



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

ENERGY ASSURANCE DAILY

Thursday Evening, February 13, 2014

Major Developments

Update: 570,000 Customers Remain Without Power Across Southeast U.S. February 13

As of 3:30 p.m. EST today, approximately 570,000 customers were without power in the Southeast after a strong snow and ice storm moved across the region yesterday and today. Georgia was the worst-hit state with more than 200,000 customers remaining without power. The storm track was moving into the Northeast tonight and into New England tomorrow. The majority of sustained outages are concentrated in Georgia, South Carolina, North Carolina, and Louisiana. Utilities in the affected area and those in the path of the storm have positioned crews to respond. Several utilities report that they are also enlisting out-of-state crews to support the response.

Southeast Customer Power Outages			
February 13			
Electric Utility	State	Peak Reported	Latest Reported
Alabama Power	AL	32,200	4,000
Central Alabama Electric Cooperative	AL	1,555	12
Huntsville Utilities	AL	1,000	65
Georgia Power	GA	234,324	184,780
Jefferson Energy Cooperative	GA	26,869	11,383
Central Georgia Electric Member Corp.	GA	7,167	2,536
Amicalola Electric Member Corporation	GA	3,988	1,574
Greystone Power Corp.	GA	5,178	2,140
Southern Rivers Energy	GA	8,443	1,871
Habersham Electric Member Coop	GA	1,119	69
LG&E and KU Energy	KY	737	358
Kentucky Power	KY	4,655	3,947
AEP SWEPCO	LA	35,460	22
Central Louisiana Electric Company	LA	29,468	0
Entergy Louisiana	LA	9,915	2,194
Entergy Mississippi	MS	3,261	644
Duke Energy Progress	NC	84,969	76,112
Duke Energy Carolinas	NC	22,667	21,565
Energy United	NC	995	566
Lumbee River Electric Membership Corp.	NC	1,279	1,303
Duke Energy Progress	SC	88,509	77,813
South Carolina Electric & Gas	SC	119,721	105,115
Duke Energy Carolinas	SC	51,455	5,574
Santee Cooper	SC	31,376	25,882
Horry Electric Cooperative	SC	18,380	13,617
Chattanooga Electric Power Board (EPB)	TN	25,000	25,000
Knoxville Utilities Board	TN	1,142	322
AEP SWEPCO	TX	11,806	21
Oncor	TX	9,926	342
CenterPoint Energy	TX	952	552
Dominion Power	VA	2,179	178
Appalachian Power	VA	708	210
Southside Electric Coop	VA	1,637	629
TOTAL*		878,040	570,396

*Due to a large number of service providers, including investor owned utilities and cooperatives, the number of customer outages reported may not be comprehensive.

Sources:

<http://caec.coop/electric-service/current-outages/>
<https://www.hsvutil.org/report-a-problem/outagemap/>
<http://apps.ameren.com/outage/outagemap.aspx?state=IL>
<http://www.jeffersonenergy.com/>
<http://www.cgmc.com/>
http://www.greystonepower.com/Content/Storm_Center_Home.asp
<http://outagemap.georgiapower.com/external/default.html>
<https://www.cleco.com/storm-center>
<https://www.swepco.com/outages/>
<http://www.etrviewoutage.com/external/la.aspx>
<http://www.etrviewoutage.com/external/ms.aspx>
<https://www.progress-energy.com/app/outagemaps/carolinas.aspx>
<http://outages.lumberiver.com/>
<http://outages.horryelectric.com/>
<https://www.epb.net/outages/>
http://www.sceg.com/en/storm-center/outage-map/?WT.mc_id=Mktwl_ViewOutages
<http://stormcenter.santeecooper.com/default.html>
<https://www.progress-energy.com/app/outagemaps/carolinas.aspx>
<https://www.aeptexas.com/outages/>
<https://www.facebook.com/SWPCO>
<http://stormcenter.oncor.com/default.html>
<http://gis.centerpointenergy.com/outagetracker/index.html>
<https://www.dom.com/storm-center/dominion-electric-outage-map.jsp>
<https://www.facebook.com/SouthsideElectric>
<http://www.nbcnews.com/storyline/deep-freeze/ice-storm-leaves-500k-shivering-without-power-across-southeast-n29171>

Electricity

Update: PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey Ramps Up to 75 Percent by February 13

On the morning of February 12 the unit was operating at 49 percent, according to the Nuclear Regulatory Commission. PSE&G said on Wednesday it was ramping up unit 2 at its Hope Creek-Salem nuclear power plant in New Jersey after power was cut on Tuesday for repairs to fix a minor leak in a tube. The unit had been reduced to 49 percent power from full power by February 12, according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>

NRG Energy Announces 392 MW Ivanpah Solar Electric Generating System in California is Now Operational

NRG Energy, Inc. on Wednesday announced that the Ivanpah Solar Electric Generating System was now operational and delivering solar electricity to California customers. Ivanpah is a joint effort between NRG, Google, and BrightSource Energy. The project received a \$1.6 billion loan guarantee from the Department of Energy's Loan Programs Office. The facility achieved commercial operation on December 31, 2013. Ivanpah is the largest solar thermal power plant in the world. The solar energy harnessed from Ivanpah's units 1 and 3 are being sold to Pacific Gas & Electric under two long-term power purchase agreements, while the electricity from unit 2 is being sold to Southern California Edison under a similar contract.

<http://phx.corporate-ir.net/phoenix.zhtml?c=121544&p=irol-newsArticleNRG&ID=1899656>

Norfolk Southern Train Carrying Heavy Crude Oil and Propane Derails in Pennsylvania February 13

Norfolk Southern confirmed that a train carrying heavy crude oil and propane from Pittsburgh to Philadelphia derailed in Vandergrift, Pennsylvania, around 8:00 a.m. EST on February 13, according to multiple media reports. The 120-car train was mainly carrying heavy Canadian bitumen en route to NuStar Asphalt's 70,000 b/d Paulsboro, New Jersey, refinery. Twenty-one tank cars derailed, of which 19 carried heavy crude oil and two carried propane. Three of the tank cars that derailed were leaking crude oil but there was no fire or explosion. The area where the derailment occurred was being affected by the winter storm but officials say that conditions were "not bad" at the time of the crash.

<http://www.reuters.com/article/2014/02/13/energy-crude-derailment-idUSL2N0LI0ZE20140213>

<http://www.reuters.com/article/2014/02/13/train-derailment-nustar-idUSL2N0LI19820140213>

<http://www.trust.org/item/20140213170319-0n2jo>

<http://www.wpxi.com/news/news/breaking-news-train-derailment-vandergrift/ndM5K/>

<http://www.bizjournals.com/pittsburgh/news/2014/02/13/train-car-leaking-crude-oil-post-crash.html>

PBF Says It Will Only Use Safer Railcars for Crude Starting April 1

PBF Energy Inc. said on Thursday it will rely entirely on newer railcars to move Bakken crude oil starting on April 1. The newer cars will also be deployed around June to carry Canadian crude. Tesoro Corp. said last week it was replacing older railcars as well. The Railway Supply Institute, which represents tank car owners, has urged federal regulators to adopt safety standards already embraced in October 2011 by the Association of American Railroads. Under those standards tank railcars known as DOT-111s built after October 2011 should have thicker hulls and reinforced valves to better protect against punctures or leaks in derailments. PBF said that by July it expect to have two rail offloading projects completed with capacity to unload about 80,000 b/d of heavy crude, up from 40,000 b/d, and 120,000-130,000 b/d of light crude, up from about 105,000 b/d.

<http://www.reuters.com/article/2014/02/13/pbfenergy-results-rail-idUSL2N0LI16W20140213>

Tesoro Proposes 60,000 b/d Crude Oil Pipeline to Utah Refineries

Tesoro has proposed a 135-mile pipeline from the Uinta Basin to refineries in south Davis County and Salt Lake City, Utah. The pipeline would be 12 inches in diameter and travel through four south Davis cities. It's being designed to handle 60,000 b/d of waxy crude oil. Tesoro is in the early planning stages of the project and doesn't expect a final Environmental Impact Statement for another year, Tesoro's vice president of business development said.

http://www.davisclipper.com/view/full_story/24558261/article-Tesoro-proposes-crude-oil-pipeline-to-Davis-County-refineries?instance=secondary_stories_left_column

Natural Gas

NiSource Reports Explosion on Its Columbia Gulf Transmission's Line 200 Pipeline in Kentucky February 13

NiSource Inc. said it shut and isolated part of its 30-inch Columbia Gulf Transmission Line 200 pipeline following an explosion in Adair County, Kentucky, that injured two people. The blast early Thursday morning engulfed and destroyed homes and cars, authorities said. The fires resulting from the explosions have been contained and were being allowed to burn out, Adair County's Emergency Management Director said. In an online notice posted 7:30 AM EST, NiSource reported that there was currently no impact to commercial operations or shipper nominations on the Columbia Gulf pipeline system and no impact to the company's Columbia Gas Transmission pipeline, which receives gas from Columbia Gulf at the Kentucky/West Virginia border. The Columbia Gas system serves customers in the Midwest and Northeast.

<http://www.columbiapipelinegroup.com/en/about-us/news-room/pipeline-incident-update.aspx>

<http://www.columbiapipeinfo.com/infopost/>

<http://www.reuters.com/article/2014/02/13/usa-kentucky-explosion-idUSL2N0LI0JM20140213>

Update: Fire, Release Continues at Chevron Appalachia's Lanco 7H Well Pad in Pennsylvania February 12

At approximately 6:45 a.m. on Tuesday, a fire was reported on Chevron Appalachia's Lanco 7H well pad in Dunkard Township, Pennsylvania. As of 4:45 p.m. EST yesterday, one contractor employee remained unaccounted for and the fire was still burning from an uncontrolled well release. Chevron and Wild Well Control are on location and assessing the situation but could not speculate how long the fire may burn. Chevron's plans include efforts to control the well by shutting off the flow of natural gas and taking all appropriate procedures to protect the other wells on the pad. It is closely monitoring the status of the adjacent two wells and is developing contingency plans for those wells, if necessary.

<http://www.chevron.com/news/mediaresources/updates.news>

Enbridge Reports Transmitter Malfunction at Its Tilden Gas Plant in Texas February 11

Enbridge reported a transmitter malfunctioned on amine contactor causing the amine high pressure pump to shut down on low contactor pressure. The outlet emergency shutdown valve failed to shut down on pump shut down and sour gas migrated into residue pipeline. Plant personnel shut in the residual gas pipelines to stop flow of sour gas into the system. A temporary field flare was brought in to expedite the removal of contaminated gas from the system. Three lines were flared to remove contaminant. No additional gas was introduced to the facility until the residual lines were swept clear.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=194098>

Other News

Patriot Coal Reports Slurry Spill at Its Kanawha Eagle Prep Plant in West Virginia February 11

A pipeline at Patriot Coal's Kanawha Eagle Prep Plant near Winifrede, West Virginia, ruptured and released 108,000 gallons of coal slurry into Fields Creek, a tributary of the Kanawha River, February 11. West Virginia American Water officials do not anticipate the slurry spill will affect public drinking water but believe environmental impacts could be severe.

<http://www.timesunion.com/news/science/article/W-Va-coal-prep-plant-spills-slurry-into-creek-5224726.php>

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
February 13, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	100.27	97.84	97.53
NATURAL GAS Henry Hub \$/Million Btu	5.29	7.18	3.30

Source: Reuters

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 ET every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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

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