



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

ENERGY ASSURANCE DAILY

Thursday Evening, September 10, 2009

Electricity

FPL's 839 MW Saint Lucie Nuke Unit 2 in Florida Shut by September 10

FPL took the unit offline to fix a pump motor, a company spokesman said. He did not say when the unit might return to service. The Nuclear Regulatory Commission reported that on the morning of September 9 the unit was operating at 76 percent.

Bloomberg News, 07:28 September 10, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

PG&E's 1,087 MW Diablo Canyon Nuke Unit 1 in California Reduced to 87 Percent by September 10

The Nuclear Regulatory Commission reported that on the morning of September 9 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/>

Dynegy's 335 MW El Segundo Gas-fired Unit 3 in California Shut by September 9

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

<http://www.caiso.com/unitstatus/data/unitstatus200909091515.html>

SCE's 1,070 MW San Onofre Nuke Unit 2 in California at Full Power by September 10

The Nuclear Regulatory Commission reported that on the morning of September 9 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/>

Tampa Electric Completes Five 60 MW Gas-fired Peaking Units in Florida by September 10

Tampa Electric has installed five 60 MW gas-fired peaking units at existing power facilities in Florida, it said on September 10. The company completed two of those units—Units 5 and 6 at the H.L. Culbreath Bayside Power Station—in April of 2009. It installed two more units (Units 3 and 4) at the Bayside station, and a fifth unit at the existing Big Bend Power Station, according to the September 10 statement. All five units have “quick start” and “black start” capabilities, meaning they can reach full power within ten minutes, and can power-up via a small on-site engine-driven generator.

<http://www.tampaelectric.com/news/article/index.cfm?article=502>

Update: Alliant Eyes 2009 Start Date for 200 MW Whispering Willow-East Wind Farm in Iowa

Alliant Energy expects to open 200 MW of power capacity this year at the Whispering Willow-East Wind Farm in Iowa, company officials said. The project could ultimately yield 500 MW of power, including 100 MW from the proposed associated Whispering Willow-West Wind Farm. Alliant did not say when it might open any expansion.

<http://www.ktiv.com/Global/story.asp?S=11101520>

Basin Electric, Next Era Energy Resources Plan 99 MW Day County Wind Farm in South Dakota

The project would involve 66, 1.5 MW wind turbines. The companies expect to open the facility by mid-2010.

http://www.basinelectric.com/News_Center/News_Releases/BEPC_and_NextEra_Energy_sign_agreement_for_wind_project.html

Canadian Hydro Developers to Officially Open 197.8 MW Wolfe Island EcoPower Wind Facility in Ontario, Canada September 10

The facility began commercial operations in June 2009, but Canadian Hydro Developers planned to hold an official opening event on September 10, according to a release.

MKW, 15:30 September 9, 2009

Petroleum

Marathon Restarts 226,000 b/d Catlettsburg, Kentucky Refinery after Storm-Related Power Outage September 10

A thunderstorm knocked out power to Marathon Oil Corp.'s 226,000 b/d Catlettsburg, Kentucky refinery on September 10, but operators began restarting the facility later in the day, the company said. A source did not indicate the extent of the disruption, and a refinery spokeswoman was unsure when the facility would resume normal rates.

Reuters, 11:56 September 10, 2009

Alon Shuts Compressor on Harsh Weather at 70,000 b/d Big Spring, Texas Refinery September 9

Harsh weather forced Alon to shut a wet gas compressor in the gasoline-producing fluid catalytic cracking unit (FCC) at its 70,000 b/d Big Spring Texas refinery, the company said.

Reuters, 13:13 September 10, 2009

NuStar Completes 12.5-mile Products Pipeline Extension in Kansas by September 7—Company Doubles Gasoline and Fuel Oil Transportation Capacity

NuStar completed a 12.5-mile expansion along its existing, El Dorado-to-Potwin East Pipeline System in Kansas, the company said by September 7. The project, which included new pump systems, doubled NuStar's existing gasoline and fuel oil delivery capacity. The company can now transport 96,000 b/d of gasoline and 89,000 b/d of fuel oil in Kansas.

<http://www.bizjournals.com/sanantonio/stories/2009/09/07/daily15.html>

Update: BHP Billiton Increases Oil Production to 120,000 b/d at Shenzi Field in Gulf of Mexico

BHP Billiton began production at the Shenzi offshore oilfield in March 2009, and increased output to 120,000 b/d by September 10, the company said. The field was initially slated to yield just 100,000 b/d.

<http://www.bhpbilliton.com/bb/investorsMedia/news/2009/bhpBillitonsShenziFacilityExceedingProductionExpectations.jsp>

Update: Valero Says Refiners Could Cut Utilization to 70 Percent, from Current 80 Percent, on Profit Concerns

Valero expects the U.S. economy to grow in 2010, but said refiners might cut utilization rates to 70 percent—from the current 80 percent—on short-term demand concerns.

http://money.cnn.com/news/newsfeeds/articles/djf500/200909091032DOWJONESDJONLINE000433_FORTUNE5.htm

Update: Suncor Energy Abandons Plans for 25,000 b/d Heavy Oil Coker Unit at 130,000 b/d Montreal, Canada Refinery

Citing market conditions and alternate opportunities, Suncor Energy canceled plans to build a 25,000 b/d heavy-oil-processing coker unit at its existing 130,000 b/d Montreal, Canada refinery, a spokesman said on September 9. Suncor acquired Petro-Canada, the plan's original backer, in August 2009. Petro-Canada had previously delayed the project due to economic concerns.

<http://www.reuters.com/article/rbssEnergyNews/idUSN0933682220090909>

Natural Gas

Encana, Shell Sign Deal with CenterPoint Energy to Expand Natural Gas Gathering/Treating Facilities in Haynesville Shale, Louisiana

CenterPoint Energy Field Services signed deals with subsidiaries of Encana and Shell to acquire and expand existing natural gas gathering facilities in Louisiana's Haynesville Shale, CenterPoint said. The company expects to expand the 100 MMcf/d facilities by 600 MMcf/d, to a total 700 MMcf/d.

<http://www.centerpointenergy.com/newsroom/newsreleases/5e2bf1b7b80a3210VgnVCM10000026a10d0aRCRD/>

Other News

EIA Announces Energy and Financial Markets Initiative September 9

The Energy Information Administration (EIA) launched an "Energy and Financial Markets Initiative" to help understand and analyze what drives energy prices, the EIA said in a press release. In addition to traditional market "fundamentals," the EIA aims to "assess other influences, such as speculation, hedging, investment, and exchange rates, as we seek to fully understand energy price movements," said EIA's Administrator. The EIA expects to widen the scope of its data collection in the areas of commercial oil and refined products storage capacity. It also plans to request input toward identifying additional data sources. By October 2009, the EIA expects to publish a semi-annual report, "Market Assessment of Planned Refinery Outages," identifying regions where planned refinery shutdowns could impact supply and prices.

<http://www.eia.doe.gov/neic/press/press325.html?featureclicked=1>

GreenField Ethanol Opens 53 MMGal/Yr Ethanol Plant in Ontario, Canada September 9

GreenField Ethanol held a grand opening at its 53 MMGal/Yr. ethanol plant in Johnstown, Ontario on September 9, multiple sources reported.

<http://www.newswire.ca/en/releases/archive/September2009/09/c3487.html>

<http://www.ottawacitizen.com/business/Ethanol+plant+picks+steam/1978427/story.html>

Energy Prices

U.S. Oil and Gas Prices			
September 10, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	71.56	68.48	102.20
NATURAL GAS Henry Hub \$/Million Btu	2.72	2.25	7.28

Source: Reuters

Update: NRC Accepts FPL License Application for Two New 1,100 MW Nuclear Reactors at Existing Turkey Point Site in Florida by September 8

<http://www.nrc.gov/reading-rm/doc-collections/news/2009/09-149.html>

PSE&G-Backed Energy Storage & Power Develops System to Store Electricity Underground, in Form of Compressed Air

http://www.philly.com/inquirer/breaking/business_breaking/20090909_N_J_venture_uses_compressed_air_to_store_energy.html

Illinois Institute of Technology Launches Initiative to Accelerate Development of Smart Grid in Illinois

http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/09-09-2009/0005091087&EDATE=

SRU, FCC-Related Flaring at Alon's 67,000 b/d Big Spring, Texas Refinery by September 10

Bloomberg News, 13:08 September 10, 2009

PdVSA Restarts 110,000 b/d Cat Cracker at Amuay Refinery in Venezuela by September 10—Unit had been Offline for 24 Days, According to Petrofinanzas

Bloomberg News, 13:23 September 9, 2009

Update: ExxonMobil Completes Drilling, Casing on Second Point Thomson Well in Alaska, Expects to Begin Natural Gas, Condensate Production by end of 2014

http://www.rigzone.com/news/article.asp?a_id=80169

Thief Takes Empty Fuel Tanker from M.M. Satterfield Oil Co. in Arkansas September 8—FBI Sees no Terrorism Connection

<http://www.kfsm.com/news/sns-ap-ar--tankerstolen,0,4733589.story>

Panamanian Fuel Tanker Breaks in Half, Begins Sinking near Red Sea Entry Point of Suez Canal—Workers Contain Engine Fuel Spill, Egyptian Official Says September 8

http://www.downstreamtoday.com/news/article.aspx?a_id=18090

Thunderstorms Cut Power to Todd Field Natural Gas Gathering System, Triggering Flaring at Associated Belvan Midway Lane Gas Plant in Texas September 9

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=129190>

Bearing Temperature Spike Causes Brief Turbine Shutdown at Goldsmith Gas Plant in Texas September 9

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=129162>

Williams Receives FERC Okay for Planned 308,500 Dth/d Expansion along Transco Natural Gas Pipeline in U.S. Southeast September 9

http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/09-09-2009/0005091000&EDATE=

DOE-Sponsored CO2 Sequestration Project Begins in West Virginia September 8—Field Trial Involves Enhanced Coalbed Methane Recovery with Simultaneous CO2 Sequestration in an Unmineable Coal Seam

http://fossil.energy.gov/news/techlines/2009/09063-First-of-a-Kind_Sequestration_Fiel.html

Nexterra to Develop Biomass Gasification System in Connecticut—Resultant “Syngas” Will Displace about 77,000 MMBtu/year of Natural Gas, Company Says

<http://www.nexterra.ca/news/090910.html>

City of Edmonton, Canada Expects to Open Waste-Based Biofuels Production Facility in 2012

<http://www.edmontonjournal.com/technology/waste+facility+opens+Edmonton/1975966/story.html>

Sunoco Reports Higher-than-Expected Hydrogen Cyanide Emissions at 178,000 b/d Marcus Hook, Pennsylvania Refinery and 335,000 b/d Philadelphia, Pennsylvania Refinery

Bloomberg News, 11:51 September 10, 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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