



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

ENERGY ASSURANCE DAILY

Monday Evening, August 31, 2009

Electricity

PECO Completes Grays Ferry Substation Upgrade in Philadelphia, Pennsylvania

The \$22 million project involved installing a new 69 kV transmission line, a new high-voltage power transformer, four new 230 kV breakers, upgrades to two existing 230 kV breakers, reconfiguring existing facilities, and new controls and switchgears.

DJN, 10:04 August 31, 2009

Duke Energy Proposes 200 MW Top of the World Wind Power Project in Wyoming

The project, which is expected to reach commercial operation in 2010, will be Duke Energy's ninth wind farm in the United States and its fourth in Wyoming.

<http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind focus.story&STORY=/www/story/08-31-2009/0005085125&EDATE=>

Duke's 754 MW Moss Landing Gas-fired Unit 6 in California Shut by August 28

According to the California Independent System Operator, the unit reported an unplanned outage by August 28.

<http://www.caiso.com/unitstatus/data/unitstatus200908281515.html>

AES's 495 MW Alamos Gas-fired Unit 6 in California Reduced by August 28

According to the California Independent System Operator, the unit reported an unplanned curtailment of 115 MW by August 28.

<http://www.caiso.com/unitstatus/data/unitstatus200908281515.html>

Mirant's 206 MW Potrero Unit 3 Gas-fired Unit in California Reduced by August 28, Returns to Service by August 29

According to the California Independent System Operator, the unit reported an unplanned curtailment of 106 MW by August 28.

<http://www.caiso.com/unitstatus/data/unitstatus200908281515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200908291515.html>

Update: TVA's 1,105 MW Browns Ferry Nuke Unit 3 in Alabama Ramps up to 96 Percent by August 31

The unit was manually shut a week ago due to condensate booster pumps being lost.

Reuters, 08:04 August 31, 2009

Bloomberg News, 07:11 August 31, 2009

Update: Entergy's 979 MW Indian Point Nuke Unit 3 in New York at Full Power by August 30

The unit was shut late August 27 due to a leak in an oil pipe. The Nuclear Regulatory Commission reported that on the morning of August 29 the unit was operating at 2 percent. This incident marks the unit's fourth unplanned shutdown since May.

<http://finance.yahoo.com/news/NY-nuke-plant-shuts-down-apf-44666591.html?x=0&.v=2>

<http://finance.yahoo.com/news/NY-nuke-reactor-back-online-apf-363051464.html?x=0&.v=3>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: OPG's 881 MW Darlington Nuke Unit 2 in Ontario Returns to Service August 30

The unit was shut on August 24 and began to restart on August 29, reaching nearly full capacity by about 4:00 PM August 30.

http://reports.ieso.ca/public/GenOutputCapability/PUB_GenOutputCapability_20090830.xml

OPG's 510 MW Pickering Nuke Unit 4 in Ontario Shuts Down August 30

The unit began to shut between 11:00 AM and noon and was completely shut down by 1:00 PM August 30.

http://reports.ieso.ca/public/GenOutputCapability/PUB_GenOutputCapability_20090830.xml

Update: Exelon's 619 MW Oyster Creek Nuke Unit in New Jersey at Full Power by August 30

The unit was reduced last week to repair a pipe. The Nuclear Regulatory Commission reported that on the morning of August 29 the unit was operating at 57 percent.

Reuters, 08:04 August 31, 2009

Bloomberg News, 07:37 August 31, 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: AES's 175 MW Alamos Gas-fired Unit 2 in California Returns to Service by August 30

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

<http://www.caiso.com/unitstatus/data/unitstatus200908301515.html>

Petroleum

Hydrocracker Restarts at Valero's 325,000 b/d Port Arthur, Texas Refinery August 31

The unit is restarting following a brief outage.

Reuters, 12:47 August 31, 2009

Fire Reported at Tesoro's 60,000 b/d Mandan, North Dakota Refinery August 29

The brief fire occurred at a sulfur recovery unit and had no impact on refinery production.

Bloomberg News, 11:23 August 31, 2009

Update: Coker Resumes Normal Rates at Valero's 144,000 b/d Benicia, California Refinery August 31

A company spokesman confirmed on August 28 that the unit was being repaired.

DJN, 12:53 August 31, 2009

Hurricane Jimena Shuts Pemex's 260,000 Salina Cruz Refinery in Mexico August 28

A lightning bolt from the storm caused a power failure late August 28. Pemex cut power to the rest of the refinery as a safety measure.

Bloomberg News, 17:14 August 29, 2009

Update: Crude Production Restarts at Mobil Cepu Field in Indonesia

Crude production from Cepu field, which was shut in March, will have an initial restart production between 2,000 and 5,000 b/d and be expected to increase to 15,000 b/d by the end of September. Cepu should have a peak production of about 165,000 b/d by 2014.

http://www.rigzone.com/news/article.asp?a_id=79811

Natural Gas

Infinity Energy Resources Resumes Production at Barnett Shale in Texas

Production at the Shale was reduced in April following a lightning strike that damaged a salt water disposal well.

http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/08-31-2009/0005085158&EDATE=

ExxonMobil's 400 MMcf/d Sable Energy Island Resumes Normal Production Offshore Nova Scotia August 30

ExxonMobil said output has returned to normal levels at the Sable Island Offshore Energy Project in Nova Scotia, Canada. The facility was shut for maintenance and remained down due to Tropical Storm Danny.

NGI's Daily Gas Price Index, 11:39 August 31, 2009, <http://intelligencepress.com/>

Other News

Nothing to Report.

Energy Prices

U.S. Oil and Gas Prices			
August 31, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	69.89	73.97	115.55
NATURAL GAS Henry Hub \$/Million Btu	2.52	2.78	8.36

Source: Reuters

Energy Notes

Transmission Line Problem Knocks Out Power to 12,000 NPPD Customers in Nebraska and 14,500 West River Electric Association Customers in South Dakota August 29

<http://www.kotatnow.com/Global/story.asp?S=11013630>

Post-Tropical Storm Danny Knocks Out Power to 16,000 Nova Scotia Power Customers in Nova Scotia August 30

<http://www.capebretonpost.com/index.cfm?sid=282211&sc=145>

Suncor Reports Fatal Accident at Oil Sands Site in Alberta August 31

http://www.downstreamtoday.com/news/article.aspx?a_id=17938

North Dakota PSC Approves Xcel's Proposed 150 MW Wind Powered Facility in North Dakota

<http://finance.yahoo.com/news/Regulators-approve-Xcel-apf-936020796.html?x=0&.v=1>

Accident at TransCanada's Pipeline Pumping Station in Saskatchewan Kills One August 26

http://www.pentictonherald.ca/stories_national.php?id=207830

Tanker Truck Carrying Crude Rolls Over on Highway in New Mexico August 28, Driver Killed

<http://www.dallasnews.com/sharedcontent/APStories/stories/D9ACO4280.html>

Sour Amine Treater Causes Flaring at 160 MMcf/d Goldsmith Gas Plant in Texas August 28

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=128793>

Power Failure Causes Equipment Failure at Tilden Gas Plant in Texas August 29

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=128796>

Process Upset at Pittsburg Gas Plant in Texas August 29

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=128801>

Leak at Gas Discharge Line Discovered at Love Booster Station in Texas August 28

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=128795>

Equipment Failure during Thunderstorm Causes Flaring at Alon's 70,000 b/d Big Spring, Texas Refinery August 28

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=128778>

Northwest Renewable to Begin Construction of Proposed 24 MW Biomass Energy Conversion Plant in Washington in 2010

<http://www.electric.co.uk/news/northwest-renewables-will-construct-biomass-plant-next-year-12341139.html>

AEP Ohio Applies for \$75 Million of Federal Stimulus Funds for Smart Grid Demonstration Project August 31

DJN, 12:30 August 31, 2009

Consolidated Edison Applies for \$46 Million Federal Funds for Smart Grid Demonstration Projects August 31

DJN, 10:03 August 31, 2009

CEC Awards Electric Transportation Engineering Corp. (eTec) \$8 Million for Deployment of Charge Infrastructure and Electric Vehicles in San Diego, California

BSW, 08:00 August 31, 2009

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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