



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

ENERGY ASSURANCE DAILY

Monday Evening, September 12, 2011

Electricity

Update: SCE's 1,070 MW San Onofre Nuclear Unit 2 in California Ramped Up to 98 Percent by September 12, 1,080 MW Unit 3 Ramped Up to 4 Percent by September 12

A grid disturbance that caused a major blackout in parts of southern California, Arizona, and Mexico last Thursday also caused Southern California Edison's 1,070 MW San Onofre Nuclear Unit 2 and 1,080 MW Unit 3 reactors to go off line. The Nuclear Regulatory Commission (NRC) reported that on the morning of September 11 Unit 2 was operating at 10 percent and Unit 3 remained off line.

<http://www.cnn.com/2011/US/09/08/california.power.outages/index.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Thunderstorms Knock Out Power to 25,000 Tucson Electric Power Customers in Arizona September 10; 250 Customers Still without Power September 11

Storms knocked down more than 50 power poles in Tucson, Arizona, September 10, causing 25,000 Tucson Electric Power customers in Arizona to lose power. As of Sunday night, 250 customers remained without power.

http://azstarnet.com/news/science/environment/article_3564186c-d3f2-566e-867a-f7cbd94ba8f9.html

<http://www.kgun9.com/news/local/129615483.html>

<http://www.kvoa.com/news/power-still-out-around-tucson-area/>

DATC Announces Plan to Develop 1,300 Circuit Miles of 345 kV and 550 miles of 500 kV Transmission Lines in Five U.S. Midwestern States over 10 Years September 12

Duke-American Transmission Co. (DATC) announced in a press release today its first set of transmission projects that include seven new transmission line projects in Iowa, Wisconsin, Illinois, Indiana, and Ohio.

<http://www.datc.com/news-releases/datc-announces-integrated-transmission-development-plan-in-five-midwestern-states/>

Update: Abengoa Solar Begins Construction on 250 MW Mojave Solar Project near Harper Lake, California September 11

Abengoa Solar has begun construction of a 250 MW solar farm near Harper Lake, California, which is expected to be completed in 2014.

<http://www.desertdispatch.com/news/construction-11554-abengoa-ahead.html>

PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Reduced to 83 Percent by September 10, at Full Power by September 11

The Nuclear Regulatory Commission reported that on the morning of September 10 the unit was operating at 83 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Update: PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey Reduced to 44 Percent by September 12

The Nuclear Regulatory Commission reported that on the morning of September 11 the unit was operating at 58 percent. Public Service Enterprise Group (PSE&G) said it slowed the reactor because water intake pipes were clogged by debris in the Delaware River.

Reuters, 19:55 August 31, 2011

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

TVA's 1,126 MW Sequoyah Nuclear Unit 2 in Tennessee Reduced to 75 Percent by September 12

The Nuclear Regulatory Commission reported that on the morning of September 11 the unit was operating at 99 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Exelon's 1,067 MW Clinton Nuclear Unit in Illinois Reduced to 79 Percent by September 11, Ramped Up to 97 Percent by September 12

The Nuclear Regulatory Commission reported that on the morning of September 11 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/2011/>

Update: Indiana-Michigan Power's 1,000 MW D.C. Cook Nuclear Unit 1 in Michigan at Full Power by September 12

On the morning of September 7, the reactor automatically tripped due to a fault with the main turbine. The Nuclear Regulatory Commission reported that on the morning of September 11 the unit was operating at 85 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110908en.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Reduced to 75 Percent by September 11, Up to 98 Percent by September 12

The Nuclear Regulatory Commission reported that on the morning of September 11 the unit was operating at 75 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Ameren's 1,125 MW Callaway Nuclear Unit in Missouri Reduced to 91 Percent by September 11, at Full Power by September 12

The Nuclear Regulatory Commission reported that on the morning of September 11 the unit was operating at 91 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

PSE&G's 1,049 MW Hope Creek Nuclear Unit 1 in New Jersey Reduced to 75 Percent by September 10, at Full Power by September 11

The Nuclear Regulatory Commission reported that on the morning of September 10 the unit was operating at 75 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/>

Exelon's 1,134 MW Limerick Nuclear Unit 2 in Pennsylvania Reduced to 80 Percent by September 10, at Full Power by September 11

The Nuclear Regulatory Commission reported that on the morning of September 10 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/2011/>

Dynegy's 335 MW El Segundo Generating Station Gas-Fired Unit 3 in California Shut by September 9, Returns to Service by September 11

According to the California Independent System Operator, the unit reported a return from an unplanned outage that was reported on September 9.

<http://content.aiso.com/unitstatus/data/unitstatus201109091515.html>

<http://content.aiso.com/unitstatus/data/unitstatus201109111515.html>

Dynegy's 510 MW Moss Landing Gas-Fired Unit 2 in California Shut by September 11

According to the California Independent System Operator, the unit reported an unplanned outage on September 11.

<http://content.aiso.com/unitstatus/data/unitstatus201109111515.html>

AES's 225 MW Huntington Beach Gas-Fired Unit 3 in California Shut by September 9, Returns to Service by September 10

According to the California Independent System Operator, the unit reported a return from an unplanned outage that was reported on September 9.

<http://content.aiso.com/unitstatus/data/unitstatus201109091515.html>

<http://content.aiso.com/unitstatus/data/unitstatus201109101515.html>

San Diego Gas & Electric's 566 MW Palomar Energy Center Gas-Fired Unit in California Shut by September 9

According to the California Independent System Operator, the unit reported an unplanned outage on September 9.

<http://content.aiso.com/unitstatus/data/unitstatus201109091515.html>

Petroleum

Update: Pemex Restarts 330,000 b/d Salinas Cruz Refinery in Mexico September 9

The refinery in Oaxaca shut down September 6 after a power outage forced the company to shut down 26 processing plants for safety reasons.

Reuters, 15:02 September 9, 2011

Update: ConocoPhillips Reopens Penglai 19-3 Field in Bohai Bay, Offshore China by September 12

The wells were shut on July 13 due to an ongoing oil spill. The State Oceanic Administration ordered ConocoPhillips to suspend production from Penglai Platforms B and C, resulting in a temporary reduction of about 17,000 b/d of oil production.

Reuters, 9:35 September 12, 2011

Total Petrochemical Unexpectedly Shuts Crude Unit at 232,000 b/d Port Arthur Refinery in Texas September 11

The refinery restarted September 7 after an operational upset in the sulfur recovery units. According to a notice filed with the U.S. National Response Center, a coking unit at the refinery suffered a blow-out Sunday night. On Monday, traders reported that a crude unit was shut over the weekend for unplanned repairs and was expected to come online later this week.

Reuters, 11:53 September 11, 2011

http://www.marketwatch.com/story/total-shuts-crude-unit-at-port-arthur-texas-2011-09-12?reflink=MW_news_stm

<http://af.reuters.com/article/commoditiesNews/idAFWEN815820110912>

Enbridge Says New Pipeline Will Add 450,000 b/d Capacity to Athabasca System in Alberta to Deliver Oil Sands Crude by 2016 September 12

The \$1.2 billion pipeline expansion will include 345 kilometers (about 214 miles) of 36-inch pipeline, with the potential to expand to 800,000 b/d. It will twin the southern section of the Athabasca pipeline from Kirby Lake, Alberta, to Hardisty, Alberta. The pipeline should be initially operational by early 2015 and at full capacity by 2016.
<http://www.enbridge.com/MediaCentre/News.aspx?yearTab=en2011&id=1497880>

Single Tank of No. 6 Fuel Oil Explodes and Fire Ensues at Martin Midstream's Stanolind Terminal in Beaumont, Texas September 10

The single tank contained approximately 4,700 barrels of No. 6 Fuel oil. According to Martin Midstream, no other operations at the terminal were impacted.
Reuters, 9:45 September 11, 2011
http://www.marketwatch.com/story/martin-midstream-partners-lp-reports-service-disruption-and-explosion-and-fire-at-stanolind-terminal-location-2011-09-12?reflink=MW_news_stmp

Natural Gas

Line Leak Causes Flaring at DCP's GLDU Station 8 in Texas September 11

Flaring occurred at the plant due to DCP repairing its line leak. The repair is scheduled to be completed by September 14.
<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=159051>

Small Earthquake Causes Shutdown of Sacroc Carbon Dioxide Treatment Plant in Texas September 11

A 4.4 magnitude earthquake in the immediate area caused all plant compressors to have an emergency shutdown. The emergency shutdown was the result of the vibration alarms triggering the shutdown process. Plant operators called the field technicians for gas cuts from the production wells and immediate action to restart the gas compression to stop the flaring.
<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=159054>
<http://www.chron.com/news/article/Minor-quake-felt-in-part-of-West-Texas-2166329.php>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
September 12, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	89.05	89.93	77.13
NATURAL GAS Henry Hub \$/Million Btu	3.96	4.18	3.79

Source: Reuters

Energy Notes

Update: After Flooding September 8–9, 13,600 NYSEG Customers Remain without Power in New York, Pennsylvania, and New Jersey September 12

<http://www.nyseg.com/OurCompany/News/2011/091111flooding.html>

Substation Malfunction Cuts Power to 13,500 National Grid Customers in Malone, New York over the Weekend; Approximately 4,000 Still without Power Monday September 12

<http://www.wptz.com/r/29151394/detail.html>

DCP Midstream Experiences Equipment Problems at 160 MMcf/d Goldsmith Gas Plant, Is Unable to Handle Produced Gas from CAG 437 Satellite Battery in Texas September 11

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159059>

Compressor Station 5 Briefly Shuts Due to Equipment Failure at Cedar Lake Booster Station in Texas September 10

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159042>

AGI Units 1 and 2 Briefly Shut Down Due to Electrical Problem at Tilden Gas Plant in Texas September 10

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159048>

Compressors Go Down Due to Plugged Inlet Scrubber Drain, Causes Flaring at Keystone Gas Plant in Texas September 10

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159049>

Transmitter Failure Briefly Shuts Down SRU at Teague Gas Plant in Texas September 10

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=159050>

Links

This Week in Petroleum from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EDT every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EDT every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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