



ENERGY ASSURANCE DAILY

Monday Evening, August 30, 2010

Electricity

Imperium to Develop 150-170 MW Alternative Energy Park in Florida

The plans call for a gasification plant to burn agriculture and household waste, and install solar panels. Phase I, which would include the gasification plant, is expected to be complete by 2013.

<http://www2.tbo.com/content/2010/aug/27/energy-park-would-come-phases-include-helistop/>

American Municipal Utilities to Begin Construction of Phase II of 84 MW Hydroelectric Power Plant on Ohio River around September 1

Ameren expects the power project to be operational in the fall of 2013.

http://enr.construction.com/yb/enr/article.aspx?story_id=149195009

Vermont Yankee Declares “Unusual Event” at its 563 MW Vermont Yankee Nuclear Power Plant in Vermont on August 29

Operators continued to run the power plant at full power after the staff declared a brief “unusual event” due to a loss of some control room alarm circuits. The event was declared at 7:05 PM EDT on August 30, and was lifted at 8:28 PM.

<http://finance.yahoo.com/news/Vt-Yankee-nuke-plant-has-apf-2118262861.html?x=0&.v=1>

Delta Energy's 880 MW Delta Gas-Fired Unit in California Reduced by August 28

According to the California Independent System Operator, the unit reported an unplanned curtailment of 300 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201008281515.html>

Update: FPL's 693 MW Turkey Point Nuclear Unit 4 in Florida at Full Power by August 30

The Nuclear Regulatory Commission reported that on the morning of August 27 the unit was operating at 40 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: PG&E's 154 MW Kerkhoff Hydro Unit 1 in California Returns to Service by August 27

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

<http://www.caiso.com/unitstatus/data/unitstatus201008271515.html>

Update: Cabrillo Power's 110 MW Encina Gas-Fired Unit 3 in California Returns to Service by August 29

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

<http://www.caiso.com/unitstatus/data/unitstatus201008291515.html>

Update: Crews Ready to Attach Blowout Preventer on Mantle Oil and Gas's Well in Louisiana

The well blew out on August 11 and spewed oil, natural gas, brine, sand, and other materials uncontrolled for about two weeks until it stopped on its own on August 24. The old blowout preventer fell off shortly after the incident.
<http://www.2theadvocate.com/news/latest/101620048.html?showAll=y&c=y>

Total Places New Distillate Hydrotreater into Production at its 232,000 b/d Port Arthur, Texas Refinery

The distillate hydrotreater (DHT-3), which was placed into service on August 16, produces ultra-low sulfur diesel. The unit was part of the Deep Conversion Project, which also includes a 50,000 b/d coker and a vacuum distillation unit.
http://www.downstreamtoday.com/news/article.aspx?a_id=23861

Reformer Shut at Sunoco's 335,000 b/d Philadelphia, Pennsylvania Refinery by August 29: Traders

A spokesperson confirmed operational issues at one of the reformers. The upset had minimal impact on operations at the rest of the refinery.
Reuters, 10:43 August 30, 2010

Crude Unit at ConocoPhillips's 306,000 b/d Wood River, Illinois Refinery Shut by August 28

The unit shut due to a weekend power failure. Power was restored to the refinery on August 29 but as of August 30 a crude distillation unit remained down according to a source familiar with the refinery.
Reuters, 08:25 August 30, 2010

Update: Investigators Determine Likely Cause of April 2 Explosion at Tesoro's 120,000 b/d Anacortes, Washington Refinery

Investigators believe that a "high temperature hydrogen attack" caused the refinery fire. Over time hydrogen under high temperature worked its way into small imperfections in the steel casing of the heat exchanger where it reacted with the carbon in the steel forming methane. The methane caused cracks to develop in the steel until the heat exchanger's casing eventually ripped apart, releasing hydrocarbons and hydrogen that combined to form a fireball. The refinery has been shut since the April explosion, and Tesoro plans to restart refinery operations in October. The units affected by the blast are expected to be replaced sometime next week.
http://www.downstreamtoday.com/news/article.aspx?a_id=23857

Update: Hydrocracker at Valero's 170,000 Benicia, California Refinery Restarts Over Weekend

The unit was restarted following about five days of unplanned maintenance to repair a valve leak.
Reuters, 10:39 August 30, 2010

Update: Crude Unit Restarts at Frontier Oil's 52,000 b/d Cheyenne, Wyoming Refinery by August 27

The crude unit was shut due to a fire on July 28.
<http://online.wsj.com/article/BT-CO-20100827-712369.html>

Update: Several Units Restart at Curacao's 335,000 b/d Isla Refinery in the Netherlands Antilles by August 29

Several minor units have restarted after being shut for five months due to recurring problems at the nearby utility plant that supplies the refinery with water, electricity, and steam.
Reuters, 09:31 August 30, 2010

Natural Gas

Iroquois Gas Transmission Holds Binding Open Season for 375 MDth/d Wright Transfer Compressor Project in New York

The compressor will transfer compression at Iroquois' existing interconnection with Tennessee Gas Pipeline's 200 Line in Wright, New York making the interconnection bi-directional.

<http://www.prnewswire.com/news-releases/iroquois-announces-wright-transfer-compressor-project-open-season-101789168.html>

Southern Union's Gas Plant in Texas Shut by August 27

The plant was shut due to a leak in a pipeline near the Colby Clearfork Tank Battery.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=144116>

Other News

Nothing to Report.

Energy Prices

U.S. Oil and Gas Prices			
August 30, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	74.55	73.04	72.38
\$/Barrel			
NATURAL GAS			
Henry Hub	3.75	4.19	2.76
\$/Million Btu			

Source: Reuters

Energy Notes

U.S. Geothermal Plans San Emidio 11.5 MW Phase I and 26 MW Phase II Geothermal Power Plant in Northwest Nevada

<http://finance.yahoo.com/news/US-Geothermal-Closes-San-iw-2172385938.html?x=0&.v=1>

FERC and State of Colorado Sign a Memorandum of Understanding to Simplify Procedures Authorizing Development of Small-Scale Hydropower Projects in Colorado

<http://www.ferc.gov/media/news-releases/2010/2010-3/08-25-10.asp>

Sirens at Dominion's Surry Nuclear Power Plant in Virginia to Be Tested on September 8

<http://hamptonroads.com/node/566841>

Developers Proposing Hydroelectric Projects Along Mississippi River Bordering Missouri

http://www.stltoday.com/business/article_708a77a1-1829-503f-8c44-942e36860e83.html

Dominion Transmission to Sue Nine Property Owners Refusing to Sell O&G Rights to Protect a Gas Underground Storage Facility in West Virginia after Ten Years of Negotiations

<http://finance.yahoo.com/news/Dominion-sues-gas-owners-to-apf-3348718247.html?x=0&.v=1>

Number of Land-Based Oil Projects on Rise Due to Restrictions on Deep-Water Drilling in the Gulf of Mexico

http://www.usatoday.com/money/industries/energy/2010-08-27-onshore27_ST_N.htm

More Than Half of Natural Gas Drillers in Marcellus Shale in Pennsylvania Missed Deadline to Report Production Levels of Wells to Department of Environmental Protection

http://www.governor.state.pa.us/portal/server.pt/community/news_releases/14288

National Grid to Replace 40 Miles of Older “Most Leak-Prone” Gas Pipelines in Rhode Island

http://www.projo.com/news/content/Gas_Pipes_08-29-10_VTJHV9A_v18.c5a8fd.html

Flaring Reported at Shilling Gas Plant in Texas August 29

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=144122>

Flaring Reported at Sid Richardson Energy Services Gas Pipeline in Texas August 27

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=144121>

Unit 1 at Sealy Smith Compressor Station in Texas Shut, Leads to Flaring August 27

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=144120>

Shell Close to Completing Construction of 600,000 b/d Crude Pipeline in Niger Delta in Bonny Export Terminal in Nigeria

http://www.rigzone.com/news/article.asp?a_id=98090

Electrical Problem Halts Iraqi Crude Flow on Kirkuk-Ceyhan Pipeline August 29

Reuters, 06:08 August 30, 2010

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/ead.aspx>

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