



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

ENERGY ASSURANCE DAILY

Monday Evening, August 17, 2009

Electricity

Solar Millennium and MAN Ferrostaal to Build Three Power Plants in U.S. Southwest

The \$3 billion project will deliver 726 MW of electricity to Southern California Edison customers.

<http://www.marketwatch.com/story/german-firms-ink-3-billion-us-solar-plant-pact-2009-08-17?siteid=yhoof2>

Lightning Knocks Out Power to 35,000 B.C. Hydro Customers in Vancouver, British Columbia August 13

Lightning stuck a high-powered transmission line. Power was restored to all customers within several hours.

<http://www.vancouversun.com/news/North+Vancouver+survives+near+miss+with+lightning/1899226/story.html>

Exelon's 1,111 MW La Salle Nuke Unit 2 in Illinois Shut by August 16

The Nuclear Regulatory Commission reported that on the morning of August 15 the unit was operating at full power. The unit was shut August 16 when its turbine generator tripped.

Bloomberg News, 15:26 August 16, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

Southern's 870 MW Hatch Nuke Unit 2 in Georgia Reduced to 88 Percent by August 15

The Nuclear Regulatory Commission reported that on the morning of August 14 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/>

Bruce's 795 MW Bruce Nuke Unit 8 in Ontario Shut August 16

Reuters, 09:11 August 17, 2009

Delta Power's 240 MW Crockett Gas-fired Unit in California Shut by August 15

The California Independent System Operator report of August 15 indicated the unit had an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200908151515.html>

PG&E's 122 MW Caribou Hydro Units 4 and 5 in California Shut by August 14, Returns to Service by August 15

The California Independent System Operator report of August 14 indicated the unit had an unplanned outage and the report of August 15 showed that the unit had returned to operation..

<http://www.caiso.com/unitstatus/data/unitstatus200908151515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200908141515.html>

PG&E's 119 MW Belden Hydro Unit in California Shut by August 14, Returns to Service by August 15

The California Independent System Operator report of August 14 indicated the unit had an unplanned outage and the report of August 15 showed that the unit had returned to operations and was delivering 112 MW of power.

Bloomberg News, 15:39 August 16, 2009

<http://www.caiso.com/unitstatus/data/unitstatus200908141515.html>

TXU's 575 MW Big Brown Coal-fired Unit 2 in Texas Restarts August 16

The unit was shut August 15-16 due to a clog in a lignite bow mill, which caused high pressure in the system.

Reuters, 08:26 August 17, 2009

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=128159>

Update: AES's 175 MW Alamos Gas-fired Unit 2 in California Returns to Service by August 14

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

<http://www.caiso.com/unitstatus/data/unitstatus200908141515.html>

Peco Filed Plans with Pennsylvania PUC to Install More than 1.6 Million Smart Meters

<http://finance.yahoo.com/news/Peco-files-meter-plan-with-apf-1004841326.html?x=0&.v=1>

Petroleum

Hydrotreater Shut at Citgo's 156,000 b/d Corpus Christi, Texas Refinery August 15

A level transmitter failure contaminated the amine system and caused the shutdown of the hydrotreater.

DJN, 12:12 August 17, 2009

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=128161>

Suncor's 135,000 b/d Edmonton, Alberta Refinery Shut August 12

The refinery was shut after a hydrogen shortage around 12:50 PM local time August 12. According to a company spokesman, the refinery should be operational within days.

<http://www.cbc.ca/canada/calgary/story/2009/08/13/edmonton-suncor-refinery-start-up.html?ref=rss>

<http://www.xe.com/news/2009-08-13%2011:25:00.0/611481.htm?c=1&t=>

Murphy Oil to Shut Platformer at its 120,000 b/d Meraux, Louisiana Refinery

According to sources, the platformer will be shut for repairs.

Reuters, 18:55 August 16, 2009

Shell Reports Upgrader Malfunction at its 100,000 b/d Scotford, Alberta Refinery August 13

<http://www.bloomberg.com/apps/news?pid=20601082&sid=aulxXExsQWT0>

PDVSA and BP Restart Production at 113,000 b/d Petromonagas Project in the Orinoco Belt in Venezuela August 17

Production from Petromonagas was suspended in January to meet OPEC cuts. Petromonagas exports about 90,000 b/d to PDVSA's and ExxonMobil's Chalmette, Louisiana refinery.

Reuters, 13:29 August 17, 2009

Update: Chevron Restarting Operations on Cook Inlet Platforms in August

All eight platforms were shut in April after the Drift River oil loading terminal shut due to nearby eruptions on Mount Redoubt. Anna and Bruce platforms were restarted August 8 and 9. Granite Point platform was operating by August 10. Chevron is in the process of restarting their Grayling and Steelhead platforms. The eight platforms were producing about 7,500 b/d before the shutdown.

http://www.alaskajournal.com/stories/081509/oil_10_002.shtml

Natural Gas

Nothing to Report.

Other News

Highwater Ethanol Begins Operation of 55 Million Gallon Per Year New Ethanol Plant in Minnesota August 14

At 6:00 a.m. August 14, 2009 Highwater Ethanol, LLC started grinding corn and producing ethanol. Originally planned with a capacity to produce 50 million gallons of ethanol per year, the plant that was completed has a capacity to produce 55 million gallons per year of ethanol.

<http://www.highwaterethanol.com/>

Nebraska Corn Board Promoting Installation of 5,000 Ethanol Blender Pumps Nationwide over Next Three Years

There are currently 200 blender pumps located in the United States, with the majority of them located in South Dakota, Minnesota, Iowa and Kansas. Blender pumps, although they are not new the fuel industry, are finding new use with ethanol and e85. A blender pump consists of two underground tanks, one contains unleaded fuels, and one with e85. The dispenser blends the two fuels allowing a station owner to create gasoline with any percent of ethanol desired, from zero to eighty five.

<http://ethanol-news.newslib.com/story/6938-33119/>

Energy Prices

U.S. Oil and Gas Prices			
August 17, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	66.20	69.19	111.47
NATURAL GAS Henry Hub \$/Million Btu	3.18	3.55	8.15

Source: Reuters

Energy Notes

Car Hits Power Pole, Knocks Out Power to 14,000 SMUD Customers in California

<http://cbs13.com/local/power.outage.elk.2.1130441.html>

Ameren Reports 10,109 Customers Lost Power in Illinois August 16

<https://www2.ameren.com/outagemap/default.aspx?state=IL>

Tanker Carrying about 100,000 Barrels of Crude Freed Hours after Running Aground in the Delaware River August 16

<http://cbs3.com/topstories/tanker.oil.delaware.2.1131516.html>

Flaring Reported at BP's 266,000 b/d Carson, California Refinery August 17

Bloomberg News, 07:42 August 17, 2009

ConocoPhillips Reports Upset at its 124,000 b/d Borger, Texas Refinery August 16

Reuters, 12:09 August 17, 2009

Bloomberg News, 12:37 August 17, 2009

Process Upset Causes Flaring at Total's 174,000 b/d Port Arthur, Texas Refinery August 17

Reuters, 13:36 August 17, 2009

Equipment Failure at Boyd Compressor Station in Texas August 15

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=128168>

Compressor Shut at 210 MMcf/d West Seminole Gas Plant in Texas August 15

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=128141>

Amine Treater Went Sour, Caused Flaring at 160 Mmc/d Goldsmith Gas Plant in Texas August 15

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=128142>

Crude Production in Oman Averaged 792,700 b/d in June, an Increase from an Average of 743,400 b/d in June 2008 – Oman Ministry of National Economy

http://www.rigzone.com/news/article.asp?a_id=79301

North Sea Flotta Crude to Load 40,000 b/d in September, Down from 84,000 b/d in August – Traders

Reuters, 10:24 August 17, 2009

Mexican Police Catches Thieves Stealing 17,000 Gallons of Gasoline from a Pemex Fuel Pipeline

http://www.google.com/hostednews/ap/article/ALeqM5ggJLvfhq53pAp9qB_JK7_7Vs3uAAD9A2SLE83

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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