



# ENERGY ASSURANCE DAILY

Tuesday Evening, April 14, 2009

## Electricity

### Update: Fewer Than 100,000 Remain Without Power in Georgia and Alabama as Storms Knock Out Electricity to nearly 90,000 Customers in Florida April 14

Storms cut power to nearly 90,000 customers in Florida on April 14, about one day after severe weather knocked out electricity to about 500,000 customers in Alabama and Georgia, based on multiple reports. Alabama Power and Georgia Power, the two hardest-hit utilities, said they had restored service to most affected customers by this afternoon. Alabama Power said it hoped to restore electricity to most others by this evening. The following table lists peak and current outage figures, based on latest available data.

U.S. Southeast Customer Power Outages			
April 12-14, 2009			
Electric Utility	State	Peak	Latest Reported
Georgia Power	GA	250,000	29,000
Georgia EMC	GA	41,000	68
North Georgia EMC	GA	20,000	0
Alabama Power	AL	165,727	54,492
North Alabama Electric Cooperative	AL	12,000	12,000
Huntsville Utilities	AL	12,000	1,500
Scottsboro Electric Power Board	AL	6,500	3,500
JEA	FL	48,000	10,663
Progress Energy	FL	41,000	15,879
<b>TOTAL*</b>		<b>596,227</b>	<b>127,102</b>

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

Sources:

Progress Energy: <http://www.progress-energy.com/shared/outages/fla/default.aspx>

JEA: <http://externalapps.jea.com/currentoutages/CurrentOutages.asp>

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/2009/04/28845\\_still\\_without\\_power\\_in\\_b.html](http://blog.al.com/spotnews/2009/04/28845_still_without_power_in_b.html)

<http://www.google.com/hostednews/ap/article/ALeqM5jW-BndswWuhgPAPXOK4Q6TCQsANQD97IBFF80>

<http://www.reuters.com/article/marketsNews/idUSN1442606120090414>

<http://www.ngemc.com/stormupdates.htm>

<http://www.thedailysentinel.com/story.lasso?ewcd=5906e9c1c9a81905>

<http://www.thedailysentinel.com/story.lasso?ewcd=c1c73835859ff452>

<http://www.msnbc.msn.com/id/30208912/>

[http://www.kdwn.com/index.php?page=2&section=BREAKING\\_NEWS&title=Another band of storms crosses s oggy South&sid=s4oh5pjmoe63gqmvfs72k7ial5hlgrn8](http://www.kdwn.com/index.php?page=2&section=BREAKING_NEWS&title=Another+band+of+storms+crosses+South+oggy)

<http://www.ledger-enquirer.com/251/story/685193.html>

<http://www.cbsatlanta.com/news/19173732/detail.html>

[http://blog.al.com/spotnews/2009/04/34570\\_remain\\_without\\_power.html](http://blog.al.com/spotnews/2009/04/34570_remain_without_power.html)

[http://www.wjbf.com/jbf/news/state\\_regional/georgia/article/nearly\\_30000\\_customers\\_still\\_without\\_power\\_in\\_georgia/12643/](http://www.wjbf.com/jbf/news/state_regional/georgia/article/nearly_30000_customers_still_without_power_in_georgia/12643/)

<http://www.news4jax.com/weather/19175149/detail.html>

Reuters, 10:49 April 14, 2009

### Calpine's 593 MW Metcalf Energy Center Gas-fired Unit in California Shut by April 13

According to the California Independent System Operator, the unit experienced an unplanned outage by April 13.

<http://www.caiso.com/unitstatus/data/unitstatus200904131515.html>

### **AES's 493 MW Redondo Gas-fired Unit 7 in California Shut by April 13**

According to the California Independent System Operator, the unit experienced an unplanned outage by April 13.  
<http://www.caiso.com/unitstatus/data/unitstatus200904131515.html>

### **AES's 175 MW Redondo Gas-fired Unit 6 in California Reduced by April 13**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 125 MW by April 13.  
<http://www.caiso.com/unitstatus/data/unitstatus200904131515.html>

### **OPG's 490 MW Nanticoke Coal-fired Unit 5 in Ontario Shut by April 14**

Reuters, 11:12 April 14, 2009

### **TransAlta's 279 MW Wabamun Coal-fired Power Plant in Alberta Shut April 13**

Bloomberg News, 08:19 April 14, 2009

### **NRC Says it Does not Have Authority to Bar Imports of Radioactive Waste**

The Nuclear Regulatory Commission (NRC) said it could not prevent companies from importing foreign-sourced radioactive waste, an apparent setback to federal lawmakers who had sought to block a Utah company from storing Italian waste. The company, EnergySolutions, is seeking approval to import as much as 20,000 tons of low-level radioactive waste from Italy. It plans to process the waste, and then store approximately 1,600 tons at its facility in Utah. After Utah's governor spoke out against the plans, EnergySolutions filed in federal court for permission to proceed. The NRC did not give an opinion on the pending court case; it said Utah would be responsible for regulating the facility.

<http://www.google.com/hostednews/ap/article/ALeqM5iiYK72FsWLTHyHNqTsiRWTZ1Vx7AD97HQKBO0>

## ***Petroleum***

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### **Valero Reports Power Disruption at 199,500 b/d Texas City, Texas Refinery April 13-14**

Valero said the disruption was brief, and did not materially affect production. A news source indicated that the refinery was returning to normal rates. The incident triggered flaring, according to a filing with state regulators.

<http://www.reuters.com/article/rbssEnergyNews/idUSN1441421520090414>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122702>

Reuters, 08:34 April 14, 2009

Bloomberg News, 18:47 April 13, 2009

### **Update: After Weekend Power Disruption, Citgo Resumes Normal Operations at 156,000 b/d Corpus Christi, Texas Refinery**

A weekend power failure forced shut Corpus Christi's entire west plant. Citgo returned the refinery to normal operations by this morning, a company official confirmed.

DJN, 11:21 April 14, 2009

Reuters, 08:58 April 14, 2009

Reuters, 16:24 April 13, 2009

### **Inter Pipeline Fund Plans 30,000 b/d Expansion of Bow River Oil Pipeline System in Alberta, Canada**

The line would deliver 30,000 b/d of oil southbound, from the Hardisty oil storage and marketing hub in Alberta to the U.S. border with Montana. The existing Bow River system includes both north-and-southbound pipelines. The northbound track delivers oil from southern Alberta to the Hardisty hub. The southbound route runs from the Hardisty hub to the Montana, U. S. border. The expansion would create a distinct, 30,000 b/d southbound line for crude oil grades sourced at the Hardisty hub. That, in turn, would give Montana refining customers access to multiple grades of oil without product commingling. The company expects to open the line in the first quarter of 2010.

[http://www.interpipelinefund.com/news\\_releases/2009/04\\_14\\_09.html](http://www.interpipelinefund.com/news_releases/2009/04_14_09.html)

## **Update: Workers Extinguish Fire, but Flowstations Remain Shut to Shell's Trans-Niger Oil Pipeline in Nigeria April 14**

Workers extinguished a fire at the Bomu manifold on April 13, one day after the blaze forced shut flowstations feeding Shell's Trans-Niger oil pipeline in Nigeria, a company spokesman confirmed. The spokesman did not provide specific shut-in figures, or offer any timetable for restoration. He said the company was investigating the incident. Liftings at the associated Shell-operated Bonny oil terminal were already under force majeure due to earlier attacks.

<http://www.reuters.com/article/rbssEnergyNews/idUSLE27204120090414>

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## **Natural Gas**

### **U.S. Commerce Department Rejects Appeal of Planned Broadwater LNG Terminal Offshore New York/Connecticut**

The Secretary of Commerce rejected Broadwater Energy's appeal to overturn the state's rejection of its planned LNG terminal in the Long Island Sound, saying that the proposed facility's "adverse coastal impacts outweighed its national interest." Broadwater—a joint venture of Shell Oil and TransCanada Pipelines—can appeal the decision in court. The terminal, if built, would provide about 1 billion cubic meters of natural gas/day.

[http://www2.timesreview.com/NR/stories/WEB041309\\_Broadwater\\_den](http://www2.timesreview.com/NR/stories/WEB041309_Broadwater_den)

[http://www.nydailynews.com/news/2009/04/14/2009-04-14\\_feds\\_nix\\_plan\\_for\\_li\\_sound\\_gas\\_terminal.html](http://www.nydailynews.com/news/2009/04/14/2009-04-14_feds_nix_plan_for_li_sound_gas_terminal.html)

<http://www.newsday.com/news/local/wire/newyork/ny-bc-ny--lngterminal0413apr13.0.6571123.story>

### **Monroe Gas Storage to Launch Binding Open Season for up to 1.0 Bcf of Natural Gas Storage Capacity at Planned Facility in Mississippi**

The facility, currently under construction, will offer maximum injection capability of 445 MMcf/d and a maximum withdrawal capability of 465 MMcf/d. It will have dual interconnections to Texas Eastern Transmission Company's and Tennessee Gas Pipeline's natural gas pipelines. The binding open season will run from April 15, 2009 to April 28, 2009.

[http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind\\_focus.story&STORY=/www/story/04-14-2009/0005005382&EDATE=](http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/04-14-2009/0005005382&EDATE=)

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## **Other News**

### **NASEO 2009 Summer Energy Outlook Conference**

On April 14, the 2009 Summer Energy Outlook Conference was held in Washington, D.C., co-sponsored by the Energy Information Administration (EIA), the U.S. Department of Energy's Office of Electricity Delivery and Energy Reliability (OE), and the National Association of State Energy Officials (NASEO). At the conference, energy industry and government experts discussed the fuel outlook for the summer driving season; prices and supplies, and emerging technologies such as biofuels and smart grid systems.

- Alice Lippert of OE briefed the conference on the responsibilities of OE and discussed the roles of the various stakeholders in preparedness, response and recovery activities before, during and after energy supply disruptions.
- Ed Morse, with Louis Capital Markets, talked about the cyclical nature of the global oil market. He also discussed the growing role of national oil companies in global oil markets and highlighted the drastic decrease in development in Canadian oil sands projects.
- Howard Gruenspecht, the acting Administrator of EIA, briefed the conference on the most recent EIA Short-term Energy and Summer Fuel Outlook released on April 14. The report is available online: <http://www.eia.doe.gov/emeu/steo/pub/contents.html>.
- Ron Edelstein, of the Gas Technology Institute (GTI), provided both a long-term and short-term outlook of the role of natural gas in the United States. GTI forecasts increased supply of shale and other unconventional natural gas for the U.S. over the next 120 years, based on technological developments.
- Bob Dinneen, of the Renewable Fuels Association, spoke about the turmoil within the ethanol market over the past year, highlighted the increased role that cellulosic ethanol will play in meeting the 2007 federally mandated Renewable Fuel Standard, and touched on the possibility of a major interstate ethanol pipeline.
- Katherine Hamilton, of The Gridwise Alliance spoke about the various companies and organizations participating in the smart grid coalition. She, highlighted the legislative, policy and implementation work the group is engaged in to help implement the smart grid.

All of the presentations will be available on the NASEO website (<http://www.naseo.org/index.html>) by the end of this week

## U.S. Ethanol Production Growth to “Slow Dramatically in 2009,” EIA Says

Growth in U.S. ethanol production capacity will “slow dramatically in 2009,” as lagging gasoline prices and poor credit conditions discourage blending and construction plans, according to the Energy Information Administration (EIA). U.S. ethanol output rose about 60 percent last year, thanks largely to government incentives and alternative-fuels mandates.

<http://in.reuters.com/article/oilRpt/idINN1430608420090414>

## Energy Prices

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U.S. Oil and Gas Prices			
April 14, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	49.93	49.83	111.10
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.46	3.74	10.07

Source: Reuters

## Energy Notes

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### Update: For Fourth Time, Kansas Governor Vetoes Bill that Would Enable Sunflower Electric Power to Build 1,400 MW Coal-fired Power Plant

[http://www.kansascity.com/news/breaking\\_news/story/1140243.html](http://www.kansascity.com/news/breaking_news/story/1140243.html)

### PG&E Seeks Regulatory Okay to Buy 200 MW of Solar Power from Outer Space—Solaren Corp. Plans to Beam Solar Power from Satellites to a Station in California

Bloomberg News, 18:48 April 13, 2009

### NRC Says PG&E’s 2,323 MW Diablo Canyon Nuclear Power Plant Could Withstand Effects of Possible New Fault Line Offshore California

<http://www.nrc.gov/reading-rm/doc-collections/news/2009/09-071.html>

### Alon Reports SRU Flaring at 67,000 b/d Big Spring, Texas Refinery April 13

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=122705>

Bloomberg News, 21:16 April 14, 2009

### Update: Gasoline Demand to Increase 0.6 Percent, Year-on-Year, Average 9.01 Million b/d, in 2009—EIA

Bloomberg News, 11:33 April 14, 2009

### U.S. LNG Imports to Jump 36 Percent, Year-on-Year, from 352 Bcf in 2008 to 480 Bcf in 2009—EIA Forecast

Reuters, 09:43 April 14, 2009

### Update: State of Alaska Rejects Exxon Mobil’s Request to Retrieve Lost Leases at Point Thomson Oil-and-Gas Development—Company Continues Efforts to Recover Drilling Rights

<http://online.wsj.com/article/BT-CO-20090413-706793.html>

**PSE&G Plans to Expand Gas Mains and Gas Service Lines in Wyckoff, New Jersey before end of July 2009**

<http://www.istockanalyst.com/article/viewiStockNews/articleid/3192169>

**Alterra Energy Services Plans to Begin Production Next Year at 9 MMGal/Yr. Biodiesel Plant in Rhode Island—Company Expects to Increase Output to 25 MMGal/Yr. by 2013**

[http://www.projo.com/business/content/BZ\\_QUONSET\\_BIODIESEL\\_04-14-09\\_NSD9A7F\\_v59.2e173a9.html](http://www.projo.com/business/content/BZ_QUONSET_BIODIESEL_04-14-09_NSD9A7F_v59.2e173a9.html)

**DOE Works alongside Alaska O&G Producers to Test Production Viability of Methane Hydrate Reserves in North Slope, Alaska and Arctic**

[http://www.rigzone.com/news/article.asp?a\\_id=75013](http://www.rigzone.com/news/article.asp?a_id=75013)

**Brief Compressor Shutdown at Amerada Hess Seminole Gas Processing Plant in Texas April 13**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122660>

**Compressor Shutdown at Welch CO2 Gas Processing Facility in Texas April 13**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122687>

**Harsh Weather Cuts Iraqi Basra Oil Exports from 1.416 Million b/d on April 13 to 1 Million b/d on April 14—Shipper**

Reuters, 06:20 April 14, 2009

**Fire aboard Undelivered 63,000 b/d FPSO to Delay Production at Apache's Van Gogh Oil Development Offshore Australia—Apache to Release Revised Schedule for First Production**

<http://investor.apachecorp.com/releasedetail.cfm?ReleaseID=376996>

<http://www.reuters.com/article/marketsNews/idUSN1442092920090414>

**Eni, Calik Enerji Plan to Break Ground in Second Quarter of 2010 on Oil Pipeline from Turkey's Unye Port on Black Sea to Ceyhan, Turkey Oil Hub**

<http://www.platts.com/Oil/News/8488166.xml?p=Oil/News&sub=Oil>

## **Links**

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***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](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.

***Natural Gas Weekly Update*** from EIA

<http://tonto.eia.doe.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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