



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

ENERGY ASSURANCE DAILY

Monday Evening, June 08, 2009

Electricity

TVA's 1,155 MW Browns Ferry Nuke Unit 1 in Alabama Reduced to 70 Percent by June 6

The Nuclear Regulatory Commission reported that on the morning of June 5 the unit was operating at full power. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

PG&E's 144 MW Haas Hydro Power Plant in California Reduced June 7

According to the California Independent System Operator, the plant experienced an unplanned curtailment of 104 MW on June 7.

<http://www.caiso.com/unitstatus/data/unitstatus200906071515.html>

Update: Exelon's 1,163 MW Byron Nuke Unit 1 in Illinois at Full Power by June 6

The Nuclear Regulatory Commission reported that on the morning of June 5 the unit was operating at 90 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Exelon's 619 MW Oyster Creek Nuke Unit in New Jersey at Full Power by June 8

The Nuclear Regulatory Commission reported that on the morning of June 7 the unit was operating at 80 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Ameren's 1,125 MW Callaway Nuke Unit in Missouri at Full Power by June 8

The Nuclear Regulatory Commission reported that on the morning of June 7 the unit was operating at 30 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

PSE&G's 1,049 MW Hope Creek Nuke Unit 1 in New Jersey at Full Power by June 7

The Nuclear Regulatory Commission reported that on the morning of June 6 the unit was operating at 79 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Constellation's 1,120 MW Nine Mile Point Nuke Unit 2 in New York at Full Power by June 7

The Nuclear Regulatory Commission reported that on the morning of June 6 the unit was operating at 84 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: Progress Energy's 811 MW Brunswick Nuke Unit 2 in North Carolina at Full Power by June 8

The unit operated at reduced power after a feed-pump malfunction on May 24. The Nuclear Regulatory Commission reported that on the morning of June 7 the unit was operating at 63 percent.

Bloomberg News, 07:03 June 8, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

FPL's 565 MW Duane Arnold Nuke Unit in Iowa Ramped Up to 98 Percent by June 8

The Nuclear Regulatory Commission reported that on the morning of June 7 the unit was operating at 73 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Exelon's 1,022 MW Clinton Nuke Unit in Illinois Ramped Up to 96 Percent by June 7

The Nuclear Regulatory Commission reported that on the morning of June 6 the unit was operating at 78 percent. Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: Entergy's 979 MW Indian Point Nuke Unit 3 in New York Ramped Up to 57 Percent by June 6

The unit is returning to service following a series of breakdowns stemming from feed-pump and control oil system malfunctions. The Nuclear Regulatory Commission reported that on the morning of June 5 the unit was operating at 25 percent.

Bloomberg News, 06:57 June 8, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: Cabrillo Power's 300 MW Encina Gas-fired Unit 4 in California Returns to Service by June 7

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200906071515.html>

Update: Martinez Cogeneration's 115 MW Martinez Cogen Gas-fired Unit in California Returns to Service by June 7

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200906071515.html>

Update: Delta Energy Center's 861 MW Delta Energy Center Gas-fired Unit in California Returns to Service June 6

According to the California Independent System Operator, the unit returned from an unplanned curtailment of 291 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200906061515.html>

Update: Reliant's 320 MW Etiwanda Gas-fired Unit 3 in California Returns to Service June 6

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200906061515.html>

Update: ATC Energizes 75-Mile, 345-kV Transmission Line in Wisconsin June 5

American Transmission Company announced June 5 it placed into service 75 miles of a 345-kV power line between the Werner West Substation near New London, Wisconsin to the Gardner Park Substation adjacent to the Weston Power Plant near Wausau, Wisconsin.

<http://www.atcllc.com/documents/GPCW-energized.pdf>

Bureau of Land Management to Study Impact of 850 MW Calico/Solar One Project in California

The U.S. Bureau of Land Management (BLM) announced its intention to study the environmental impact of Stirling Energy System's (SES) planned 850 MW solar project to be located in California. The Calico/Solar One project proposed building 34,000 solar collectors on 8,230 acres of BLM land. Under the company's plan, construction is slated to begin in late 2010.

<http://www.platts.com/Electric%20Power/News/7890285.xml?p=Electric%20Power/News&sub=Electric%20Power>
[http://www.stirlingenergy.com/pdf/2009-05-06_Calico-\(Solar-One\)-Project-Application-Achievement.pdf](http://www.stirlingenergy.com/pdf/2009-05-06_Calico-(Solar-One)-Project-Application-Achievement.pdf)

Power Outage Shuts Hydrocracker, ISOM Unit at Tesoro's 72,000 b/d Kenai, Alaska Refinery

Tesoro reported a power outage June 4 at its refinery in Kenai, Alaska. A hydrocracker and isomerization (ISOM) unit at the refinery remain shut in order to make repairs necessitated by the power outage, once the repairs have been completed, the refinery will then return to full production. A Tesoro spokesperson said customer requirements are being met from storage and other Tesoro locations.

Reuters, 12:34 June 8, 2009

FCC Unit Upset Reported at BP's 467,000 b/d Texas City, Texas Refinery June 6

In a filing to state regulators, BP reported a malfunction in its number 3 fluid catalytic cracking (FCC) unit at its Texas City refinery. The malfunction triggered flaring at the refinery.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=125207>

Reuters, 18:18 June 7, 2009

Coking Unit Malfunction has Minimal Impact to Production at ExxonMobil's 348,500 b/d Beaumont, Texas Refinery June 7

The company said a coking unit malfunction associated with the temporary shutdown of the wet gas compressor at its Beaumont refinery was anticipated to have a minimal impact on production.

Reuters, 19:20 June 7, 2009

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=125203>

SRU Shut at Citgo's 165,000 b/d Corpus Christi, Texas Refinery June 8

In a filing to state regulators, Citgo reported the shutdown of a sulfur recovery unit in order to remove heavy fouling in the absorber.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=125169>

Reuters, 07:59 June 8, 2009

Update: Valero's 182,200 b/d Delaware City, Delaware Refinery Returns to Planned Operating Rates

According to a spokesperson for Valero, the company's refinery in Delaware City has returned to planned rates for the first time since February when workers first reported a malfunction of a fluid coker. The company delayed the restart so that inspection and maintenance work could be performed and in response to low refinery margins.

Bloomberg news, 12:38 June 8, 2009

Canadian Oil Sands Production Could Grow to 3.3 MM b/d by 2025, CAPP Forecasts

In its '2009-2025 Canadian Crude Oil Forecast and Market Outlook' the Canadian Association of Petroleum Producers (CAPP) reported oil sands production in Canada could grow by 175 percent to 3.3 million b/d by 2025, despite recent announcements of cancellations or postponements of projects. In the report, CAPP said its high-end growth case assumes that the current climate for investments will improve over time.

<http://www.capp.ca/aboutUs/mediaCentre/NewsReleases/Pages/2009->

[2025CanadianCrudeOilForecastandMarketOutlook.aspx](http://www.capp.ca/aboutUs/mediaCentre/NewsReleases/Pages/2009-2025CanadianCrudeOilForecastandMarketOutlook.aspx)

<http://www.platts.com/Oil/News/6388752.xml?p=Oil/News&sub=Oil>

Natural Gas

Natural Gas Pipeline Rupture Reported in Montana, Williston Basin Investigating

The Williston Basin Interstate Pipeline Company is currently investigating the cause of a ruptured 8-inch natural gas pipeline that supplies the city of Billings, Montana and CHS's 55,000 b/d Laurel, Montana refinery. In a critical notice to shippers, Williston Basin reported the pipeline burst June 7 and high water levels in the nearby Yellowstone River are hampering repair efforts. The company isolated the portion of the line that ruptured and said it will continue to meet consumer needs by moving shipments to a parallel 16-inch line.

http://ebb.wbip.com/informational_postings/notices/System_Notices_detail.aspx?selectr=2215

<https://www.chsinc.com/portal/server.pt?open=512&objID=339&PageID=9013&cached=true&mode=2&userID=2>

Bloomberg News, 11:17 June 8, 2009

Lightning Causes Power Failure at Waha Gas Plant in Texas June 5

In a filing to state regulators, the company reported that severe lightning caused a power failure which led to the shutdown of the acid gas compressor at the Waha Gas Plant in Texas. Electrical power was restored within 8 hours and the acid gas compressor was placed back into service.

<http://www11.tceq.state.tx.us/oce/eei/index.cfm?fuseaction=main.getDetails&target=125202>

Update: Output Returns to Normal Rates at Sable Island Offshore Energy Project in Nova Scotia

Spectra Energy said output has returned to normal levels at the Sable Island Offshore Energy Project in Nova Scotia, Canada following a dip in production that occurred last week. Spectra Energy transports gas from the Sable Project on its Maritimes & Northeast Pipeline.

Reuters, 10:38 June 8, 2009

Other News

Plymouth Energy Opens 50 MMGal/yr Ethanol Plant in Merrill, Iowa

The new facility opened on June 4, 2009.

<http://www.ktiv.com/Global/story.asp?S=10482328>

http://www.kcautv.com/Global/story.asp?S=10481682&nav=menu110_2

Energy Prices

U.S. Oil and Gas Prices			
June 8, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	68.39	67.82	135.93
NATURAL GAS Henry Hub \$/Million Btu	3.51	3.92	12.49

Source: Reuters

Energy Notes

Fire Reported in Substation, Knocks out Power to About 4,300 Gulf Power Company Customers in Florida June 7

<http://www.wtsp.com/news/local/story.aspx?storyid=107267>

Underground Blast Cuts Power to 8,600 Pacific Gas and Electric Customers in California, Traps People in Elevator

<http://www.ktla.com/news/landing/ktla-sf-explosion.0,1486833.story>

Severe Lightning Knocks out Power to 16,300 Florida Power & Light Customers in Florida June 5

<http://www.miamiherald.com/news/breaking-news/story/1084607.html>

Contractor for Texas Railroad Commission (RRC) Plugs Wrong Well in Gulf of Mexico

<http://www.oj.com/index/article-display/362737/s-articles/s-oil-gas-journal/s-drilling-production/s-texas-railroad-commission-plugs-wrong-well-in-gulf.html>

Tritium Found in Monitoring Well at Exelon's Dresden Nuclear Reactor in Illinois

Bloomberg News, 07:56 June 8, 2009

ExxonMobil to Proceed with Exploration of Two Sections of Black Sea After Receiving Approval from Turkey

Bloomberg News, 10:39 June 8, 2009

ConocoPhillips Shut 23,000 b/d of Production at Ekofisk Field off Norway due to Damage to Platform

Reuters, 08:17 June 8, 2009

Energy Secretary Chu Meets with United Nations Secretary-General Ban Ki-Moon to Discuss International Cooperation on Climate Change, Clean Energy June 5

<http://www.platts.com/Oil/News/7890291.xml?p=Oil/News&sub=Oil>

AEP's Mountaineer Carbon Capture and Sequestration Project in West Virginia, Country's First, on Time and on Budget for Completion in October 2009

<http://finance.yahoo.com/news/Mountaineer-CCS-Project-on-iw-15461482.html>

Update: Imperial Oil's Kearl Oil Sands Project in Alberta Approved to Begin Major Construction

<http://finance.yahoo.com/news/Kearl-Oil-Sands-Project-iw-15461956.html>

Update: Russia Launches Second Train of Sakhalin 2 LNG Plant

<http://www.platts.com/Natural%20Gas/News/8611641.xml?p=Natural%20Gas/News&sub=Natural%20Gas>

Links

***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

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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