



# ENERGY ASSURANCE DAILY

Wednesday, April 18, 2007

## Major Developments

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### **Update: California Power Grid Unaffected by Bomb Threat, Computer Tampering at California ISO Headquarters**

#### **FBI Takes Suspect into Custody, Reportedly a Disgruntled Contractor**

The FBI has taken a suspect into custody that they believe is involved in a bomb threat that resulted in the six-hour evacuation of the California Independent System Operator (CASIO) headquarters in Folsom, California on Monday. The suspect is also believed to be responsible for intentionally cutting power to five of CASIO's computer systems that are used to buy and sell electricity in real-time. The power loss began around midnight Sunday and continued into early morning hours of Monday. Despite the evacuation and computer tampering, California's electricity grid operations continued uninterrupted as control was switched temporarily to CASIO's back-up center in Southern California. Investigators found no bomb in the Folsom facility. Although the incident is being investigated as possible terrorist activity, the Los Angeles Times reports sources saying that the suspect is a disgruntled employee of a contractor working with CASIO.

[http://pro.energycentral.com/professional/news/power/news\\_article.cfm?id=8143686](http://pro.energycentral.com/professional/news/power/news_article.cfm?id=8143686)

[http://uaelp.pennnet.com/news/display\\_news\\_story.cfm?Section=WireNews&Category=HOME&NewsID=147381](http://uaelp.pennnet.com/news/display_news_story.cfm?Section=WireNews&Category=HOME&NewsID=147381)

[http://www.montereyherald.com/mlid/montereyherald/news/state/17095742.htm?source=rss&channel=montereyherald\\_stat](http://www.montereyherald.com/mlid/montereyherald/news/state/17095742.htm?source=rss&channel=montereyherald_stat)

### **Update: Enbridge Sees Midday April 18 Restart of 490,000 b/d Crude Oil Pipeline to U.S. Midwest**

#### **Pipeline Continues Running at 40 Percent of Capacity South of Leak**

According to an Enbridge representative, the company's 490,000 b/d Line 3 that pumps Alberta crude oil to the U.S. Midwest could be restarted by midday Wednesday. The pipeline was shut Sunday when a leak was detected downstream of the Glenavon pumping station in Saskatchewan. Despite the shutdown, Enbridge was able to maintain flows at 40 percent of normal capacity by pumping crude oil into the line from its Cromer, Manitoba terminal, which is downstream of the rupture. Enbridge's pipeline systems can carry about 2.2 million b/d of crude oil from Alberta to the U.S. Midwest.

Enbridge Pipeline Map: <http://library.enbridge.com/images/maps/liquidsPipelines.pdf>

<http://www.theglobeandmail.com/servlet/story/RTGAM.20070417.wpipeline0417/BNSStory/Business/home>

Oil Daily, April 18, 2007

### **Update: About 145,000 Customers Remain Without Power on East Coast April 18**

According to the latest reports from electric utility websites and local media as of 3:00 p.m. EST, about 145,000 customers are without power from Quebec to South Carolina after severe wind storms swept across the East Coast April 15-16. Strong winds continued in some areas yesterday and today adding to the outages. Altogether, utilities have reported that more than 2 million customers have been affected by power outages since April 15. The States with the largest remaining outages are Maine and North Carolina. Maine's hardest hit utility, Central Maine Power (CMP), has found more than 250 broken utility poles in its service territory. CMP continues to caution that the restoration work may extend to the end of the week in some coastal communities. The company expected as many as 60 additional outside crews will join the growing restoration workforce by mid-day today. In North Carolina the two hardest hit utilities, Duke Energy and Progress Energy, were still struggling to restore power to customers mostly in more remote or heavily damaged areas in the western part of the State. Both Duke and Progress expect to restore electricity to the majority of customers by the end of Thursday, April 19. The table on the next page lists the latest reported power outages by company and state.

<b>East Coast Customer Power Outages</b>			
April 15-18, 2007			
<b>Electric Company</b>	<b>State</b>	<b>Total Customers Affected</b>	<b>Latest Reported Without Power</b>
Connecticut Power & Light	Connecticut	32,000	2,528
Central Maine Power	Maine	127,585	48,000
Bangor Hydro	Maine	3,300	988
NSTAR	Massachusetts	52,000	(N/A)
National Grid	Massachusetts	22,000	2,082
Public Service of New Hampshire	New Hampshire	43,000	9,000
United Illuminating Co.	New Hampshire	21,500	0
New Hampshire Electric Cooperative	New Hampshire	35,000	8,000
National Grid	New Hampshire	5,200	876
National Grid	Rhode Island	21,000	420
Central Vermont Public Service	Vermont	50,000	14,000
<b>New England Subtotal</b>		<b>412,585</b>	<b>85,894</b>
Public Service Electric & Gas	New Jersey	110,000	2,700
Jersey Central Power & Light	New Jersey	4,000	(SO)
Atlantic City Electric	New Jersey	4,361	48
National Grid	New York	32,884	(N/A)
New York State Electric and Gas	New York	36,000	49
Consolidated Edison	New York	3,400	2,000
Long Island Power Authority	New York	4,500	41
PECO Energy	Pennsylvania	80,000	(SO)
PPL	Pennsylvania	77,100	(SO)
Met-Ed	Pennsylvania	13,000	(N/A)
Claverack Rural Electric	Pennsylvania	6,000	275
<b>Mid-Atlantic Subtotal</b>		<b>371,245</b>	<b>5,113</b>
Delmarva Power	Delaware	17,000	1,096
Pepco	District of Columbia	4,470	0
JEA	Florida	23,000	0
Florida Power & Light	Florida	36,070	0
Progress Energy	Florida	5,800	0
City of Tallahassee	Florida	10,000	0
Georgia Power	Georgia	21,000	(N/A)
Jackson Electric Membership Corp.	Georgia	8,000	0
Pepco	Maryland	21,421	160
Baltimore Gas & Electric	Maryland	134,000	(SO)
Delmarva Power	Maryland	2,462	0
Duke Energy	North Carolina	217,500	26,336
Progress Energy	North Carolina	200,000	8,200
North Carolina's Electric Cooperatives	North Carolina	50,000	(N/A)
Duke Energy	South Carolina	40,000	269
Dominion Virginia Power	Virginia	190,000	1,032
Appalachian Power	Virginia	50,000	11,580
<b>South Atlantic Subtotal</b>		<b>1,030,723</b>	<b>48,673</b>
Hydro One	Ontario, Canada	28,000	0
Hydro-Quebec	Quebec, Canada	160,000	5,000
<b>Canada Subtotal</b>		<b>188,000</b>	<b>5,000</b>
<b>TOTAL*</b>		<b>2,002,553</b>	<b>144,680</b>

(SO) = scattered outages reported

(N/A) = no new information available since this table was last issued (possibly full restoration)

\* Due to a large number of service providers, including investor owned utilities and cooperatives, the number of customer outages reported may not be comprehensive. "Total Customers Affected" indicates the number of customers who experienced power outages at some point during the storm. In some cases this number is the same as the reported "peak" but occasionally it is higher. When "Total Customers Affected" is not available, the highest known "peak" is used for this column.

**Sources:**

New England:

- <http://www.cl-p.com/stormcenter/outage.aspx>
- [http://www.cmpco.com/news/archives/press\\_releases/2007/070418.html](http://www.cmpco.com/news/archives/press_releases/2007/070418.html)
- <http://www.bhe.com/about/outages.cfm#>
- <http://www.psnh.com/aboutpsnh/mediacenter/stormupdates.asp>
- [http://www.uinet.com/customer\\_service/outageList.asp](http://www.uinet.com/customer_service/outageList.asp)
- <http://www.nationalgridus.com/masselectric/storm/storm.asp>
- <http://www.nationalgridus.com/narragansett/storm/storm.asp>

<http://www.nationalgridus.com/granitestate/storm/storm.asp>  
[http://www.nhec.com/news\\_archive.php?n=26](http://www.nhec.com/news_archive.php?n=26)  
<http://www.rutlandherald.com/apps/pbcs.dll/article?AID=/20070418/NEWS/70418003/1002>  
[http://www.pottsmmerc.com/site/news.cfm?newsid=18222168&BRD=1674&PAG=461&dept\\_id=18041&rfti=6](http://www.pottsmmerc.com/site/news.cfm?newsid=18222168&BRD=1674&PAG=461&dept_id=18041&rfti=6)

Mid-Atlantic:

<http://www.coned.com/newsroom/news/pr20070417.asp>  
<http://www.lipower.org/stormcenter/outages/township.html>  
[http://www.firstenergycorp.com/outages/outages.do?state\\_code=NJ](http://www.firstenergycorp.com/outages/outages.do?state_code=NJ)  
<http://www.atlanticcityelectric.com/home/emergency/maps/outage/>  
<https://www1.nationalgridus.com/niagaramohawk/storm/OutagesByCounty.aspx>  
<http://www.nyseg.com/nysegweb/webcontent.nsf/company/News141751>  
<http://www.theithacajournal.com/apps/pbcs.dll/article?AID=/20070418/NEWS01/70418009/1002>  
<http://www.pressconnects.com/apps/pbcs.dll/article?AID=/20070418/NEWS01/704180333/1006>  
<http://www.pressconnects.com/apps/pbcs.dll/article?AID=/20070418/NEWS01/70418006>  
[http://news10now.com/content/all\\_news/?ArID=102321&SecID=83](http://news10now.com/content/all_news/?ArID=102321&SecID=83)  
<http://www.northjersey.com/page.php?qstr=eXJpenk3ZjcN2Y3dnFIZUVFeXk1JmZnYmVsN2Y3dnFIZUVFeXk3MTE1MjY4JnlyaXI5N2Y3MTdmN3ZxZWVFRXI15Mw>  
[http://www.republicanherald.com/site/news.cfm?newsid=18225179&BRD=2626&PAG=461&dept\\_id=532624&rfti=6](http://www.republicanherald.com/site/news.cfm?newsid=18225179&BRD=2626&PAG=461&dept_id=532624&rfti=6)

South Atlantic:

<http://www.delmarva.com/home/emergency/maps/outage/>  
<http://www.pepco.com/home/emergency/maps/zip/default.aspx>  
<http://ir.constellation.com/phoenix.zhtml?c=112182&p=irol-newsArticle&ID=986900&highlight>  
<http://www.appalachianpower.com/news/outages/viewstorm.asp?stormID=647>  
[http://www.dom.com/news/outage\\_sos.jsp](http://www.dom.com/news/outage_sos.jsp)  
<http://www.duke-energy.com/outages/stats/>  
<http://www.duke-energy.com/news/releases/2007041801.asp>  
<http://www.ncemcs.com/news/releases/storms/April16WindStorm8pm.htm>  
<http://www.progress-energy.com/aboutus/news/article.asp?id=16004>  
[http://pro.energycentral.com/professional/news/power/news\\_article.cfm?id=8138236](http://pro.energycentral.com/professional/news/power/news_article.cfm?id=8138236)

Canada:

<http://www.hfxnews.ca/index.cfm?sid=23541&sc=89>

## **Electricity**

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Nothing to report.

## **Petroleum**

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### **20-inch Shell Crude Oil Pipeline Ruptures in California April 17**

A 20-inch diameter Shell Oil pipeline ruptured yesterday, spilling oil onto Interstate 580. The pipeline carries crude oil from Bakersfield to the Shell Oil refinery in Martinez, California. Although the line was quickly repaired once the rupture was detected, the resulting oil spill shut down a portion of Interstate 580 in San Joaquin County.

<http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2007/04/17/BAG1SPAG6J4.DTL>  
[http://www.insidebayarea.com/trivalleyherald/localnews/ci\\_5693478](http://www.insidebayarea.com/trivalleyherald/localnews/ci_5693478)

### **FCCU Problem Reported at Citgo's 165,000 b/d Refinery in Texas**

Citgo reported a temperature increase in the No. 1 fluid catalytic cracking unit while adding catalyst.  
Reuters, 09:25 April 18, 2007

### **DOE Issues Second Solicitation to Purchase Up to 4 Million Barrels of Oil for SPR**

The solicitation was issued on April 18 after DOE rejected earlier offers from energy companies because crude prices were too high. New offers are due May 1, with oil deliveries expected between June 1st and June 30<sup>th</sup>.  
Reuters, 10:22 April 18, 2007

### **Update: Completion of Valero's Wichita Line Reversal Expected by Week's End**

Valero announced on April 18 that the reversal process has begun on the Wichita pipeline carrying crude oil to the McKee, Texas, refinery, which is in the process of resuming normal operations after a fire.  
Reuters, 10:54 April 18, 2007

## Natural Gas

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### New U.S. LNG Terminals Unlikely Over Next 10 Years – Hess LNG CEO

Hess LNG CEO Gordon Shearer told the Platts Energy Podium Tuesday that construction of new liquefied natural gas (LNG) import and processing terminals in the United States is highly unlikely over the next ten years due to community pushback and overly- restrictive laws at the state and local level.

[http://www.earthtimes.org/articles/show/news\\_press\\_release.91139.shtml](http://www.earthtimes.org/articles/show/news_press_release.91139.shtml)

### El Paso to Expand Carthage Lateral in East Texas by 100 MMcf

The company's Tennessee Gas Pipeline unit plans to expand its natural-gas capacity from the Carthage production area in east Texas to a new interconnect with Entergy Corp.'s Perryville generation station in Ouachita Parish, Louisiana.

Reuters, 12:26 April 18, 2007

Bloomberg News, 13:16 April 18, 2007

## Other News

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### VeraSun Plans to Build 110 Million-Gallon per Year Ethanol Plant in Indiana

The plant, expected to be open in late 2008, along with two others under construction, will boost VeraSun Energy Corp.'s annual production from 340 million to 670 million gallons.

Reuters, 10:31 April 18, 2007

## Energy Prices

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U.S. Oil and Gas Prices			
April 18, 2007			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	62.78	61.96	71.31
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	7.50	7.97	7.60

Source: Reuters

## Energy Notes

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### California Panel Rejects Bill to Lift Ban on Building New Nuclear Power Plants

<http://www.platts.com/Nuclear/News/6376519.xml?p=Nuclear/News&sub=Nuclear>

### U.S. Appeals Court Upholds FERC Ruling Ordering PJM to Reach an Interconnection Service Agreement with Developer of 660 MW Transmission Line

<http://www.platts.com/Electric%20Power/News/6376094.xml?p=Electric%20Power/News&sub=Electric%20Power>

### NRC Issues Final Rules On Limited Work Authorizations, Worker Fatigue/Drug-Testing Provisions

<http://www.nrc.gov/reading-rm/doc-collections/news/2007/07-049.html>

### Weekly U.S. Gasoline Inventory Drops More than Expected: Down 2.7 Million Bbls

[http://biz.yahoo.com/ap/070418/oil\\_inventory\\_report.html?v=1](http://biz.yahoo.com/ap/070418/oil_inventory_report.html?v=1)

## Venezuela's Oil Minister Says No Guarantee of Compensation to Foreign Oil Majors for Stakes in Orinoco Projects

<http://www.platts.com/Oil/News/7256554.xml?p=Oil/News&sub=Oil>

## Ecuador's Crude Oil Exports Continue to Drop: March Exports Down 9 Percent from February

Oil Daily, April 18, 2007

### 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/index.aspx>.

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