



# ENERGY ASSURANCE DAILY

Friday Evening, February 14, 2014

## Major Developments

### Update: Over 260,000 Customers Remain Without Power across Southeast U.S. February 14

As of 3:30 p.m. EST today, 262,925 customers were without power in the Southeast after a slow-moving winter storm moved across the region over the past two days. The majority of sustained outages are concentrated in Georgia, South Carolina, North Carolina, and Louisiana. Utilities in Georgia, North Carolina, and South Carolina, are reporting downed distribution lines as a result of ice toppling trees and branches. Restoration is ongoing and expected to be completed by Sunday or Monday in the most impacted areas. Georgia Power reported today that its crews are on track to restore 95 percent of Metro-Atlanta impacted customers by 6:00 p.m. tonight. Duke Energy in North Carolina and South Carolina estimates that the majority of impacted customers will be restored by late Sunday, February 16. South Carolina Electric & Gas (SCE&G) reported today crews have restored nearly a third of the affected customers since yesterday. Additional crews are arriving from Arkansas, North Carolina, Tennessee, Virginia, and West Virginia to aid in ongoing restoration efforts. The utility released county-by-county restoration estimates ranging from Saturday through late Monday evening.

Southeast Customer Power Outages			
February 14			
Electric Utility	State	Peak Reported	Latest Reported
Alabama Power	AL	32,200	0
Central Alabama Electric Cooperative	AL	1,555	0
Huntsville Utilities	AL	1,000	0
Georgia Power	GA	234,324	85,482
Jefferson Energy Cooperative	GA	26,869	12,591
Central Georgia Electric Member Corp.	GA	7,167	3,786
Amicalola Electric Member Corporation	GA	3,988	7
Greystone Power Corp.	GA	5,178	10
Southern Rivers Energy	GA	8,443	1,087
Habersham Electric Member Coop	GA	1,119	0
LG&E and KU Energy	KY	737	80
Kentucky Power	KY	4,655	121
AEP SWEPCO	LA	35,460	308
Central Louisiana Electric Company	LA	29,468	1,091
Entergy Louisiana	LA	9,915	244
Entergy Mississippi	MS	3,261	58
Duke Energy Progress	NC	84,969	28,587
Duke Energy Carolinas	NC	22,667	670
Energy United	NC	995	0
Lumbee River Electric Membership Corp.	NC	1,279	1
South Carolina Electric & Gas	SC	119,721	67,076
Duke Energy Progress	SC	88,509	42,190
Duke Energy Carolinas	SC	51,455	586
Santee Cooper	SC	31,376	2,501
Horry Electric Cooperative	SC	18,380	6,437
Chattanooga Electric Power Board (EPB)	TN	25,000	8,000
Knoxville Utilities Board	TN	1,142	13
AEP SWEPCO	TX	11,806	82
Oncor	TX	9,926	540
CenterPoint Energy	TX	952	387

Dominion Power	VA	2,179	958
Southside Electric Coop	VA	1,637	0
Appalachian Power	VA	708	32
<b>TOTAL*</b>		<b>878,040</b>	<b>262,925</b>

\*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:

<https://twitter.com/alabamapower/>  
<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.cgemc.com/>  
[http://www.greystonepower.com/Content/Storm\\_Center\\_Home.asp](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>  
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<http://stormcenter.santeecooper.com/default.html>  
<https://www.progress-energy.com/app/outagemaps/carolinas.aspx>  
[https://twitter.com/EPB\\_Chattanooga](https://twitter.com/EPB_Chattanooga)  
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<https://www.dom.com/storm-center/dominion-electric-outage-map.jsp>  
<https://www.facebook.com/SouthsideElectric>  
<http://outage.sec.coop:8181/>  
<http://www.nbcnews.com/storyline/deep-freeze/ice-storm-leaves-500k-shivering-without-power-across-southeast-n29171>  
<http://www.duke-energy.com/news/releases/2014021401s.asp>

## ***Electricity***

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### **Update: PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey at Full Power by February 14**

On the morning of February 13 the unit was operating at 75 percent, up from 49 percent on February 12, according to the Nuclear Regulatory Commission. PSE&G said on February 13 it was ramping up unit 2 at its Hope Creek-Salem nuclear power plant in New Jersey after power was cut on February 12 for repairs to fix a minor leak in a tube.

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

### **PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Reduced to 85 Percent by February 14**

On the morning of February 13 the unit was operating at 99 percent, according to the Nuclear Regulatory Commission.

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

### **Enterprise Can Take Additional Propane Shipments on Its TE Products Pipeline**

Enterprise Product Partners LP told shippers on Thursday it had space for additional propane shipments along its TE Products pipeline, a sign that a supply squeeze in the U.S. Northeast and Midwest was easing. Enterprise said it had space on the Gulf Coast-North East pipeline for cycle 4B with delivery dates along the pipeline for next week and the week after. Shippers had until 3:00 p.m. EDT to nominate additional volumes. Enterprise said “some shippers have elected not to participate” in nominating shipments for this cycle, indicating there was no longer a need to rush the heating fuel to the northern regions which have suffered weeks of freezing weather.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=42283](http://www.downstreamtoday.com/news/article.aspx?a_id=42283)

### **Update: Derailed Train in Pennsylvania Spilled 3,000-4,000 Gallons of Crude**

A 120-car Norfolk Southern Corp train carrying heavy Canadian crude oil derailed and spilled in Vandergrift, Pennsylvania, on Thursday. There were no reports of injury or fire after 21 tank cars came off the track. Nineteen of the derailed cars were carrying oil, four of which spilled between 3,000 and 4,000 gallons of oil, and two other derailed tank cars held liquefied petroleum gas, Norfolk Southern said. The leaks have since been plugged. The train, which originated in Chicago, was destined for an asphalt plant in Paulsboro, New Jersey, owned by NuStar. The clean-up was under way on Thursday as a heavy winter storm moved across the area.

[http://www.rigzone.com/news/oil\\_gas/a/131615/Train\\_Carrying\\_Canadian\\_Oil\\_Derails\\_Leaks\\_In\\_Pennsylvania#sthash.Mgj9NkFr.dpuf](http://www.rigzone.com/news/oil_gas/a/131615/Train_Carrying_Canadian_Oil_Derails_Leaks_In_Pennsylvania#sthash.Mgj9NkFr.dpuf)

### **Oil Spills Reported at Zavanna, LLC and Newfield Production Company Sites in North Dakota**

The North Dakota Department of Health stated that two oil spills were reported in the state, with one at a Zavanna, LLC well site near Williston where nearly 300 barrels of crude oil was released, and a second near at a Newfield Production Company site in Waterford City where about 35 barrels were released. Approximately 20 barrels of the Waterford City spill and 295 barrels of the Williston spill were recovered.

<http://www.newstimes.com/news/science/article/Officials-2-oil-spills-reported-in-western-ND-5229480.php>

### **California’s Interagency Working Group on Refinery Safety Releases Final Refinery Safety Report to Protect the Public and Employees**

California’s Interagency Working Group on Refinery Safety (Working Group) on Thursday released its final report outlining recommendations to improve public and worker safety at and near the state’s oil refineries. A task force has already begun overseeing implementation of many recommendations and will continue meeting regularly to ensure the report’s goals are met. The findings and recommendations were shaped by input from refinery workers, community members, industry leaders and local and state agencies, California Secretary for Environmental Protection said. The final report, “Improving Public and Worker Safety at Oil Refineries,” emphasizes the importance of providing more information to allow communities to better understand safety issues at local refineries. Additionally, the report places a greater emphasis on the importance of inherently safer system design and recommends a clearer hierarchy of safer operations to guide California’s regulatory approach. A draft report was previously issued in July.

<http://www.calepa.ca.gov/PressRoom/Releases/2014/RefineryFnl.pdf>

### **NuStar Completes Construction of Crude Oil Marine Loading Dock at it North Beach Terminal in Corpus Christi, Texas Ahead of Schedule**

NuStar Energy L.P. announced on Thursday that the company completed construction of a private marine loading dock at its North Beach Terminal in Corpus Christi, Texas, and had its first ship at the dock to be loaded with crude oil. Originally scheduled to be completed in the second quarter of this year, NuStar expedited the project in order to meet strong customer interest in using the dock to transport shipments of Eagle Ford crude oil by water. NuStar also completed major additions and upgrades to the terminal’s pump systems, which increased the North Beach terminal’s marine loading capacity to 400,000 b/d. The new dock project includes a series of 30-inch and 12-inch pipelines that move the crude oil from incoming pipelines or tanks within the terminal to the new dock, a state-of-the-art metering system, vapor control system, and a dock structure with three loading arms. The dock system is designed to load Panamax-class vessels, which carry between 350,000 and 500,000 barrels, at rates up to 30,000 barrels per hour.

<http://nustarenergy.com/en-us/Newsroom/Pages/Main.aspx>

## **Kinder Morgan's 100,000 b/d Double Eagle Condensate Pipeline in Texas Fully Operational February 13**

Kinder Morgan Energy Partners (KMP) said Thursday that its joint-venture Double Eagle condensate pipeline system is in full operation from the Eagle Ford Shale to Corpus Christi, Texas. The system is comprised of 195 miles of pipeline, KMP said. An 84-mile western leg is connected to four central gathering facilities and moves condensate from Gardendale, Texas, in LaSalle County through the Three Rivers truck unloading and storage facility in Live Oak County to Magellan Midstream Partners Corpus Christi Terminal, KMP said in a statement. The initial capacity of the pipeline is 100,000 barrels per day (bpd), but can be expanded to 150,000 bpd with additional pumps.

<http://www.marinelink.com/news/operational-pipeline364215.aspx>

## **Cenovus Energy Delays 35,000 b/d Expansion of Foster Creek Oil Sands Project in Alberta**

Cenovus Energy Inc. said on Thursday it will take longer than expected to bring its Foster Creek oil sands project in Alberta to its full production rate as the company delayed optimization work until after an expansion is completed. Cenovus had originally planned to optimize phases F, G, and H individually as soon as they were complete, which would have boosted output for the expansion project past its nameplate capacity of 90,000 b/d to 125,000 b/d. The company will now complete the three phases through 2016, and then spend another three years fine tuning all eight phases of the project.

<http://www.reuters.com/article/2014/02/13/cenovus-results-idUSL3N0LI47A20140213>

## ***Natural Gas***

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### **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 9:00 p.m. EST yesterday, the fire was an intermittent flame sourced by natural gas from the initial well. While progress was made responding to conditions at the well site, there is still one missing contractor. Chevron said it was continuing to work with local, state, and federal agencies and emergency response organizations.

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

### **Enbridge Reports AGI Trip at Its Tilden Gas Plant in Texas February 12**

Enbridge reported acid gas injector (AGI) no. 2 tripped due to fourth stage high suction temperature. Plant personnel found a malfunctioning cooler fan motor. The motor was replaced and the AGI restarted and stabilized.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=194183>

### **ExxonMobil Reports Flaring Due to Amine System Shutdown at Its 65 MMcf/d Dollarhide Gas Plant in Texas February 12**

ExxonMobil reported flaring fuel gas due to an amine system shut down caused by a leak in the amine stripper. Wells shut in to reduce and mitigate flaring. Maintenance crews were onsite making repairs to the amine stripper.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=194213>

## ***Other News***

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Nothing to report.

### Libya's Oil Production Falls to 450,000 b/d after Sabotage of Pipeline from Sharara Field

Libya's oil production fell to 450,000 b/d on Thursday, a significant decline from 600,000 b/d reported two days ago, after further pipeline sabotage. The decrease, announced by the National Oil Corporation (NOC), was due to the partial closure of a pipeline carrying oil from the Sharara field. NOC's spokesperson said the pipeline had been tampered with near Reyayana in the Jebel Nafusa but declined to give further details. Sharara oilfield manager said that the oil flow to the Zawia refinery and oil terminal from Sharara had been cut by 60 percent after the pipeline had been sabotaged.

<http://www.libyaherald.com/2014/02/13/oil-production-down-to-450000-barrels-per-day-after-pipeline-sabotage/#ixzz2tJNu7M40>

## Energy Prices

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U.S. Oil and Gas Prices			
February 14, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	99.48	99.88	97.44
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	5.32	5.88	3.29

Source: Reuters

## Links

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***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](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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