



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

ENERGY ASSURANCE DAILY

Monday Evening, April 13, 2009

Major Developments

Storms Cut Power to about 461,000 Customers in Alabama and Georgia April 12-13

Severe storms felled trees and downed power lines, cutting power to about 291,000 customers in Georgia and 170,000 customers in Alabama, multiple sources reported. Alabama Power, the state's hardest-hit utility, expected to restore power to most its affected customers by this evening. Georgia Power reported that it had restored power to some of its customers, but did not provide a timetable for full restoration. The following table lists peak and current outage figures, based on latest available data.

Georgia-Alabama Customer Power Outages			
April 12-13, 2009			
Electric Utility	State	Peak	Latest Reported
Georgia Power	GA	250,000	190,000
Georgia Electric Membership Corporation	GA	41,000	20,000
Alabama Power	AL	158,474	124,000
Huntsville Utilities	AL	12,000	1,500
TOTAL*		461,474	335,500

*Total outages only represent electric utilities listed in this table.

Sources:

Georgia Electric Membership Corporation: <http://www.georgiaemc.com/stormcentral/outagesbyregion.aspx>

<http://www.georgiaemc.com/news/newsdetail.aspx?itemID=45>

http://blog.al.com/spotnews/2009/04/storms_knock_out_power_to_thou.html

<http://www.waaytv.com/Global/story.asp?S=10172979>

http://blog.al.com/breaking/2009/04/huntsville_utilities_continues.html

<http://www.11alive.com/news/local/story.aspx?storyid=128995&catid=8>

<http://www.mainstreetnews.com/archives/6854-High-winds-uproot-trees.-down-power-lines.html>

<http://www.pnj.com/article/20090413/NEWS01/90413021>

<http://www.bizjournals.com/atlanta/stories/2009/04/13/daily9.html>

<http://www.11alive.com/news/local/story.aspx?storyid=128987&catid=3>

http://blog.al.com/spotnews/2009/04/alabama_power_works_to_restore.html

Electricity

Storms Cut Electricity to 25,000 Electric Power Board Customers in Tennessee April 10-11

<http://www.wrcbtv.com/Global/story.asp?S=10165836>

http://www.newschannel9.com/articles/power_977351_article.html/high_winds.html

AmerenUE's 1,125 MW Callaway Nuke Unit in Missouri Reduced to 9 Percent by April 13

Operators slowed the unit to repair a malfunctioning turbine-control valve, a spokeswoman said. Workers completed the work by this morning and were inspecting similar valves, she said. She did not specify when the unit would return to full service, but said that slowing it to 9 percent power—instead of fully shutting it—would enable a faster recovery. The Nuclear Regulatory Commission reported that on the morning of April 12 the unit was operating at full power.

Bloomberg News, 12:51 April 13, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

AEP Shuts, Plans Restart of 721 MW Pirkey Coal-fired Power Plant in Texas April 10-14

AEP shut the unit to repair a boiler, it said in a filing with state regulators. The company expected to restart the unit from April 11-14, according to a separate filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122310>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122312>

Reuters, 11:33 April 13, 2009

Update: Entergy's 836 MW Arkansas Nuclear Unit 1 in Arkansas at Full Power by April 11

The Nuclear Regulatory Commission reported that on the morning of April 10 the unit was operating at 40 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

NRG Plans Restart of 734 MW Coal-fired WA Parish Unit 5 in Texas April 11-14

NRG Energy planned to restart the unit after a maintenance outage, the company said in a filing with state regulators. It was not clear from the filing when the unit went offline.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122579>

Reuters, 11:51 April 13, 2009

Update: Calpine Ramps up 376 MW Inland Empire Energy Center Gas-fired Unit 1 in California by April 10

According to the California Independent System Operator, the unit ramped up from an unplanned curtailment.

<http://www.caiso.com/unitstatus/data/unitstatus200904110515.html>

Cabrillo Power's 300 MW Encina Gas-fired Unit 4 in California Returns to Service by April 11

According to the California Independent System Operator, the unit returned from an unplanned outage by April 11.

<http://www.caiso.com/unitstatus/data/unitstatus200904111515.html>

Duke's 150 MW Southbay Unit 2 Gas-fired Unit in California Returns to Service by April 11

According to the California Independent System Operator, the unit experienced an unplanned outage on April 11.

<http://www.caiso.com/unitstatus/data/unitstatus200904111515.html>

Calpine's 135 MW Gilroy Gas-fired Unit in California Shuts, Restarts by April 10-11

According to the California Independent System Operator, the unit shut by April 10 and restarted by April 11.

<http://www.caiso.com/unitstatus/data/unitstatus200904111515.html>

Sithe Global Power Shuts Four Units at 875 MW Gas-fired Goreway Power Station in Ontario April 11

The facility had been under construction, scheduled to open prior to the next cooling season, based on latest reports. It was not clear from the source whether construction had finished, or if the facility was undergoing tests before its full start-up. The plant was operating at 833 MW—just below its planned 875 MW—prior to the shutdown. The plant had been expected to enter commercial service this spring.

Bloomberg News, 12:03 April 12, 2009

<http://www.goreway-station.com/>

OPG Shuts 475 MW Nanticoke Coal-fired Unit 1 in Ontario April 13

Bloomberg News, 08:21 April 13, 2009

TransAlta's 383 MW Keephills Coal-fired Unit 1 in Alberta Shut April 10

Bloomberg News, 18:31 April 10, 2009

Update: TransAlta Restarts 399 MW Sundance Coal-fired Unit 3 in Alberta April 11

Bloomberg News, 16:55 April 11, 2009

FPL, Kitson & Partners Plan Solar-Power City in Florida

Florida Power & Light (FPL) and real-estate developer Kitson & Partners plan to construct the world's first solar-powered city in Babcock Ranch, Florida, according to an April 10 news source. To power the city, the companies plan to build the world's largest solar photovoltaic power plant. Pending state approval, Kitson & Partners hopes to begin construction in 2009.

http://www.upi.com/Energy_Resources/2009/04/10/Florida-to-house-first-solar-city/UPI-99011239394083/

BPUS Generation Development Plans 1,340 MW Hydroelectric Power Plant in Idaho

The Federal Energy Regulatory Commission (FERC) issued a preliminary permit in late 2008, allowing the company three years to determine the project's feasibility. .

<http://www.fox12news.com/Global/story.asp?S=10168580>

Update: PPL Seeks FERC Approval to Re-initiate 125 MW Expansion at 107 MW Holtwood Hydroelectric Power Plant in Pennsylvania

PPL said it would file with the Federal Energy Regulatory Commission (FERC) to restart a previously-stalled, 125 MW expansion project at its 107 MW Holtwood hydroelectric power plant in Pennsylvania. The company withdrew its initial application in December 2008, citing economic conditions, tightening credit markets and projections of future energy prices. PPL, however, reconsidered its plans "in view of the tax incentives and potential loan guarantees for renewable energy projects that are in the federal economic stimulus package," it said in a press release. The company hopes to complete the project by the spring of 2013.

<http://www.pplweb.com/newsroom/newsroom+quick+links/news+releases/040909+PPL+reapplies+for+Holtwood+project.htm>

http://ydr.inyork.com/ci_12107908

Petroleum

Citgo Restarting Units after Weekend Power Disruption at 156,000 b/d Corpus Christi, Texas Refinery

Citgo planned to restart a sulfur recovery unit (SRU) and boilers on April 12 at the West Plant of its 156,000 b/d Corpus Christi, Texas refinery, the company said in a filing with state regulators. A power disruption forced shut all processing units at the West Plant on Saturday night, April 11, Citgo said. In another filing, dated April 10, Citgo said it shut a platformer at Corpus Christi's East Plant to fix a leak.

Reuters, 08:58 April 13, 2009

DJN, 08:17 April 13, 2009

Bloomberg News, 20:56 April 12, 2009

Bloomberg News, 05:24 April 11, 2009

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122617>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122621>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122622>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122603>

Coking Unit Fire at ConocoPhillips' 247,000 b/d Sweeny, Texas Refinery April 9

A fire forced a partial shutdown of a coking unit at ConocoPhillips' 247,000 b/d Sweeny, Texas refinery on April 9, the company said in a filing with state regulators. According to the report, the fire was extinguished within 30 minutes but operators had to partly shutdown the coker unit to perform repairs. The work resulted in intermittent flaring. ConocoPhillips did not indicate when the coker would return to full service, but said additional flaring was possible during the restart.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122601>

Reuters, 09:13 April 13, 2009

DJN, 08:34 April 13, 2009

Bloomberg News, 05:36 April 11, 2009

Update: ConocoPhillips Plans to Restart CDU This Week at 232,000 b/d Bayway Refinery in Linden, New Jersey—Trade Sources

ConocoPhillips expects to restart a fire-downed crude distillation unit (CDU) this week at its Bayway refinery in Linden, New Jersey, trade sources said. The blaze occurred on April 5.

Reuters, 09:30 April 13, 2009

Update: Hydrocracker Returns to Service over Weekend at Valero's 289,000 b/d Port Arthur, Texas Refinery

Valero fixed an air-cooler leak and restarted the unit over the weekend, a company spokesman said. Operators shut the unit on April 3, according to a previous report.

Bloomberg News, 12:21 April 13, 2009

Update: After Late-March Fire, Sinclair Expects to Resume Full Operations Soon at 83,000 b/d Sinclair, Wyoming Refinery

A March 29 explosion and fire forced offline about half of the facility's operating capacity. A Sinclair spokesman said the refinery should return to normal operations soon.

http://www.localnews8.com/Global/story.asp?S=10174030&nav=menu554_1_1

After Fire, Shell Shuts Flow Stations to 150,000 b/d Trans-Niger Oil Pipeline in Nigeria by April 12—Some Production Offline, Company Says

Shell shut flow stations to its 150,000 b/d Trans-Niger oil pipeline after a fire at the associated Bomu manifold in Nigeria, according to multiple sources. The cause of the incident was unknown; Shell said it shut the stations as a precaution. The company confirmed that some production was offline, but a source did not provide specific outage figures. The fire-stricken Bomu manifold collects oil from Shell's Eastern division operations, and then diverts it to the Bonny Oil Export Terminal, according to a news source. A separate source said that about 600,000 b/d—approximately one-fourth of Nigeria's oil production capacity—is offline due to militant assaults and other issues.

<http://online.wsj.com/article/BT-CO-20090412-702729.html>

<http://www.vanguardngr.com/content/view/33464/41/>

Reuters, 12:09 April 12, 2009

Natural Gas

ExxonMobil Resumes Normal Natural Gas Production at 400-500 MMcf/d Sable Offshore Energy Project in Nova Scotia April 12

An electrical malfunction at Sable's Thebaud platform forced offline approximately 400 MMcf/d of natural gas production on April 7. Although some planned work is still underway, ExxonMobil repaired affected equipment, conducted pre-start test programs, received restart approval, and began ramping up production on April 12, according to a news source. Two Spectra Energy units confirmed that the facility had resumed normal production rates. Spectra holds a majority stake in a pipeline that delivers natural gas from Sable to the United States and Canada.

http://www.rigzone.com/news/article.asp?a_id=74999

<http://www.energycurrent.com/index.php?id=2&storyid=17362>

Reuters, 11:27 April 13, 2009

Update: Williams to Inspect then Seek Restart Approval of "C" Natural Gas Pipeline in Virginia Nearby to Line that Suffered Explosion in September 2008,

Williams Gas Co. plans to dig up and inspect approximately 12 locations along its "C" natural gas pipeline in Virginia, about seven months after an explosion along the parallel-running "B" line, a spokesman said. The "B" line exploded and shut on September 14, 2008, in Appomattox, Virginia, forcing offline the adjacent "A" and "C" lines. All three lines are part of the Gulf of Mexico-to-New York Transco natural gas pipeline system. Williams restored pressure to the "A" line in November 2008 and to the "B" line in December 2008, but pressure has remained reduced along the "C" line. The company expects to inspect "C" for about three weeks, and then request federal approval to fully restart pressure to the line.

http://www.downstreamtoday.com/news/article.aspx?a_id=15990

Natural Gas Futures Dip 2.5 Percent, Hit 6½-Year Low on Oversupply April 13

Natural gas for May delivery slid to \$3.515 per million Btus on the New York Mercantile Exchange (NYMEX) April 13, the lowest such figure since September 2002. Analysts attributed the decline to higher-than-average natural gas inventories, and a drop in domestic demand.

Bloomberg News, 11:05 April 13, 2009

Unconventional Natural Gas Production to Account for More than Half of U.S. Output by 2020—Ziff Energy

Unconventional sources—the Barnett, Fayetteville and Woodford Shales, among others—will account for 53 percent of U.S. gas supply by 2020, up from 30 percent in 2000, according to a report from Ziff Energy. To read Ziff's release, click on the link below.

<http://www.ziffenergy.com/download/pressrelease/PR20090408-02.pdf>

Other News

Custom Environmental Technology Plans Waste-to-Ethanol Plant in North Carolina

The company expects to open the facility in early 2010.

<http://www2.statesville.com/content/2009/apr/11/ethanol-plant-coming-statesville/>

Energy Prices

U.S. Oil and Gas Prices			
April 13, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	50.20	50.36	109.43
NATURAL GAS Henry Hub \$/Million Btu	3.59	3.66	10.18

Source: Reuters

Energy Notes

Tornado Wrecks Homes, Cuts Power to 18,128 Murfreesboro Electric Customers in Tennessee April 10—Power Restored to Most over Weekend

<http://www.tennessean.com/article/D4/20090411/NEWS01/90411002>

<http://www.examiner.com/x-3663-Nashville-Weather-Examiner~y2009m4d10-2-die-41-injured-as-tornado-strikes-Murfreesboro-TN>

<http://www.tennessean.com/article/D4/20090413/NEWS01/904130323>

Storms Knock Out Power to 14,250 Customers in Alabama April 10

http://blog.al.com/spotnews/2009/04/storms_leave_path_of_destructi.html

Lightning, Hail Knock Out Power to 14,000 Georgia Power Customers April 10

<http://www.wtvnews4.com/home/headlines/42855127.html>

Storms Cut Electricity to 20,469 Duke Energy Customers, 1,500 SCE&G Customers in South Carolina April 11—Majority Back Online by April 13

http://chronicle.augusta.com/stories/2009/04/12/met_520174.shtml

<http://www.duke-energy.com/outages/stats/>

Winds Knock Out Power to More than 10,000 Entergy Customers in Arkansas April 9

<http://uk.reuters.com/article/usTopNews/idUKTRE5391KS20090410>

Unknown Fault Cuts Electricity to 10,000 Commonwealth Edison Customers in Illinois April 11—Most Restored within Hours

http://chicagoist.com/2009/04/11/south_suburbs_go_dark.php

Downed Transmission Line Knocks Out Electricity to Approximately 13,000 Nova Scotia Power Customers in Canada April 9

<http://timetranscript.canadaeast.com/news/article/631463>

Update: FERC Okays Green Power Express LP's Rate Incentives Request for Planned 3,000-mile, 12,000 MW Midwest U.S.-to-Eastern U.S. States Transmission Project

http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/04-13-2009/0005004652&EDATE=

California Coastal Commission Okays SCE's Plans for 45 MW Gas-fired Peaker Power Plant in California

<http://www.sddt.com/News/article.cfm?SourceCode=20090410cd>

Wet Gas Compressor Trips, Triggers Flaring at Valero's 289,000 b/d Port Arthur, Texas Refinery April 11

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122611>

Gasoline Tanker Truck Overturns in Maryland, Spills Unknown Quantity of Gasoline April 9

http://www.examiner.com/a-1951849~Overtuned_tanker_truck_spills_gas_in_Baltimore.html

Goldsmith Gas Plant Reports Multiple Turbine Malfunctions April 10-13

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122625>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122615>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122598>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122609>

Compressor Snag at Waha Gas Plant in Texas April 11-12

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122614>

Compressor Failure at Salt Creek Gas Plant in Texas April 13

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122298>

Cliffs Natural Resources' Pinnacle Mining Shuts Green Ridge No. 1 and Pinnacle Coal Mines in West Virginia, Citing Unexpected Customer Cancelation

DJN, 08:02 April 13, 2009

Houston Ship Channel Reopens after Fog Triggers More than Three Hour Stoppage April 13

Bloomberg News, 10:24 April 13, 2009

Gunmen Assault Nigerian Navy Workers at Shell Oil Facility in Nigeria April 13

Reuters, 09:40 April 13, 2009

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

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

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