at Sequoyah failed and shut off the west diffuser pipe." The Nuclear Regulatory Commission (NRC) reported that on the morning of July 14 unit 1 was operating at 90 percent and unit 2 was operating at 85 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110713en.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: Exelon's 1,161 MW Braidwood Nuclear Unit 1 in Illinois Ramped Up to 86 Percent by July 15

The Nuclear Regulatory Commission reported that on the morning of July 14 the unit was operating at 21 percent. Information derived from the NRC Power Reactor Status Reports:

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

Calpine's 135 MW Gilroy Gas-Fired Unit in California Shut by July 14

According to the California Independent System Operator, the unit reported an unplanned outage on July 14.

<http://www.caiso.com/unitstatus/data/unitstatus201107141515.html>

Wildfire Burns through 115 kV Transmission Line in Ontario Last Week, Cutting Power to Unknown Number of Hydro One Customers

Pickle Lake, Musslewhite Mine, and the First Nation communities of Slate Falls, Cat Lake, and Mishkeegogamang are still without power as of July 14 – all of the communities have declared emergencies, and Cat Lake began to carry out an evacuation on July 13. Hydro One was expected to begin repairs July 13. There are still 81 active fires in the region.

<http://www.lotwenterprise.com/ArticleDisplay.aspx?e=3214515>

Heat Leads to Record Electricity Consumption in Texas July 14 – ERCOT Asks Residents to Limit Power Use

Power use from 4 to 5 p.m. rose to 64,226 MW on July 14. The previous July demand record was set at 63,400 MW in 2009. According to the Electric Reliability Council of Texas (ERCOT), peak hour demand surpassed the previous that number three days so far this month.

Reuters, 19:48 July 14, 2011

Update: TVA Completes Transmission Line Repairs Following April 27 Tornadoes

The Tennessee Valley Authority (TVA) announced that it has placed the last two transmission lines, both from Widows Creek coal-fired plant in Alabama, back in service 74 days after sustaining unprecedented damage due to severe storms and tornadoes in April on its power transmission system. The effort to restore 108 transmission lines and replace 353 transmission structures required 275 miles of wire. The last two 500-kilovolt lines and three 161-kilovolt lines in north Alabama, were all back in service in early July.

http://www.tva.gov/news/releases/julsep11/transmission_storm.htm

Update: BP and Sempra Complete 150 MW Cedar Creek 2 Wind Farm in Weld County, Colorado July 14

Xcel Energy will buy the power produced by the project. It is jointly owned by BP and Sempra.

<http://www.bloomberg.com/news/2011-07-14/nordex-s-u-s-division-completes-its-biggest-wind-project-in-colorado.html?cmpid=yhoo>

PSE&G Receives Approval from New Jersey BPD July 14 to Invest \$273 Million on Electric and Gas Projects from Now to 2012

Public Service Electric and Gas Company (PSE&G) will spend about \$195 million in accelerated capital improvements to its electric distribution network. The remaining \$78 million is earmarked for the utility's gas distribution system, including a project to replace 47 miles of gas pipelines. The New Jersey Board of Public Utilities (BPU) also approved an additional \$95 Million for Energy Efficiency projects.

<http://www.pseg.com/info/media/newsreleases/2011/2011-07-14.jsp>

Petroleum

ExxonMobil Isolates Pipe Leak at 560,640 b/d Baytown, Texas Refinery July 14

According to the company, there was no impact on production.

Reuters, July 15, 2011

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156835>

Nexen Ramping Up Drilling at Long Lake Oil Sands Project in Alberta to Generate Supplies for its 58,500 b/d Upgrader

The company and its partners have been unable to produce enough bitumen to run the upgrader at full rates due to "lean zones" (low bitumen quality) in the field. Nexen plans to produce 35,000 b/d by the end of the year, an increase from 27,900 b/d in the second quarter of the year.

<http://www.reuters.com/article/2011/07/14/nexen-idUSL3E7IE1U920110714>

Tesoro Plans to Increase Rail Deliveries of Light Sweet Crude from North Dakota to its 120,000 b/d Anacortes, Washington Refinery July 15

The company plans to increase rail deliveries of Bakken crude from current levels of 1,000-2,000 b/d up to 30,000 b/d. The company will build an unloading facility in Washington for the daily shipments – construction is set to take nine months to a year once the company receives permits.

Reuters, 10:43 July 15, 2011

<http://phx.corporate-ir.net/phoenix.zhtml?c=79122&p=irol-newsArticle&ID=1585664&highlight=>
<http://af.reuters.com/article/energyOilNews/idAFN1E76E0FW20110715>

U.S. Imported 49 Percent of its Crude and Petroleum Products in 2010: EIA

According to the U.S. Energy Information Administration (EIA), the U.S. imported a net of 9.4 million b/d of crude oil and refined petroleum products in 2010. The country's dependence on foreign oil has declined dramatically since its peak in 2005 due to multiple reasons: a decline in consumption, increased use of domestic biofuels, and gains in domestically produced crude and natural gas liquids.

http://www.rigzone.com/news/article.asp?a_id=109124

Nile Petroleum East Africa to Build Oil Storage Terminal at Mombasa Port, Kenya

http://www.steelguru.com/middle_east_news/Nile_Petroleum_East_Africa_to_build_Kenya_oil_storage_terminal/214442.html

Update: Bridger Pipeline's 77-Mile, 12-Inch Four Bears Crude Pipeline in North Dakota May Be Delayed after Pipeline Exposed to Moist Conditions: North Dakota PSC

The North Dakota Public Service Commission (PSC) called for extra inspections of the under-construction pipeline on July 13 after sliding terrain left portions of pipe exposed to extremely moist conditions in Dunn County earlier this year.

http://www.downstreamtoday.com/news/article.aspx?a_id=27223

<http://www.truecos.com/bridger/>

Natural Gas

Nothing to report.

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
July 15, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	97.17	96.01	76.29
\$/Barrel			
NATURAL GAS			
Henry Hub	4.42	4.25	4.39
\$/Million Btu			

Source: Reuters

Energy Notes

Entergy Reports 13,874 Customers Lose Power in Arkansas July 13 – As of Latest Reports, 632 Customers Were in the Dark

<http://viewoutage.entergy.com/ar.aspx>

U.S., Russia Move Forward with Plans for Each Country to Dispose of at Least 34 Metric Tons of Plutonium by Using it as Nuclear Power Plant Fuel July 13 – Three Facilities Will Be Built at the Savannah River Site in South Carolina to Dispose of U.S. Plutonium

http://www.gsnmagazine.com/node/23912?c=federal_agencies_legislative

Operators Restarting Lehman Compressor Station in Texas after Thunderstorm Knocks Out Power, Forcing Unit Shut July 14-15

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156813>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156841>

Operators Shutting P-12 Unit for Maintenance Due to Vibration Issues at Dollarhide Gas Plant in Texas July 15-16

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=156807>

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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