



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Monday Evening, August 15, 2011

Electricity

Thunderstorms Knock Out Power 128,000 LG&E Customers in Kentucky August 13

Powerful storms on the afternoon of August 13 knocked out power to a peak of 128,000 Louisville Gas & Electric (LG&E) customers. As of 6:00 AM local time August 15, LG&E reported that 32,600 customers remained without power. The company said that full restoration may take "a number of days" because the outages were widespread. One official estimated restoration would not be complete until August 17.

<http://www.lge-ku.com/>

<http://stormcenter.lge-ku.com/default.html>

<http://www.fox19.com/story/15266734/tens-of-thousands-will-without-power-in-louisville>

Reuters, 16:14 August 11, 2011

STP's 1,251 MW South Texas Nuclear Unit 2 in Texas Reduced to 18 Percent by August 15

The Nuclear Regulatory Commission reported that on the morning of August 14 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: Constellation's 1,120 MW Nine Mile Point Nuclear Unit 2 in New York Ramps up to Full Power by August 14

The Nuclear Regulatory Commission reported that the unit had ramped up to full power by the morning of August 14. The unit restarted and ramped up to 1 percent of capacity by early August 12. According to previous reports, the unit was shut on August 11 due to a leak associated with a feedwater pump.

Information derived from the NRC Power Reactor Status Reports:

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

Update: APS's 1,243 MW Palo Verde Nuclear Unit 1 in Arizona Ramps Up to Full Power by August 15

The Nuclear Regulatory Commission reported that the unit had ramped up to full power by the morning of August 15. The unit began restarting and ramped up to 12 percent of capacity by the morning of August 11. According to previous reports, the unit tripped offline on August 6 due to a "dropped Shutdown Group Control Element Assembly (CEA) during surveillance testing to exercise the CEAs."

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110808en.html>

Information derived from the NRC Power Reactor Status Reports:

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

Two Units Shut at RRI Energy's 741 MW Ormond Beach Gas-fired Generating Station in California Shut by August 12

According to the California Independent System Operator, the 741 MW Unit 1 and the 775 MW Unit 2 reported unplanned outages by August 12.

<http://content.caiso.com/unitstatus/data/unitstatus201108121515.html>

Dynegy's 335 MW El Segundo Gas-fired Unit 4 in California Reduced by August 13

According to the California Independent System Operator, the unit reported an unplanned curtailment of 135 MW by August 13.

<http://content.caiso.com/unitstatus/data/unitstatus201108131515.html>

Dynegy's 510 MW Moss Landing Gas-fired Unit 2 in California Reduced by August 14

According to the California Independent System Operator, the unit reported an unplanned curtailment of 260 MW by August 14.

<http://content.caiso.com/unitstatus/data/unitstatus201108141515.html>

Calpine's 751 MW Pastoria Energy Facility Gas-fired Unit in California Reduced by August 12

According to the California Independent System Operator, the unit reported an unplanned curtailment of 271 MW by August 12.

<http://content.caiso.com/unitstatus/data/unitstatus201108121515.html>

Calpine's 561 MW Los Medanos Energy Center Aggregate Gas-fired Unit in California Reduced by August 12

According to the California Independent System Operator, the unit reported an unplanned curtailment of 321 MW by August 12.

<http://content.caiso.com/unitstatus/data/unitstatus201108121515.html>

AES's 506 MW Redondo Gas-fired Unit 7 in California Shut by August 14

According to the California Independent System Operator, the unit reported an unplanned outage by August 14.

<http://content.caiso.com/unitstatus/data/unitstatus201108141515.html>

Termoelectrica De Mexicali's 625 MW Termoelectrica De Mexicali 1 Gas-fired Unit in Mexico Shut by August 12

According to the California Independent System Operator, the unit reported an unplanned outage by August 12.

<http://content.caiso.com/unitstatus/data/unitstatus201108121515.html>

Petroleum

Update: Restart Complete at ConocoPhillips's 198,400 b/d Ponca City, Oklahoma Refinery August 15

The company said that startup operations were complete on August 15. The refinery began restarting August 9 after all units at the refinery were shut August 8 due to power loss caused by thunderstorms.

<http://online.wsj.com/article/BT-CO-20110815-708847.html>

Reuters, 09:57 August 15, 2011

Irving Oil Restarts Catalytic Cracker at 300,000 b/d Saint John, New Brunswick Refinery August 12

Bloomberg News reported that the refinery restarted a catalytic cracker. The upset, which occurred on August 11, did not affect supply, according a company spokeswoman.

<http://www.sfgate.com/cgi-bin/article.cgi?f=/g/a/2011/08/12/bloomberg1376-LPTG7M6VDKI801-12B0JFQ1HEFKNMEHCVP5Q4Q65.DTL>

<http://nbbusinessjournal.canadaeast.com/gleaner/article/1431632>

<http://online.wsj.com/article/BT-CO-20110815-708847.html>

Blower Trips on Alkylation Unit at ConocoPhillips's 247,000 b/d Sweeny, Texas Refinery August 12

According to a filing with Texas regulators, "one of the two blowers on the flare tripped causing the flare stack to smoke intermittently."

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=157978>

Sheen Prompts Enterprise Products Partners LP to Inspect Gulf of Mexico Crude Pipelines

The company is sending an underwater inspection team to investigate the cause of a surface sheen near the junction of Enterprise's 80,000 b/d Constitution, 155,000 b/d Poseidon, and 250,000 b/d Cameron crude oil pipelines in a gulf block off the coast of central Louisiana. All three lines are in operation and functioning normally.

<http://fuelfix.com/blog/2011/08/15/enterprise-to-inspect-gulf-of-mexico-oil-pipelines-after-sheen-seen/>

Oil Leak Slowing from Ruptured Pipeline at Shell's Gannet Alpha Platform in the North Sea

The company estimated on August 15 that the oil leak had slowed to less than 5 b/d. The flow rate has been slowing since the company shut the well feeding the pipeline on August 10, the same day that the line ruptured. Work continues to stop the oil remaining in the flow line from leaking. Since the rupture occurred, an estimated 216 tonnes (1,300 bbls) of oil have leaked into the sea. The Gannet Alpha platform normally produces 4,500-6,000 b/d. http://www.shell.com/home/content/media/news_and_media_releases/2011/gannet_oil_leak_15082011.html
http://blogs.wsj.com/source/2011/08/15/shell-must-speak-up-about-north-sea-oil-spill/?mod=yahoo_hs

Natural Gas

Enterprise's 33,600 b/d Conway North NGL Pipeline in Iowa Leaks into Flooded Missouri River

Enterprise Products Partners LLP is cleaning up a spill from the Iowa-side of the company's Conway North natural gas liquids (NGL) pipeline, which spilled fuel into the flooded Missouri River. Controllers detected a pressure drop early on August 13 on a 10-mile pipeline segment between Decatur, Nebraska and Onawa, Iowa and immediately shut the line. At the time of the leak, the pipeline was carrying 140,000 gallons (3,300 barrels) of natural gasoline. It is unclear how much of that product was spilled. So far Enterprise has recovered 3,000 gallons (about 70 barrels) of the spilled fuel. The affected segment of the pipeline is near the Missouri River but is not under water. The pipeline spilled into path of the flood waters but not into the river crossing itself. Conway North Line is part of Enterprise's Mid-America pipeline system, which transports NGLs produced at natural gas processing plants in the Rockies to the Seminole pipeline in West Texas.

<http://www.reuters.com/article/2011/08/15/enterprise-pipeline-idUKN1E77E0LV20110815?type=companyNews>
Reuters, 09:42 August 15, 2011

Update: Man Arrested for Failed Natural Gas Pipeline Bomb Attempt in Oklahoma

The man was arrested August 12 and charged with attempting to bomb a natural gas pipeline in Oklahoma. Enogex LLC (a unit of OGE Energy) shut its 12-inch pipeline on August 10 after it discovered a bomb on its pipeline and the line remained shut for 3 ½ hours while FBI removed the device. The man said that made the bomb at his home and planted the bomb on August 7.

Reuters, 18:40 August 12, 2011

http://articles.cnn.com/2011-08-12/justice/oklahoma.pipe.bomb_1_gas-pipeline-bomb-squad-device?_s=PM:CRIME

PG&E Reduces Pressure on 12-Inch Transmission Pipeline in California after Anomalies Found

The utility reduced pressure on the line by 11 percent while additional tests were performed on section of the pipeline, which runs between Santa Rosa and Healdsburg, California. The anomalies were discovered in a "smart-pig" inspection conducted in March. It took several months for the data collected during the inspection to be analyzed before the decision to reduce the pressure was made.

http://www.downstreamtoday.com/news/article.aspx?a_id=27581

Enbridge's Stingray Pipeline Experiences Short, Unplanned Outage on Morning of August 15

<http://apps.enbridgeus.com/ENotices/NoticeEntryPage.aspx?selnoticecode=stry2011227.115218>

TransCanada Launches Open Season for Keystone Pipeline System Extension to Houston

TransCanada Corporation August 15 launched a binding open season to obtain firm commitments from interested parties for the Keystone Pipeline System to transport crude oil from Hardisty, Alberta to Houston, Texas. The proposed Keystone Houston Lateral would involve an expansion of capacity and construction of an approximate 48-mile pipeline extension from the proposed Keystone XL system to the Houston refining center. The proposed facilities would double the U.S. Gulf Coast refining market capacity accessible from the Keystone Pipeline System to over 4 million b/d by providing access to the key refining market in the Houston area.

<http://www.transcanada.com/5816.html>

Other News

GE and University of Wyoming Suspend Clean Coal Research Facility Project

GE and the University of Wyoming announced August 12 that they had suspended plans to build the High Plains Gasification-Advanced Technology Center near Cheyenne, Wyoming. Construction on the \$100-million project to test coal gasification was expected to begin this year and finish in late 2012. The project is expected to be reassessed in 18 to 24 months.

<http://abcnews.go.com/Business/wireStory?id=14192705>

City of Oshawa Delivers Comment Opposing FarmTech's Proposed 55 Million Gallon/Year Ethanol Refinery in Ottawa, Canada August 15

The City of Oshawa's six-week public awareness campaign opposing a proposed ethanol refinery by FarmTech Energy Corporation (FarmTech) on the shoreline of Lake Ontario has resulted in the delivery of the City's 300-page comment submission to Agriculture and Agri-Food Canada in Ottawa.

<http://www.prnewswire.com/news-releases/oshawa-submits-a-compelling-case-against-a-proposed-ethanol-refinery-at-its-harbour-127722088.html>

http://www.oshawa.ca/cit_hall/harbour.asp

Energy Prices

U.S. Oil and Gas Prices August 15, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	87.13	83.68	75.44
NATURAL GAS Henry Hub \$/Million Btu	4.17	4.00	4.42

Source: Reuters

Energy Notes

Storms Knock Out Power to 24,000 DTE Energy Customers in Michigan August 13 Night

<http://www.freep.com/article/20110814/NEWS05/110814007/Power-restored-most-24-000-DTE-customers>

Storms Knock Out Power to 18,000 Dominion Customers in Virginia August 14 Night

<http://www.nbc29.com/story/15265486/storms-hit-charlotteville>

Storms Knock Out Power to 14,000 Progress Energy Customers in North Carolina August 14 Night

<http://www2.nbc17.com/weather/2011/aug/14/13/severe-storms-could-hit-central-nc-later-sunday-ar-1299529/>

Substation Problem Knocks Out Power to 11,000 Clarksville Department of Electricity Customers in Tennessee August 15

<http://www.theleafchronicle.com/article/20110815/NEWS01/110815002/Morning-power-outage-leaves-11-000-without-power-?odyssey=tab%7Cmostpopular%7Ctext%7CFRONTPAGE>

Grid Cloud Solutions Announces 10 MW Solar Project Submissions in Ontario

http://www.marketwatch.com/story/grid-cloud-solutions-announces-10-mw-solar-project-submissions-2011-08-15?reflink=MW_news_stmp

U.S. Natural Gas Rig Count Hits 5-Month High – Baker Hughes

<http://af.reuters.com/article/energyOilNews/idAFN1E77B10E20110812>

Libya Will Take 3 Years after Fighting Stops to Reach Pre-War Oil Production Levels – Wood Mackenzie

<http://www.nasdaq.com/aspx/stock-market-news-story.aspx?storyid=201108150856dowjonesdjonline000061&title=at-least-3-years-for-libya-to-restore-full-oil-outputwoodmac>

South Sudan Threatens to Shut Down Oil Pipeline to Port Sudan if North Charges Too Much for Usage

<http://www.pretorianews.co.za/south-sudan-threatens-to-shut-oil-pipeline-1.1117171>

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 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

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

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