



# ENERGY ASSURANCE DAILY

Friday Evening, September 24, 2010

## *Electricity*

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### **FPL's 693 MW Turkey Point Nuclear Unit 3 in Florida Shut September 23**

The unit tripped on September 23 due to an "Inadvertent Energization Generator Trip," the company said in a filing with the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of September 23 the unit was operating at full power.

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **Update: Reliant's 320 MW Etiwanda Gas-Fired Unit 3 in California Ramps up by September 23**

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 230 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201009231515.html>

### **Update: Reliant's 215 MW Mandalay Gas-Fired Unit 1 in California Returns to Service by September 23**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201009231515.html>

### **Update: Mirant's 206 MW Potrero Gas-Fired Unit 3 in California Returns to Service by September 23**

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201009231515.html>

### **Update: Exelon's 1,161 MW Braidwood Nuclear Unit 1 in Illinois Ramped Up to 92 Percent by September 24**

The unit shut automatically on September 20 "due to a faulty electrical circuit card on a plant system," Exelon said in a previous release. The Nuclear Regulatory Commission reported that on the morning of September 23 the unit was operating at 64 percent.

[http://www.exeloncorp.com/newsroom/Pages/pr\\_20100922\\_Nuclear.aspx](http://www.exeloncorp.com/newsroom/Pages/pr_20100922_Nuclear.aspx)

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

### **NRC to Discuss Corrective Actions Associated With Failures at Southern Company's 1,722 MW Hatch Nuclear Power Plant in Georgia**

The Nuclear Regulatory Commission (NRC) plans to publicly discuss on September 29 corrective actions associated with two previously-issued "white" inspection findings at Southern Company's Hatch nuclear power plant in Georgia, the agency said on September 23. One of the findings was related to the failure of a coupling on an emergency diesel generator; the other finding was related to the failure to establish appropriate preventive maintenance for some electronic components. The second finding also concerned the reliability of the diesel generators. White findings indicate low to moderate safety significance.

[http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU\\_ADAMS^PBNTAD01&ID=102660194](http://adamswebsearch2.nrc.gov/idmws/doccontent.dll?library=PU_ADAMS^PBNTAD01&ID=102660194)

## **Update: Exelon's 1,163 MW Byron Nuclear Unit 1 in Illinois Ramped Up to 89 Percent by September 24**

The Nuclear Regulatory Commission reported that on the morning of September 23 the unit was operating at 55 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

## **Petroleum**

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### **Update: Enbridge to Restart 190,000 b/d, 30-Inch, Indiana-to-Ontario Lakehead System Line 6B at Reduced Pressure on September 27 – Company to Apportion Volumes along Two Other Pipelines in October**

Enbridge plans to restart its 190,000 b/d, 30-inch, Indiana-to-Ontario Lakehead System Line 6B at 20 percent reduced pressure on Monday morning, September 27, the company's CEO said yesterday. Operators shut the line in late-July after it ruptured and spilled about 19,000 barrels of oil into a creek near the company's Marshall, Michigan pump station. The U.S. Department of Transportation's (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA) authorized Enbridge to gradually restart the line, but the agency would have to give a second, final approval before Enbridge could actually resume service. Enbridge, under its "integrity validation and remedial action plan," said it planned to replace about 3,800 feet of the pipe under the St. Clair River by mid-year 2011. Separately, the company said it would apportion space in October along two of its other oil pipelines; it cited the continued shutdown of Line 6B as a "contributing factor." The company planned to reduce nominated volumes by 25 percent along its 490,000 b/d, Wisconsin-to-Ontario Line 5, and by 31 percent along its 400,000 b/d, Wisconsin-to-Illinois Line 61.

<http://www.phmsa.dot.gov/staticfiles/PHMSA/DownloadableFiles/Files/Press%20Release%20Files/dot17710.pdf>

[http://www.enbridgepartners.com/Reports/reportif\\_partners.aspx?pl=0&rptSite=5&rpt=/phoenix.zhtml%3fc%3d63707%26p%3diol-newsArticle%26ID%3d1474089%26nyo%3d0&tmi=2094&tmt=5](http://www.enbridgepartners.com/Reports/reportif_partners.aspx?pl=0&rptSite=5&rpt=/phoenix.zhtml%3fc%3d63707%26p%3diol-newsArticle%26ID%3d1474089%26nyo%3d0&tmi=2094&tmt=5)

<http://response.enbridgeus.com/response/main.aspx?id=13296>

<http://www.google.com/hostednews/ap/article/ALeqM5hbazNv8HPBELUpCXxcRQmCxaO3DgD9IDVI500>

### **Update: After Pipeline Restart, ExxonMobil Resumes Normal Operations at 238,600 b/d Joliet, Illinois Refinery**

ExxonMobil resumed normal operations early this week at its 238,600 b/d Joliet, Illinois refinery after Enbridge restarted an associated crude oil pipeline late last week, an ExxonMobil spokesman said on September 24. Enbridge shut its 670,000 b/d, 34-inch, Wisconsin-to-Indiana Line 6A due to a leak on September 9; it restarted the line on September 17. The shutdown had threatened to disrupt operations at numerous U.S. Midwest refineries. Reuters, 10:50 September 24, 2010

### **BP to Restart Ultraformer at 467,720 b/d Texas City, Texas September 24-27**

BP planned to restart an ultraformer "following an outage to perform maintenance and repair work" at its 467,720 b/d Texas City, Texas refinery on September 24-27, the company said in a filing with state regulators. It was not clear when the unit went offline.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=145246>

### **Fire Forces Chevron to Shut Hydrocracker at 360,000 b/d Pascagoula, Mississippi Refinery September 23**

A fire forced Chevron to shut a hydrocracker at its 360,000 b/d Pascagoula, Mississippi refinery on September 23, but a company spokesman said the facility would "continue to supply products to our customers." The fire was extinguished and there were no injuries. The refinery has two hydrocrackers; together, they process 58,000 b/d. It was not clear when the unit might resume normal service.

<http://www.bloomberg.com/news/2010-09-24/chevron-pascagoula-refinery-extinguishes-fire-in-process-unit.html>

<http://af.reuters.com/article/energyOilNews/idAFWEN031320100924>

## **Storm Knocks Out Power Briefly at Hess' 65,000 b/d Port Reading, New Jersey Refinery September 23 – Company to Resume Normal Operations by September 25**

Hess anticipates resumption of normal operations by September 25 at its 65,000 b/d Port Reading, New Jersey refinery, two days after a brief power outage forced offline multiple downstream units, a company spokeswoman said. The incident “had minimal impact on production,” she said.

Reuters, 11:04 September 24, 2010

## **Citing Unplanned Work, Canadian Oil Sands Trust Cuts Yearly Production Estimate at Syncrude Oil Sands Facility in Alberta, Canada**

Canadian Oil Sands Trust reduced by 5 million barrels its estimate for 2010 production at the Syncrude oil sands project in Alberta, Canada, due to “unplanned maintenance in certain upgrading units and an extension of the planned Coker 8-1 turnaround,” it said on September 23. The company had expected to produce 110 million barrels of oil, but now expects to produce just 105 million barrels.

<http://www.cos-trust.com/newsreleases/PressReleases/PressReleaseDetails/2010/Canadian-Oil-Sands-Trust-Syncrude-Production-Update1122788/default.aspx>

<http://www.cos-trust.com/newsreleases/PressReleases/PressReleaseDetails/2010/Canadian-Oil-Sands-Trust-Announces-2010-Second-Quarter-Results1122441/default.aspx>

## **EIA Says 400,000 Barrels of Oil Withdrawn from Strategic Petroleum Reserve**

Some 400,000 barrels of oil were withdrawn from the Strategic Petroleum Reserve’s (SPR) Bayou Choctaw storage location in Louisiana last week, the Energy Information Administration said by September 23. It was not immediately clear why the oil had been released or who received the delivery.

Reuters, 13:09 September 23, 2010

## **Researchers Say About 4.4 Million Barrels of Oil Spewed into Gulf of Mexico after Deepwater Horizon Explosion**

About 4.4 million barrels of oil spilled into the Gulf of Mexico after the Deepwater Horizon rig exploded and sunk in late April 2010, researchers at Columbia University reported in the journal Science. The number is comparable to the government's estimate of about 4.1 million barrels.

<http://content.usatoday.com/communities/greenhouse/post/2010/09/study-backs-us-estimate-of-gulf-spill-as-worst-ever-/1>

<http://www.newsinferno.com/archives/24320>

## **Update: UAE Expects to Complete 1.5 Million b/d Oil Pipeline to Fujairah during 2010**

The United Arab Emirates (UAE) expects to complete a 1.5 million b/d pipeline that would deliver oil to Fujairah, UAE, along the Indian Ocean, the nation’s oil minister said by September 23. The line would bypass the Strait of Hormuz.

<http://www.businessweek.com/news/2010-09-23/pipeline-bypassing-hormuz-to-be-finished-this-year-u-a-e-says.html>

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## **Natural Gas**

### **Update: CPUC to Establish Panel to Probe Whether PG&E Needs to Generally Improve Safety Conditions along Natural Gas Transmission Lines in California**

The California Public Utilities Commission (CPUC) plans to establish within 30 days a panel to explore whether there is a need for general safety improvement along Pacific Gas and Electric Company’s (PG&E) natural gas transmission lines, CPUC said on September 23. The announcement came about two weeks after a fatal PG&E pipe explosion in San Bruno, California.

[http://docs.cpuc.ca.gov/PUBLISHED/NEWS\\_RELEASE/123810.htm](http://docs.cpuc.ca.gov/PUBLISHED/NEWS_RELEASE/123810.htm)

### **Swift Energy Company to Complete 40 MMcf/d Natural Gas Pipeline in Texas by December 1, 2010**

Swift Energy Company plans to construct a pipeline that would deliver up to 40 MMcf/d of natural gas to the company’s Fasken operating area in Webb County, Texas, it said on September 23. It expects to complete the line by December 1, 2010. The project is part of a long-term agreement between the company and Eagle Ford Escondido Gathering, a subsidiary of Meritage Midstream Services.

<http://www.swiftenergy.com/NEWSROOM/PRESS-RELEASES/2010/R100923.htm>

## **Update: After September 19 Fire, State DEP Orders Chesapeake Appalachia to Cease Operations at Natural Gas Well Site in West Virginia by September 24**

The West Virginia Department of Environmental Protection (DEP) issued a Notice of Violation and ordered Chesapeake Appalachia LLC to cease all operations at the Marshall County gas well drilling site where an ignition occurred on Sunday, September 19. No one was injured in the accident but a fire continued to burn, as of latest reports. There are a total of six wells at the location, including one in the drilling stage. The DEP's Office of Oil and Gas is investigating the cause of the accident and has inspectors on site.

<http://www.dep.wv.gov/news/Pages/OfficeofOilandGasissuesCeaseOrderforChesapeakewellsite.aspx>

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## **Other News**

### **Update: Fiberight, TMO Renewables to Construct Five 10-15 MMGal/Yr. Cellulosic Ethanol Plants in Mid-Atlantic and Florida within Next Five Years**

Fiberight, LLC and TMO Renewables plan to construct 15 commercial-scale cellulosic ethanol plants in the United States within five years, including five 10-15 MMGal/Yr. facilities in the Mid-Atlantic and Florida.

[http://www.ethanolproducer.com/article.jsp?article\\_id=6999](http://www.ethanolproducer.com/article.jsp?article_id=6999)

### **SemStream Opens Fuel Terminal in Winslow, Arizona September 15**

The terminal sits on 14 acres; it has seven 90,000-gallon propane/butane storage tanks, four rail car loading/unloading bays and two truck loading racks. It is capable of handling butanes and butane blending, and has the ability for truck off-loading.

<http://www.semgroupcorp.com/newsandmedia/pressreleases/pressreleasedetail.aspx?id={88171677-18E6-42BD-AA94-198EF99FEE00}>

### **California Air Resources Board Adopts Standard that Would Require State to Derive One-Third of Electricity from Renewable Sources by 2020**

The California Air Resources Board adopted a standard that would, by 2020, require one-third of the electricity sold in the state to come from renewable energy. The state would phase in the standard: it would mandate 20 percent renewable in 2012-2014, 24 percent in 2015-2017, 28 percent in 2018-2019, and 33 percent in 2020 and beyond. Several technical, legal, and regulatory issues could hamper efforts to instate the rule.

<http://www.arb.ca.gov/newsrel/newsrelease.php?id=155>

<http://www.reuters.com/article/idUSTRE68N0AX20100924>

### **Duke Energy, Cisco, Charlotte Center City Partners Plan to Make Commercial Buildings in Charlotte, North Carolina More Energy Efficient**

Duke Energy, Cisco, and Charlotte Center City Partners seek to partner with the owners of approximately 60 commercial buildings in Charlotte, North Carolina in a bid to reduce energy use by up to 20 percent by 2016 in the city's 1.94 square-mile I-277 inner-belt loop. The initiative, dubbed Envision: Charlotte, will deploy a combination of digital smart grid and building automation technologies, along with energy tracking tools, to provide building owners and office workers with near real-time information about the buildings' collective energy use. It will also suggest specific actions office workers can take to reduce energy consumption.

<http://www.duke-energy.com/news/releases/2010092301.asp>

### **NSA Director Recommends "Secure Zone" for Computer Systems Related to Critical Infrastructure, Including Electric Grid**

The United States needs to better-protect its computer systems from cyber-attacks, but it must be careful that those improvements do not interfere with the nation's internet use, according to Gen. Keith Alexander, the director of the National Security Agency (NSA) and the person in charge of the military's Cyber Command. Gen. Alexander recommended that "government and critical infrastructure" - including the electric grid - operate within a "secure zone." He also said the government was exploring how to effectively carry out cyberwarfare or respond to cyberattacks.

[http://news.yahoo.com/s/ap/20100923/ap\\_on\\_go\\_ca\\_st\\_pe/us\\_computer\\_threats](http://news.yahoo.com/s/ap/20100923/ap_on_go_ca_st_pe/us_computer_threats)

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## **Energy Prices**

U.S. Oil and Gas Prices			
September 24, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	74.55	73.36	66.11
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	4.08	4.09	3.43

Source: Reuters

## ***Energy Notes***

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### **Substation Outages Cut Power for 10 Minutes to 29,000 Baldwin EMC Customers in Alabama September 22**

[http://www.baldwincountynow.com/articles/2010/09/24/local\\_news/doc4c9ce208df3e3988672892.txt](http://www.baldwincountynow.com/articles/2010/09/24/local_news/doc4c9ce208df3e3988672892.txt)

### **Winds Knock Out Power to 23,000 DTE Energy Customers in Michigan September 24**

<http://www.freep.com/article/20100924/NEWS01/100924062/1319/Man-fatally-struck-by-wind-toppled-branch>

### **Storm Cuts Power to about 15,000 Delmarva Power Customers in Delaware and Maryland September 22 – Company Restores Power to Most by Afternoon of September 23**

<http://www.delawareonline.com/article/20100924/NEWS01/9240327>

### **Ultralight Plane Crash Knocks Out Power Lines, Cuts Electricity to More than 12,000 SCE Customers in California September 23 – Company Expects to Restore Service to all Affected Customers by September 24**

<http://abclocal.go.com/kfsn/story?section=news/local&id=7686144>

### **CPUC Okays PG&E's Plan to Purchase Electricity from First Solar's Planned 300 MW Desert Sunlight Solar Power Project in California September 23**

[http://docs.cpuc.ca.gov/PUBLISHED/NEWS\\_RELEASE/123806.htm](http://docs.cpuc.ca.gov/PUBLISHED/NEWS_RELEASE/123806.htm)

### **Update: State Department of Health Reports no Significant Negative Health Impacts from Radioactive Leaks at 563 MW Vermont Yankee Nuclear Power Plant in Vermont**

[http://www.reformer.com/localnews/ci\\_16149302](http://www.reformer.com/localnews/ci_16149302)

### **enXco, SCPAA Complete 50 MW Linden Wind Power Project in Washington by September 24**

DJN, 13:00 September 24, 2010

### **Eurus Energy America, NRG Solar Plan 20 MW Sun City Solar Power Project and 19 MW Sand Drag Solar Power Project near Avenal, California**

<http://investors.quantaservices.com/phoenix.zhtml?c=75389&p=irol-newsArticle&ID=1474444&highlight=>

### **TVA Says Demand Response Programs Delivered 183 MW and 170 MW of Peak Power Savings on July 29 and August 3, 2010**

<http://www.prnewswire.com/news-releases/tva-trims-peak-power-demand-during-summer-heat-wave-103640664.html>

**Shale Gas to Dampen Global Interest in Nuclear Power and Carbon Storage: Chatham House**

<http://www.bloomberg.com/news/2010-09-23/low-emission-shale-gas-to-discourage-nuclear-carbon-capture-chatham-says.html>

**DOE Spending Approximately \$1 Billion/Month on Stimulus-Funded Measures, and Will Mostly Continue That Pace Until Funds Run Dry: Department's Chief of Stimulus Spending**

<http://www.prnewswire.com/news-releases/platts-energy-podium-us-doe-spending-1-billion-monthly-on-stimulus-103645314.html>

**House of Representatives Considers Bill that Would Force Pipeline Operators to Report Various Incidents, Including Leaks, within One Hour – Industry Officials Say it is Too Short a Time-Frame**

[http://www.google.com/hostednews/ap/article/ALeqM5jxYooq\\_t4zdeHepFDmF-S70489eQD9IDUL4G1](http://www.google.com/hostednews/ap/article/ALeqM5jxYooq_t4zdeHepFDmF-S70489eQD9IDUL4G1)

**European Nations Drop Proposal to Ban Deepwater Drilling Offshore Continent**

[http://www.rigzone.com/news/article.asp?a\\_id=99257](http://www.rigzone.com/news/article.asp?a_id=99257)

**After Numerous Rebel Attacks, Turkey to Increase Security along Oil-and-Gas Pipelines**

<http://www.businessweek.com/ap/financialnews/D9IDHJ4G1.htm>

**Petsec Resumes 20 MMcf/d of Natural Gas Production and 650 b/d of Oil Output at Malin Pass Block 270 Field Offshore Louisiana September 15 – Pipeline Damage Forced Offline Field in April 2010**

[http://www.rigzone.com/news/article.asp?a\\_id=99254](http://www.rigzone.com/news/article.asp?a_id=99254)

**Amid Weak Price Environment, U.S. Companies Could Curb Natural Gas Drilling Projects**

<http://www.reuters.com/article/idUSTRE68N2AB20100924>

**Sky Petroleum Says Albanian Blocks Contain Estimated Mean Un-Risked Reserve Potential of 875 Million Barrels of Oil Equivalent**

<http://ir.skypetroleum.com/phoenix.zhtml?c=148155&p=irol-newsArticle&ID=1474234&highlight=>

## **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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