



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

# ENERGY ASSURANCE DAILY

Thursday Evening, July 10, 2014

## Major Developments

### Update: Over 41,000 Customers Remain Without Power in Mid-Atlantic, Northeast, Quebec July 10 Following Strong Storms July 8

Restoration efforts continued Thursday after severe thunderstorms with high winds, lightning, and intense rain moved through Pennsylvania, West Virginia, Virginia, Maryland, Washington D.C., New Jersey, New York, Vermont, and into Quebec, Canada Tuesday evening knocking out power to 1,089,200 customers. Dominion Virginia reported a second line of storms Wednesday evening caused an addition 16,000 outages. As of 3:30 p.m. EDT today, 41,060 customers remained without power. PECO, the hardest hit utility, said it had restored power to 98 percent of affected customers and the remaining should have power restored by Friday. PPL said most customers should have power restored by tonight but the company was also working on new outages from storms on Wednesday. Met-ED said the majority of affected customers in the Lebanon, York, Hanover, Gettysburg, and Dillsburg areas were expected to be restored by 6:00 p.m. local time Friday, with isolated cases later that evening. NYSEG anticipates restoring all Ithaca-area outages by midnight tonight.

Mid-Atlantic and Northeast Customer Power Outages			
July 10, 2014			
Electric Utility	State	Peak	Latest Reported
Potomac Edison	MD	96,000	5,127
Baltimore Gas and Electric (BGE)	MD	75,000	973
Pepco	MD/DC	35,000	79
Jersey Central Power and Light	NJ	40,000	44
Public Service Electric and Gas (PSE&G)	NJ	39,000	763
Atlantic City Electric	NJ	15,000	54
NYSEG	NY	57,000	417
National Grid	NY	56,000	5,165
Rochester Gas & Electric	NY	27,000	474
PECO	PA	260,000	9,428
PPL Electric	PA	75,000	1,986
Met-Ed	PA	69,000	3,570
Dominion Virginia Power	VA	40,000	932
Green Mountain Power	VT	41,000	29
Mon Power	WV	71,000	10,771
Hydro Quebec	Quebec, Canada	93,200	1,248
<b>TOTAL*</b>		<b>1,089,200</b>	<b>41,060</b>

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

Sources:

<https://www.peco.com/CustomerService/OutageCenter/StormCenter/Pages/default.aspx>

<https://www.peco.com/CustomerService/OutageCenter/OutageMap/Pages/OutageMap.aspx>

<http://outages.firstenergycorp.com/mdwv.html>

[https://twitter.com/Met\\_Ed](https://twitter.com/Met_Ed)

<http://outages.firstenergycorp.com/nj.html>

[https://www.firstenergycorp.com/content/fecorp/newsroom/news\\_releases/media-advisory---met-ed-summer-storm-update.html](https://www.firstenergycorp.com/content/fecorp/newsroom/news_releases/media-advisory---met-ed-summer-storm-update.html)

[https://www.firstenergycorp.com/content/fecorp/newsroom/news\\_releases/media-advisory---potomac-edison-summer-storm-update.html](https://www.firstenergycorp.com/content/fecorp/newsroom/news_releases/media-advisory---potomac-edison-summer-storm-update.html)

<https://twitter.com/PSEGnews>

<http://www.pseg.com/info/media/newsreleases/2014/2014-07-09.jsp#.U71tJvldUSk>

<https://www1.nationalgridus.com/PowerOutageMap>  
<https://twitter.com/PPLElectric>  
<https://www.pplelectric.com/my-account/outage-center/outage-map.aspx>  
<http://outagemap.bge.com/>  
<https://www.atlanticcityelectric.com/pages/connectwithus/outages/outagemaps.aspx>  
<http://www.nyseg.com/Outages/outageinformation.html>  
<http://www.nyseg.com/OurCompany/News/2014/071014ithacastorm10am.html>  
<http://www.pepco.com/pages/connectwithus/outages/outagemaps.aspx>  
<http://www.rge.com/Outages/outageinformation.html>  
[http://www.rge.com/OurCompany/News/2014/070914july8storm\\_8am.html](http://www.rge.com/OurCompany/News/2014/070914july8storm_8am.html)  
<https://twitter.com/hydroquebec>  
<http://www.hydroquebec.com/poweroutages/service-interruption-report/>  
<https://www.dom.com/storm-center/dominion-electric-outage-summary.jsp>  
<http://hamptonroads.com/2014/07/thousands-without-power-after-storm-hampton-roads>  
<https://twitter.com/GreenMtnPower>  
<https://wss.greenmountainpower.com/customers/outages/>

## ***Electricity***

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### **Update: NRC Investigating Valves in Cooling System at Exelon's 619 MW Oyster Creek Nuclear Unit in New Jersey**

Inspectors from the U.S. Nuclear Regulatory Commission (NRC) were on site at the Oyster Creek nuclear unit to examine five valves involved in the nuclear plant's cooling system. The plant shut down on Monday night for maintenance of safety equipment that operates valves located inside the drywell. On the morning of July 7 the unit was operating at full power.

<http://barnegat-manahawkin.patch.com/groups/business-news/p/valves-in-oyster-creek-cooling-system-under-scrutiny-by-nrc78528>

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

<http://finance.yahoo.com/news/exelon-shuts-jersey-614-mw-040807450.html>

### **Constellation's 835 MW Calvert Cliffs Nuclear Unit 2 in Maryland Reduced to 85 Percent by July 10**

On the morning of July 9 the unit was operating at full power.

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

### **Update: Southern's 1,149 MW Vogtle Nuclear Unit 2 in Georgia at Full Power by July 10**

On the morning of July 9 the unit was operating at 91 percent. The unit was reduced to 90 percent from full power by July 1.

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

## ***Petroleum***

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### **Update: Power Restored at Buckeye's Pennsylvania Station, Laurel Line July 9**

Buckeye Partners LP said power had been restored to its Boothwyn, Pennsylvania station Wednesday and estimated that the L724 (Laurel pipe line) and receipts into Boothwyn station would be running within the next 2 to 3 hours. Reuters, 16:25 July 9, 2014

### **CVR Reports Excess Emissions, Unspecified Shutdown at Its 70,000 b/d Wynnewood, Oklahoma Refinery July 2**

CVR Energy Inc. reported sulfur dioxide excess emission due to a shutdown on July 2 at its Wynnewood refinery. Opacity from the fluid catalytic cracking unit (FCCU) regenerator was reported on July 4 and 5 due to unknown reasons, according to a filing with the Oklahoma Department of Environmental Quality. Reuters, 12:05 July 10, 2014

## **HollyFrontier Reports Excess Hydrogen Sulfide Emissions at Its 85,000 b/d Tulsa West, Oklahoma Refinery July 2**

HollyFrontier Corp. reported excess emissions of hydrogen sulfide at its Tulsa West refinery, Oklahoma on July 2, according to a filing with the Oklahoma Department of Environmental Quality.  
Reuters, 11:56 July 10, 2014

## **Shell Reports Process Unit Upset at Its 327,000 b/d Deer Park, Texas Refinery July 9**

Royal Dutch Shell on Wednesday reported a process unit upset at its Deer Park, Texas, refinery, according to a community line.  
Reuters, 20:41 July 9, 2014

## **Aero's Pipeline Leaks 24,000 Barrels of Saltwater in North Dakota**

Around 24,000 barrels of saltwater leaked from an underground Aero Pipeline LLC pipeline, near Bear Den Bay, a tributary of Lake Sakakawea, according the chairman of the Three Affiliated Tribes. The Missouri River reservoir provides water to communities on the Fort Berthold Indian Reservation, occupied by the Mandan, Hidatsa, and Arikara tribes in the heart of western North Dakota's booming oil patch. Tribal and company officials said the leak was isolated and drinking water was unaffected. It wasn't known how much of the saltwater spilled into the bay. The saltwater is an unwanted byproduct of oil and natural gas production, is 10 to 30 times saltier than seawater, and is considered an environmental hazard by the state. The vice president of environmental safety and regulatory at Crestwood Midstream Services Inc., whose subsidiary Aero Pipeline LLC owns the pipeline, said the leak likely started over the holiday weekend but was not discovered until Tuesday. The pipeline is not equipped with a system that sends an alert when there is a leak and the spill was only discovered when the company was going through production loss reports. Cleanup efforts were underway Wednesday afternoon. An investigator with the federal Environmental Protection Agency arrived on the site Wednesday afternoon.

<http://www.foxnews.com/us/2014/07/10/1-million-gallons-saltwater-leaks-from-north-dakota-pipeline/>  
[http://www.twincities.com/nation/ci\\_26123023/north-dakota-oil-patch-saltwater-pipeline-spill-contained](http://www.twincities.com/nation/ci_26123023/north-dakota-oil-patch-saltwater-pipeline-spill-contained)

## **Inter Pipeline Announces 95,000 b/d Expansion of Mid-Saskatchewan Pipeline System**

Inter Pipeline Ltd. on Wednesday announced the execution of binding commercial agreements supporting a \$100 million expansion of its Mid-Saskatchewan pipeline system. Five oil producers have entered into ship or pay contracts to backstop the project with terms ranging from 4 to 10 years. Throughput volumes have doubled to over 70,000 b/d over the last two years with much of the Mid-Saskatchewan system operating at or near full capacity. The expansion program will involve the construction of over 31 miles of new mainline pipe, 25 miles of new pipeline laterals, and associated pumping and metering facilities. Once the new pipelines are in service, approximately 95,000 b/d of new capacity will be added to the system to handle oil volumes from the new battery connections and provide capacity for future third party connections. Inter Pipeline expects the new mainlines in aggregate to initially operate at less than 50 percent capacity, with utilization rising over time as area production increases. Inter Pipeline expects the expansion to enter commercial service in phases beginning in late 2014 with the project fully completed by the second quarter of 2015.

<http://www.interpipeline.com/news/news-releases.cfm?newsReleaseAction=view&releaseId=185>

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## ***Natural Gas***

### **ExxonMobil Reports WAUK Shut at Its 65 MMcf/d Dollarhide Gas Plant in Texas July 8**

ExxonMobil Reported the WAUK-3 shut on lost comp throw #4 knock vibration sensor. Operations shut in all flowing wells to reduce and mitigate flaring.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=200793>

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## ***Other News***

Nothing to report.

### Update: Libya's Oil Output Rises to 350,000 b/d after El Sharara Oilfield Returns to Work

Libya's oil output has risen to 350,000 b/d due to the southern El Sharara field ramping up production, a spokesman for National Oil Corp (NOC) said on Thursday. El Sharara, where a protest ended earlier this month, was pumping at a rate of 90,000 b/d late on Wednesday, with output expected to rise further on Thursday, the NOC spokesman said.

Reuters, 9:23 July 10, 2014

## Energy Prices

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U.S. Oil and Gas Prices			
July 10, 2014			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	102.99	104.47	105.73
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.15	4.39	3.69

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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