



ENERGY ASSURANCE DAILY

Tuesday Evening, September 08, 2009

Electricity

SCE to Begin Upgrades at its San Onofre Nuke Power Plant in California

The project will replace four original steam generators in two generating units. Unit 2 steam generators will be replaced during a planned 97-day outage in the fall. Unit 3 generators will be replaced during a planned outage in late 2010.

[http://www.sandiego6.com/news/local/story/San-Onofre-Nuclear-Plant-Undergoing-
Upgrades/CIAXnaJd0SU1Di0L3R0cg.csp?rss=800](http://www.sandiego6.com/news/local/story/San-Onofre-Nuclear-Plant-Undergoing-Upgrades/CIAXnaJd0SU1Di0L3R0cg.csp?rss=800)

U.S. DOE Finalizes \$535 Million Loan Guarantee for Solyndra Inc. Solar Photovoltaic Panels Manufacturing Facility

The funding will finance the construction of Solyndra's new solar photovoltaic manufacturing facility in California.

<http://www.egovmonitor.com/node/27827>

Equipment Failure Causes Brief Power Outage for 33,000 Kauai Island Utility Cooperative Customers in Hawaii September 7

According to a company spokesman, a "large portion" of the utility's 33,000 customers lost power for about a half hour before a backup unit went online.

[http://www.honoluluadvertiser.com/article/20090905/NEWS18/909050332/Brief+power+outage+hits+most+of+Ka
ua+i](http://www.honoluluadvertiser.com/article/20090905/NEWS18/909050332/Brief+power+outage+hits+most+of+Kauai)

Luminant to Shut its 750 MW Martin Lake Coal-fired Unit 2 in Texas September 9

The unit is being shut to repair a boiler tube leak.

Reuters, 12:33 September 8, 2009

FPL's 839 MW Saint Lucie Nuke Unit 2 in Florida Reduced to 76 Percent by September 8

The Nuclear Regulatory Commission reported that on the morning of September 7 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/>

Duke Energy's 1,100 MW McGuire Nuke Unit 2 in North Carolina Shut by September 6

The Nuclear Regulatory Commission reported that on the morning of September 5 the unit was operating at 36 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Dynegy's 335 MW El Segundo Gas-fired Unit 3 in California Shut by September 5

According to the California Independent System Operator, the unit reported an unplanned outage on September 5.

<http://www.caiso.com/unitstatus/data/unitstatus200909051515.html>

Duke's 325 MW Morro Bay Unit 3 Gas-fired Unit in California Shut by September 5

According to the California Independent System Operator, the unit reported an unplanned outage on September 5.

<http://www.caiso.com/unitstatus/data/unitstatus200909051515.html>

AEP's 528 MW Welsh Coal-fired Unit 3 in Texas Shut September 4

Reuters, 18:45 September 4, 2009

AES's 175 MW Redondo Gas-fired Unit 6 in California Reduced by September 4, Returns to Service by September 5

According to the California Independent System Operator, the unit reported an unplanned curtailment of 103 MW on September 4.

<http://www.caiso.com/unitstatus/data/unitstatus200909041515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200909051515.html>

Update: Energy Northwest's 1,107 MW Columbia Nuke Unit Ramps up to Full Power by September 8

The unit shut early August after a fire led to an unplanned shutdown for four weeks. The unit resumed full power by today, up from 49 percent on Friday.

Reuters, 12:12 September 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: AES's 226 MW Huntington Beach Gas-fired Unit 1 in California Returns to Service by September 7

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

<http://www.caiso.com/unitstatus/data/unitstatus200909071515.html>

Update: Exelon's 1,116 MW Peach Bottom Nuke Unit 2 in Pennsylvania Ramped Up to 96 Percent by September 6

The Nuclear Regulatory Commission reported that on the morning of September 5 the unit was operating at 65 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: PPL's 1,105 MW Susquehanna Nuke Unit 1 in Pennsylvania Ramped Up to 94 Percent by September 6

The Nuclear Regulatory Commission reported that on the morning of September 5 the unit was operating at 67 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Exelon's 850 MW Dresden Nuke Unit 3 in Illinois Ramped Up to 99 Percent by September 6

The Nuclear Regulatory Commission reported that on the morning of September 5 the unit was operating at 68 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Mirant's 317 MW Pittsburg Gas-fired Unit 6 in California Returns to Service by September 6

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

<http://www.caiso.com/unitstatus/data/unitstatus200909061515.html>

Update: Duke's 325 MW Morro Bay Gas-fired Unit 3 in California Returns to Service by September 6

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

<http://www.caiso.com/unitstatus/data/unitstatus200909061515.html>

Update: Duke's 325 MW Morro Bay Gas-fired Unit 4 in California Returns to Service by September 4

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

<http://www.caiso.com/unitstatus/data/unitstatus200909041515.html>

Update: Cabrillo Power's 330 MW Encina Gas-fired Unit 5 in California Returns to Service by September 5

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 262 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200909051515.html>

Update: PG&E's 407 MW Helms Hydro Unit 1 in California Returns to Service by September 4

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 114 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200909041515.html>

Petroleum

Update: Obama Administration Approves Cobra Oil & Gas's Proposed 800,000 b/d Crude Pipeline from Canada to the United States

The 1,000-mile pipeline will carry crude from oil sands in Alberta into the lower 48 states.

http://www.businesswire.com/portal/site/google/?ndmViewId=news_view&newsId=20090908005851&newsLang=en

Business Wire, 09:00 September 8, 2009

Valero to Shut Units at its 182,200 b/d Delaware City, Delaware Refinery

Valero announced that the company plans to shut "the coker and gasifier units at the refining to reduce cost, improve reliability, and allow the refinery to run a lighter crude slate and shift production to higher-margin products". The plans call for the gasifier complex to be shut indefinitely and the coker to be closed until economics improve.

Valero has lowered its Northeast refinery third quarter production estimates to 480,000 to 490,000 b/d from its original projected rates of 500,000 to 510,000 b/d.

<http://www.reuters.com/article/pressRelease/idUS166531+08-Sep-2009+BW20090908>

Update: Reformer at Frontier Oil's 130,000 b/d El Dorado, Kansas Refinery Resumed Planned Rates September 8

The 22,000 b/d reformer was shut in late August due to a fire.

Reuters, 11:00 September 8, 2009

Update: Suncor Cancels Plans for New Coker at its Montreal Refinery in Canada

In addition, according to a company spokesman, plans for a new hydrocracking unit are also under review.

Bloomberg News, 11:04 September 8, 2009

Update: PdVSA Completes FCCU Expansion Project at its El Palito Refinery in Venezuela

The project raised the refinery's capacity from 54,000 b/d to 60,000 b/d. The refinery's capacity will eventually increase to 70,000 b/d

Reuters, 15:37 September 4, 2009

Natural Gas

Yankee Gas Services Considers Distribution System Expansion in Connecticut

According to Yankee Gas's plans, construction of a 16-inch diameter pipeline beginning in 2011 to be in service in 2011.

http://www.downstreamtoday.com/news/article.aspx?a_id=18054

Incident at 70 MMcf/d Fullerton Gas Plant and Causes Flaring at Riley, Andrews, and South Fullerton Booster Stations in Texas September 6

Fullerton Gas Plant experienced problems with its sweetening plant and went sour.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=129067>

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=129068>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129069>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129073>

Sulfur Recovery Equipment Failure Leads to Flaring at Bryans Mill Gas Plant in Texas September 8

Repairs on the Tail gas analyzer are expected to be completed and the unit operating normally by September 9.
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129101>

Other News

Energy Secretary Chu Announces \$300 Million Funds for Clean Cities Program to Support Clean Fuels, Vehicles, and Infrastructure Development

Funds for the Clean Cities program, from the American Recovery Reinvestment Act, will be awarded to 25 cost-share projects. These projects will put more than 9,000 alternative fuel and energy efficient vehicles on the road and establish 542 refueling locations across the country. DOE estimates that the projects will displace about 38 million gallons of petroleum per year.

<http://www.pollutiononline.com/article.mvc/Secretary-Chu-Announces-Nearly-300-M-In-Clean-0001?VNETCOOKIE=NO>

Energy Prices

U.S. Oil and Gas Prices			
September 8, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	71.52	69.09	105.48
NATURAL GAS Henry Hub \$/Million Btu	1.83	2.42	7.40

Source: Reuters

Energy Notes

A Coalition of State Municipalities Plans to Purchase Transmission Lines in Connecticut and Create the Connecticut Transmission Municipal Electric Energy Cooperative (CT Transco)

<http://www.istockanalyst.com/article/viewiStockNews/articleid/3461554>

Montana DEQ Approves Air Permit for Southern Montana Electric Generation and Transmission's proposed 120 MW Gas-fired Power Plant

http://helenair.com/news/state-and-regional/article_88bb5c60-99e4-11de-a8c8-001cc4c002e0.html

Nevada Panel Recommends Spending \$3 Billion on Transmission Lines to Connect Renewable Energy Sites to Existing Transmission Infrastructure

<http://www.rgj.com/article/20090905/NEWS07/90905026/1321/NEWS>

Xcel Energy Launches "SmartGridCity" Project in Boulder, Colorado

<http://denver.bizjournals.com/denver/stories/2009/09/07/daily12.html?ana=yfcpc>

PECO Expanding Utility Fleet Vehicles to Cleaner, Alternative Fuels
<http://finance.yahoo.com/news/NGVs-PHEVs-Expanding-PECOs-bw-1452395728.html?x=0>

Two 500 Ton Steam Generators Being Sent to Exelon's 837 MW Three Mile Island Nuke Plant in Pennsylvania
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129101>

Crack in Coking Unit Causes Flaring at ExxonMobil's 365,000 b/d Beaumont, Texas Refinery
Bloomberg News, 11:06 September 4, 2009

Fire Reported at Denbury Oil's Oil Storage Terminal Damages Two 20,000 Gallon Holding Tanks September 5
http://www.tankstoragemag.com/industry_news.php?item_id=1234

Fire at Gas Drilling Site in Texas, Damages Trucks and Equipment September 3
<http://www.star-telegram.com/texas/story/1583269.html>

Colorado Investigating Water Contamination by Gas Exploration Companies around the Piceance Basin
<http://www.postindependent.com/article/20090906/VALLEYNEWS/909059998/1001/FRONTPAGE>

Acid Gas Compressor Shut at 290 MMcf/d Waha Gas Plant in Texas September 6
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129081>

Upset Shuts SRU and Scott Plant at Pittsburg Gas Plant in Texas September 4
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129060>

SRU Upset Leads to Flaring at Bryans Mill Gas Plant in Texas September 8
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129101>

Equipment Failure at Boyd Compressor Station in Texas September 8
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129022>

Weather-Related Power Failure Causes Flaring at Weir Booster Station in Texas September 6
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129072>

Compressor Shut, Leads to Flaring at Cedar Lake Booster Station September 4
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129017>

Marine Bio-Fuel Inc. Commences Operation of 1 Million Gallons per Year Biodiesel Refinery from Cooking Grease in Maine
<http://mainebusiness.maintoday.com/story.php?id=281870&ac=PHbiz&hcode=pph>

According to the Toronto Star: Canada is Considering a Plan to Cap Emissions on Manufacturing while Allowing Oil-Sands Industry to Meet Less Stringent Targets
<http://www.thestar.com/news/ontario/article/691316>
<http://www.bloomberg.com/apps/news?pid=20601082&sid=a4kPAVrDSxh4>

World Oil Supplies to Reach Peak Production Sooner than Expected – IEA Economist
http://www.rigzone.com/news/article.asp?a_id=80071

Nigerian Government Acting to Prevent Attacks that Could Impede 1.7 MMb/d Crude Output Target
http://www.rigzone.com/news/article.asp?a_id=80069

Qatargas Commences Operation at its 1.2 Tcf/yr Train 5 LNG Production Facility in Dubai

Reuters, 08:11 September 8, 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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