



ENERGY ASSURANCE DAILY

Monday Evening, September 17, 2007

Major Developments

Update: Entergy Completes Power Restoration in Texas and Louisiana after Humberto

All Entergy customers affected by Hurricane Humberto, and who are able to receive power, have been restored. Entergy completed restoration at approximately 10 p.m. September 16 after re-energizing a key transmission line that had been knocked out as Humberto made landfall near High Island, Texas on September 13. Hurricane Humberto caused a peak of 118,019 Entergy customer outages at 8 a.m. September 13. New outages occurred in Louisiana as the storm moved east, even as restoration began in Texas.

http://www.entergy-texas.com/your_home/storm_center/humberto.aspx

Update: FCCU Restarts at Motiva's 285,000 b/d Port Arthur, Texas Refinery September 16

According to a filing with Texas regulators, Motiva began restarting the fluidic catalytic cracking unit (FCCU) on September 16 after the unit shut down due to loss of power during Hurricane Humberto. The restart will be completed on September 22.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97528>

Update: SCOT Unit Briefly Shut at Total's 232,000 b/d Port Arthur, Texas Refinery September 16

According to a filing with Texas regulators, the SCOT Unit shut down for approximately one hour before being brought back online. The cause of the shutdown is not known at this time. According to news reports on September 17, the refinery was in the process of restarting following a shutdown due to loss of power during Hurricane Humberto.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97534>

Electricity

Consumers Energy Selects Site for New 800 MW Clean Coal Power Plant in Michigan

Consumers Energy has selected its Karn/Weadock Generating Complex near Bay City as the site for construction of an 800-megawatt clean coal power plant. The site was selected because of a number of factors, including the ability to ship in coal by rail or water, the proximity to customer load, and the size of the 1,000-acre site, which is large enough to add a new plant and still have the potential for a second new unit. The plant is expected to be in operation in 2015.

<http://www.consumersenergy.com/Newsroom/NewsArticle.asp?ID=1446>

FPL Seeks to Expand Capacity at Turkey Point and St. Lucie Nuclear Power Plants

Florida Power and Light filed for permission to the Florida Public Service Commission to expand its nuclear power production facilities at Turkey Point and St. Lucie. The proposed increase would total approximately 400 MW. Reuters, 14:16 September 17, 2007

Update: Entergy's 852 MW FitzPatrick Nuke Unit in New York Ramps Up to 85 Percent September 17

According to the Nuclear Regulatory Commission Reactor Status Report, the unit has ramped up to 85 percent capacity. The unit was shut on September 12 after debris clogged the plant's water intake.

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

Reuters, 07:53 September 17, 2007

Constellation's 620 MW Nine Mile Point Nuke Unit 1 in New York Reduced to 71 Percent September 17

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

Entergy's 506 MW Vermont Yankee Nuke Unit in Vermont Returned to Full Power September 17

According to the Nuclear Regulatory Commission, the unit was operating at 62 percent on September 14.

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

Update: TVA's 1,155 MW Browns Ferry Nuke Unit 1 in Alabama Returned to Full Power September 17

According to the Nuclear Regulatory Commission, the unit was operating at 73 percent capacity on September 14.

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

Exelon's 867 MW Dresden Nuke Unit 3 in Illinois Reduced to 71 Percent September 17

According to the Nuclear Regulatory Commission's Morning Reactor Status report the unit had been reduced from 99 percent reported on September 14. A spokesman this afternoon reported that the unit was operating at 94 percent after repairs to a valve motor were complete.

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

Reuters, 13:59 September 17, 2007

Entergy's 1,266 MW Grand Gulf Nuke Unit in Mississippi Ramped Up to 96 Percent September 17

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

AEP's 690 MW Oklaunion Coal-fired Unit in Texas Shut September 16

According to a report filed to state regulators, the unit was shut down following a generator leak.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97529>

AEP's 1,077 MW Cook Nuke Unit 2 in Michigan Shut September 15

Reuters, 10:47 September 17, 2007

Progress Energy's 1,129 MW Catawba Nuke Unit 2 in South Carolina Shut September 15

Reuters, 10:47 September 17, 2007

TXU's 575 MW Big Brown Coal-fired Unit 2 in Texas Restarts September 15

According to a filing with Texas regulators, the unit was in restart following early repairs on September 15.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97389>

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97384>

TXU's 750 MW Martin Lake Coal-fired Unit 1 in Texas Shut September 14

According to a filing with Texas regulators, TXU shut the unit in order to repair a boiler tube leak. According to a second filing, the unit was restarting on the afternoon of September 16.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97499>

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97507>

OPG's 490 MW Nanticoke Coal-fired Unit 2 in Ontario Shut September 17

The unit was taken down in order for repairs to be made.

Reuters, 10:47 September 17, 2007

Reuters, 10:28 September 17, 2007

Calpine's 250 MW Calgary Gas-fired Unit in Alberta Shut September 17

Reuters, 10:47 September 17, 2007

OPG's 516 MW Pickering Nuke Unit 6 in Ontario Shut September 15

Reuters, 10:47 September 17, 2007

TransAlta's 280 MW Sundance Coal-fired Unit 1 in Alberta Shut September 14

Reuters, 10:47 September 17, 2007

Petroleum

Former Exxon CEO Sees Huge Renewal Needed for National Energy Infrastructure

Lee Raymond, said in a speech at the Council on Foreign Relations that the U.S. energy infrastructure must undergo significant improvement in order to achieve higher efficiency. The former Exxon chief executive highlighted that the required changes would be massive, expensive, and time-consuming.

Reuters, 13:45 September 17, 2007

Update: Pemex to Resume Oil and Gas Supplies September 17

Pemex released plans on September 16 to resume natural gas and oil shipments to clients on September 17. The state-owned monopoly suffered six explosions on pipelines after a terrorist attack last week.

Reuters, 21:10 September 16, 2007

Update: Unit 27.1 Restarting at ConocoPhillips's 247,000 b/d Sweeny, Texas Refinery September 17

According to a filing with Texas regulators, Unit 27.1 will initiate startup procedures to return the process to service following the completion of the repair work.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=97393>

CDU Shut at Murphy Oil's 34,300 b/d Superior, Wisconsin Refinery September 15

Reuters, 10:22 September 17, 2007

ConocoPhillips Reports Flaring at 139,000 b/d Carson, California Refinery September 14

Reuters, September 17, 2007

BP Unsure When Prudhoe Bay Will Be at Full Production

The company does not know when full production will be reached after experiencing lower output following fires and needed maintenance.

Bloomberg, September 14, 2007

Natural Gas

Lehman Brothers Announces Plan to Build Natural Gas Trading Hub in Louisiana

Lehman Brothers today announced its plan to build a 40 mile-long natural gas trading hub between Perryville and Delhi in Northeast Louisiana. The project, named the Eagle Hub, will connect as many as 12 major pipeline systems and is expected to have capacity to transport over 2 Bcf/d. The Eagle Hub will facilitate the transportation of natural gas from prolific production areas in Texas, Oklahoma and the Gulf Coast to markets in the Northeast and Midwest. The company expects to provide real time scheduling, wheeling, balancing, park and loan, storage, and other ancillary hub services. The company expects to file an application with the Federal Energy Regulatory Commission in 4Q07, hold an open season in October 2007, and commence service in late 2008.

<http://www.lehman.com/press/>

Clean Energy Begins Construction on Vehicle Fuel LNG Plant in California

Clean Energy Fuels Corp. has begun construction on California's first, large-scale LNG (liquefied natural gas) production plant in the Mojave Desert, approximately 75 miles northeast of Los Angeles. The plant is scheduled to begin commercial shipments in the second half of 2008. LNG produced at the plant is intended to fuel buses and trucks as a result of increasing commercial demand and of new measures instituted by the California Air Resources Board and the Ports of Los Angeles and Long Beach for cleaner vehicles. At the new plant, Clean Energy will liquefy pipeline gas for shipment to customers by tanker trailers. Initial production capacity is anticipated to be 160,000 LNG gallons per day, which will be delivered for use by vehicle fleets throughout California and the Southwest. The facility can be expanded to a production capacity of 240,000 gallons per day. The plant will also have LNG storage capacity of 1.5 million gallons.

<http://www.cleanenergyfuels.com/09/09-13-07.html>

Turbine Briefly Shut at 160 MMcf/d Goldsmith Gas Plant in Texas September 16

According to a filing with Texas regulators, the B-turbine was shut for approximately one-half hour due to high vibrations.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97536>

El Paso's Cheyenne Plains Gas Company Declares Force Majeure after Compressor Station Shutdown September 16

The outage of the Cheyenne Plains Compressor Station has suspended nominations to Wyoming Interstate Company and Colorado Interstate Company. The company does not know when the station will be back in operation.

<http://ebb.cigco.com/ebbCIG/ebbmain.asp?sPipelineCode=CIG>

Pump Coupling Fails at Tilden Gas Plant in Texas September 15

The pump coupling was replaced and the equipment was placed back into service as soon as conditions permitted.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=97520>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
September 17, 2007			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	80.48	76.29	62.80
NATURAL GAS Henry Hub \$/Million Btu	6.38	5.53	5.09

Source: Reuters

Energy Notes

18,000 Customers in Oklahoma City, Oklahoma Lost Power September 16 for Several Hours

<http://newsok.com/article/3127583/1190003883>

USEC Inc. Begins Testing of New Uranium Enrichment Process at Ohio Demonstration Facility

http://biz.yahoo.com/ap/070914/oh_atomic_plant.html?.v=1&printer=1

PG&E in California Issues Shippers Alert for Natural Gas Flows September 15

Reuters, 15:05 September 14, 2007

Angola to Export Record Breaking 1.8 million b/d of Crude in November

Reuters, 11:20 September 17, 2007

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

Energy Assurance Daily provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

Please direct comments and questions to: ead@oe.netl.doe.gov