



ENERGY ASSURANCE DAILY

Thursday Evening, July 14, 2011

Electricity

Update: ComEd Reports 81,000 Remain Without Power in Illinois July 14; Company Officials Say Smart Grid Technology Could Have Prevented Many Outages

Strong storms and winds knocked out power to about 868,000 Commonwealth Edison (ComEd) customers July 11. The company plans to restore 99 percent of its customers by 11:59 p.m. on Friday. ComEd officials said that if smart grid capabilities had been available during the storm, 175,000 customers would not have lost power at all, and many other customers likely would have lost power for only a few minutes, not several days.

<http://twitter.com/#!/ComEd/status/91586243762200576>

<http://www.dailyherald.com/article/20110714/news/707149961/>

Update: PPL's 1,111 MW Susquehanna Nuclear Unit 2 in Pennsylvania Ramped Up to 94 Percent by July 14

According to previous reports, the unit's scheduled refueling outage was extended on May 5 for repairs after operators discovered cracks on the unit's turbine blades. The Nuclear Regulatory Commission reported that on the morning of July 13 the unit was operating at 85 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 1,161 MW Braidwood Nuclear Unit 1 in Illinois Reduced to 21 Percent by July 14

The Nuclear Regulatory Commission reported that on the morning of July 13 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/>

Dynegy's 335 MW El Segundo Gas-Fired Unit 3 in California Shut by July 13

According to the California Independent System Operator, the unit reported an unplanned outage by July 13.

<http://www.caiso.com/unitstatus/data/unitstatus201107131515.html>

Texas Has at Least Nine Proposed Coal-Fired Power Plants in Various Stages of Development

Stamford, Texas officials decided to sell water to Tenaska's proposed coal-fired power plant on July 13 despite opposition from environmental groups. The state has at least eight other proposed coal-fired power plants currently being developed.

<http://www.newschannel6now.com/story/15069326/west-texas-city-to-give-proposed-coal-plant-water>

Update: NPPD's 791 MW Cooper Nuclear Unit in Nebraska No Longer Required to Operate in Alert Mode as Missouri River Flood Waters Recede July 12

Nebraska Public Power District was able to lift the alert mode designation as of 9:47 a.m. on Tuesday. The plant had been operating at the lowest of four alert levels since June 19 due to flooding along the Missouri River.

<http://www.omaha.com/article/20110712/NEWS01/110719849/0>

NRC Taskforce Says NRC Should Consider Overhauling Plant Safety Guidelines July 12

According to a source familiar with the report, a Nuclear Regulatory Commission (NRC) taskforce says the NRC should consider requiring utilities to comply with additional safety rules to protect nuclear facilities from disasters. However, the taskforce did not find any immediate safety concerns, and its report noted that that a sequence of events like that at Tepco's Fukushima Daiichi nuclear plant in Japan "is unlikely to occur in the United States."

<http://www.reuters.com/article/2011/07/13/us-usa-nuclear-report-idUSTRE76C07220110713>

Update: Wyoming Colorado Intertie Continues to Solicit Bidders for its Proposed 345 kV, Wyoming-to-Colorado WCI Transmission Line

The proposed Wyoming-Colorado Intertie (WCI) line is being developed as part of a public/private development partnership involving the Wyoming Infrastructure Authority, Trans-Elect Development Company LLC, and the Western Area Power Administration.

http://www.wcintertie.com/News/WCI%20Press%20Release%207_14_2011.pdf

Bruce Power's 750 MW Bruce Nuclear Unit 3 in Ontario Shut by July 13

Reuters, 10:47 July 14, 2011

Update: Montana-Dakota Utilities Receives Route Approval from North Dakota PSC for Proposed 30-Mile, 230 kV Transmission Line and Substation in North Dakota July 13

The North Dakota Public Service Commission approved the route for the project, which will connect to enXco's proposed 150 MW Merricourt Wind Project in southeastern North Dakota.

<http://pdf.reuters.com/htmlnews/8knews.asp?i=43059c3bf0e37541&u=urn:newsml:reuters.com:20110713:nBw136417a>

Two 610 MW Coal-Fired Units at Multiple Companies' 2,440 MW Stuart Power Station in Aberdeen, Ohio Experience Unplanned Outages

According to a report by Industrial Information Resources, the plant is owned jointly by Duke Energy, American Electric Power, and Dayton Power & Light.

Reuters, 03:16 July 14, 2011

<http://www.industrialinfo.com/showAbstract.jsp?newsitemID=182942>

Petroleum

Total Shuts SRU at 232,000 b/d Port Arthur, Texas Refinery for Repairs July 13-14

The company reported a sulfur recovery unit (SRU) known as "unit 871" was shut to repair environmental monitoring thermowells.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=156784>

BP Announces Plans for Major Redevelopment of Schiehallion and Loyal Oil Fields near the Shetland Islands in the North Sea

The company will invest £3 billion to redevelop the fields, allowing them to produce oil through 2035 and possibly beyond. An estimated 450 million barrels of resources are still available for development at the fields. The company's Quad 204 project will involve replacing the existing Schiehallion floating, production, storage and offloading (FPSO) vessel with a new one in 2015. The new FPSO will be able to process and export up to 130,000 b/d, and will be able to store 1 million barrels.

http://www.rigzone.com/news/article.asp?all=HG2&a_id=109068

FARC Likely to Blame for New Attack on Ecopetrol's Cano Limon Coveñas Oil Pipeline in Colombia July 10

Shipments were disrupted and oil spilled in the Catatumbo River after the pipeline was attacked. Reports indicate that the Fuerza Armadas Revolucionarias de Colombia (FARC) guerilla group likely perpetrated the attack.

Ecopetrol is working to bring the spill under control.

http://www.downstreamtoday.com/news/article.aspx?a_id=27210

http://www.el-nacional.com/www/site/p_contenido.php?q=nodo/220575/Regiones/Pdvsa-alerta-ante-derrame-de-crudo-en-r%C3%ADo-Catatumbo

Update: Yemen to Begin Repairing Country's Main 120,000 b/d Oil Pipeline July 14

The pipeline has been shut since an attack by tribesmen in March. Repairs are expected to take about a month.

Reuters, 10:01 July 14, 2011

Natural Gas

Laser Northeast Gathering Breaks Ground on the New York Section of Phase I of its Susquehanna Gathering System July 13; Company Announces Proposed Expansions

The pipeline will gather natural gas from the Marcellus Shale and transport it to the Millennium interstate pipeline in Broome County, New York. Phase I is due to be complete by the third quarter of 2011 – the Pennsylvania portion of Phase I has been under construction since February. The company also announces plans for Phase II of the project, which will provide 1.4 Bcf/d of pipeline capacity, thereby tripling the size of the overall project. Further development plans call for a southwest expansion of nine miles of 24-inch pipeline to an interconnection with the Tennessee Gas Pipeline, as well as nine miles of 16-inch pipeline to Wyoming County, Pennsylvania.

http://www.downstreamtoday.com/news/article.aspx?a_id=27204

Meritage Midstream Services Plans to Build 60-Mile, 16-Inch, 150 MMcf/d Cuervo Creek Rich Gas Gathering System in Webb County, Texas July 13

The gathering pipeline, which will cover over 1,300 square miles from Encinal south to Laredo, is expected to come into service in the fourth quarter of 2011. The company expects to increase the pipeline's capacity in 2012.

http://www.meritagemidstream.com/MeritageMidstream_RichGasSystem_71311F.pdf

Other News

AEP Suspends Plans to Bring its CCS Project at 1,300 MW Mountaineer Coal-Fired Power Plant in Mason County, West Virginia to Commercial Scale July 14

American Electric Power (AEP) said it does not make economic sense to continue developing a commercial-scale carbon capture and storage (CCS) project at the plant so long as there is no federal requirement to reduce greenhouse gas emissions. The company will return a \$334 million federal grant meant to help finance the project, and will terminate its cooperative agreement with the U.S. Department of Energy. AEP currently has a 20 MW-equivalent CCS project at the site.

Reuters, 09:04 July 14, 2011

<http://www.wtrf.com/story.cfm?func=viewstory&storyid=103256>

<http://www.dailymail.com/Business/201107140673>

Update: Corsa Coal Begins Train Shipments of Metallurgical Coal from its New Coal Preparation Plant near Somerset, Pennsylvania

The company loaded and shipped two 80-car unit trains carrying a total of 16,000 tons of metallurgical coal. Regular shipments will now commence. The plant has a name plate capacity of 400 raw tons of coal an hour and at full capacity the plant has the ability to produce up to 1.8 to 2 million clean tons of metallurgical coal each year.

CJX-CSO, 11:11 July 14, 2011

Energy Prices

U.S. Oil and Gas Prices			
July 14, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	97.19	98.92	77.47
NATURAL GAS Henry Hub \$/Million Btu	4.43	4.34	4.46

Source: Reuters

SWEPSCO Reports 27,000 Louisiana Customers Lose Power throughout the Day after Mylar Balloons Become Entangled in a 34 kV Power Line and a Substation Goes Down in Shreveport, Louisiana Area July 14

<http://www.dailytribune.net/articles/2011/07/14/news/doc4e1f1d2e047e4171234345.txt>

<http://www.ksla.com/story/15076959/substation-malfunction-source-of-ssw-shreveport-power-outage>

<http://www.bayoubuzz.com/louisiana-local-news/shreveport-news/296863-thousands-still-without-power-in-shreveport>

Storms Kill Power to 27,000 Dominion Customers in Northern Virginia July 13 - 303 Are Currently Without Power

<http://www.dom.com/storm-center/dominion-electric-outage-summary.jsp>

<http://www.wjla.com/articles/2011/07/storms-knock-down-trees-flood-roads-63629.html>

Equipment Failure Leads to Loss of Power for 25,000 Greenville Utilities Customers in North Carolina July 12

http://www.witn.com/home/headlines/GUC_Power_Failure_Not_Due_to_System_Overload_125538473.html

Idaho Power Corp. Plans 20 MW Murphy Flats Solar Field in Idaho

Reuters, 16:32 July 13, 2011

ConocoPhillips Reports Process Upset at 146,000 b/d Borger, Texas Refinery July 13

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=156775>

Possible Equipment Failure Leads to Emissions at CVR Energy's 115,700 b/d Coffeyville, Kansas Refinery July 13

Reuters, 00:17 July 14, 2011

Energy Minister Says Russia May Start Building a Strategic Stockpile of 2 Million Metric Tons of Oil Products in July or August July 13

<http://www.platts.com/RSSFeedDetailedNews/RSSFeed/Oil/6272508>

Tanker Truck Overturns, Spills Diesel and Gasoline in Fleming County, Kentucky July 12

http://www.maysville-online.com/news/local/article_8bc6f38c-acda-11e0-a341-001cc4c002e0.html

BP Evacuates Personnel and Shuts Production at Valhall Oil Platform in Norwegian North Sea Following Compressor Fire July 13 – Platform Had Been Producing About 41,000 b/d

DJN, 11:12 July 14, 2011

http://www.rigzone.com/news/article.asp?a_id=109100

Global Nuclear Fuels – America Finds Criticality Warning System Horn Is Inaudible, Forcing Shut Portions of its Nuclear Fuel Manufacturing Facility in Wilmington, North Carolina July 13

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110714en.html>

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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