



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

ENERGY ASSURANCE DAILY

Friday Evening, October 07, 2011

Electricity

LADWP Breaks Ground on 600 MW of New Natural Gas-Fired Capacity at Haynes Power Plant in California

The Los Angeles Department of Water and Power (LADWP) broke ground on September 29 to a project to install 600 MW of new capacity at the Haynes Generating Station in Long Beach, California, a natural gas- and oil-fired plant that currently has seven units with a combined capacity of 1,600 MW. The project will replace the plant's 292 MW Unit 5 and 238 MW Unit 6 with six 100 MW quick-start turbines using dry cooling and capable of ramping to full power in just 10 minutes, as compared to existing units, which require about a day and a half to reach full capacity. The turbines will also use dry cooling, completely eliminating the use of ocean water to cool existing units. These turbines will provide peaking capability to meet the City of Los Angeles' energy needs and better enable tracking the variation in power supply provided from wind and solar energy generation—a growing part of LADWP's power supply. LADWP expects to put the new units into service by the end of 2013.

Reuters, 12:19 October 7, 2011

<http://www.ladwpnews.com/go/doc/1475/1206911/>

Update: NRC Special Inspection at Entergy's Palisades Nuclear Plant in Michigan Identifies 'No Findings of Significance'

According to a report from the U.S. Nuclear Regulatory Commission on Tuesday, a special inspection of the Palisades Nuclear Plant in Michigan identified "no findings of significance." The investigation was prompted by an August 9 failure of a coupling that holds pipes together. The NRC ordered a second investigation after the plant shut down on September 25 due to a breaker fault. The plant returned to service October 2.

http://www.mlive.com/news/kalamazoo/index.ssf/2011/10/palisades_special_inspection.html

<http://www.wsbt.com/news/wsbt-no-significant-findings-in-august-palisades-probe-20111006,0,4790819.story>

<http://www.chicagotribune.com/news/chi-ap-mi-nuclearplant-insp,0,3332243.story>

FPL's 1,155 MW Seabrook Nuclear Unit 1 in New Hampshire Shut by October 7

The Nuclear Regulatory Commission reported on Friday that an automatic reactor trip occurred on low steam generator water levels, following a trip of one of the two operating main feed pumps. The emergency feedwater system actuated automatically and recovered steam generator levels. On the morning of October 6 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/2011/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20111007en.html>

Update: Calpine's 135 MW Gilroy Cogen Gas-Fired Unit in California Returns to Service by October 6

According to the California Independent System Operator, the unit reported a return from an unplanned outage on October 5.

<http://content.caiso.com/unitstatus/data/unitstatus201110061515.html>

Copper Thieves Target National Grid Substations in Onondaga County, New York

National Grid officials held a press conference Tuesday to announce a joint effort with local law enforcement to fight copper theft at the company's facilities. Copper thieves have targeted 24 National Grid electric substations in Onondaga County since the beginning of the year, hitting some facilities more than once.

http://www.syracuse.com/news/index.ssf/2011/10/copper_thieves_target_power_co.html

PBF's 190,000 b/d Delaware City Refinery is Fully Operational

PBF Holding Company LLC and Delaware City Refining Company LLC (PBF) today announced the successful restart of the Delaware City petroleum refinery, which was closed by previous owners in 2009. Initial operations at the refinery began in June 2011, and it is now fully operational. The high-conversion heavy crude oil refinery has a processing capacity of 190,000 b/d and sells its production in the U.S. Northeast via pipeline, barge, and truck distribution. Major process units include a fluid coking unit, a fluid catalytic cracking unit, a hydrocracking unit with a hydrogen plant, a continuous catalytic reformer, an alkylation unit, and several hydrotreating units.

DJN, 09:15 October 7, 2011

<http://www.businesswire.com/news/home/20111007005327/en>

Explosion, Fire Damages Middle Distillate Unit at CO-OP's 100,000 b/d Regina, Saskatchewan Refinery October 6

An explosion and fire at the Consumers' Co-operative Refineries Ltd (CO-OP) refinery may have been caused by a release of diesel and hydrogen gas, a refinery official told reporters on Thursday. Ten people were injured in the blast. On Friday, a CO-OP spokesman said that the fire damaged only a middle distillate unit at the refinery. Local media reported that the explosion occurred in an older area of the refinery that is being revamped. The fire is now considered under control, and the company can account for all employees.

Reuters, 18:37 October 6, 2011

Reuters, 12:35 October 7, 2011

<http://www.vancouversun.com/business/Eight+workers+sent+hospital+Regina+refinery+explosion/5519139/story.html>

Boilers Snag Shuts Several Units at Valero's 142,000 b/d Corpus Christi, Texas Refinery October 7

Valero Energy Corp said Friday that boilers temporarily tripped offline, shutting several units, including a sulfur recovery unit, but caused no material impact to production.

Reuters, 11:50 October 7

Valero Reports Exchanger Leak at Its 185,000 b/d St. Charles, Louisiana Refinery

Valero Energy Corp said Friday that the exchanger leak did not impact production.

Reuters, 11:50 October 7, 2011

PDVSA and Russian Oil Companies to Develop Carabobo 2 Oil Field in Venezuela

<http://www.bloomberg.com/news/2011-10-07/venezuela-russia-to-develop-carabobo-2-oil-field-chavez-says.html?cmpid=yahoo>

Brazil's Petrobras Cites 'Global Bottleneck' for Drilling Rigs in Meeting Only the Lower Range of Its 2011 Production Target

<http://www.bloomberg.com/news/2011-10-06/petrobras-2011-production-to-be-in-2-5-lower-range-of-target.html?cmpid=yahoo>

Natural Gas

El Paso Corp Announces 240 MMcf/d MPP Pipeline Project to Expand TGP's 300 Line in Pennsylvania

El Paso Corporation today announced that its wholly owned subsidiary, Tennessee Gas Pipeline Company (TGP), has executed long-term agreements for the MPP project which will expand TGP's 300 Line in Pennsylvania.

The 240,000 MMcf/d project includes approximately 8 miles of 30-inch pipeline looping and modifications to four existing compressor stations in Pennsylvania to provide natural gas transportation from the Marcellus Shale supply area to existing delivery points on the TGP system. Pending regulatory approvals, construction would begin in 2013, with a November 1, 2013 in-service date.

<http://investor.elpaso.com/phoenix.zhtml?c=97166&p=irol-newsArticle&ID=1614823>

EnCana Delays Natural Gas Production until End of March 2012 at Deep Panuke Gas Field off Nova Scotia

EnCana announced Wednesday that it now expects production to begin at its Deep Panuke gas field off Nova Scotia by the end of March 2012. Under the project, which has been in the works for 10 years, Single Buoy Moorings (SBM) is contracted to build and operate the production platform and was scheduled to start production in December. SBM has since announced it cannot meet that deadline, and EnCana now expects production to begin at the end of March, instead. All the gas produced at Deep Panuke will be sold to Repsol YPF, which has majority ownership of the liquefied natural gas terminal in Saint John, New Brunswick.

<http://www.cbc.ca/news/canada/nova-scotia/story/2011/10/05/ns-encana-sbn-timeline.html>

Other News

Train Carrying Ethanol Derails, Ignites in Illinois October 7

A train shipping at least 60 cars of ethanol derailed early Friday, leading to explosions and a fire. The train was shipping ethanol for Decatur-based corn processor Archer Daniels Midland. A local official said at least six tanker cars were burning early Friday.

<http://abcnews.go.com/blogs/headlines/2011/10/train-derailment-prompts-illinois-town-to-evacuate/>

<http://www.cbsnews.com/stories/2011/10/07/ap/business/main20117140.shtml>

Energy Prices

U.S. Oil and Gas Prices			
October 7, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	82.02	80.35	83.21
NATURAL GAS Henry Hub \$/Million Btu	3.49	3.77	3.56

Source: Reuters

Energy Notes

Update: NPRA Urges U.S. State Department to Approve Construction of TransCanada's Keystone XL Oil Pipeline, Calling It 'Critical to America's Energy Security' October 7

[http://www.npra.org/newsRoom/?fa=viewCmsItem&title=Latest News&articleID=10632](http://www.npra.org/newsRoom/?fa=viewCmsItem&title=Latest%20News&articleID=10632)

Update: Shell Gains Additional Permits for Exploration Drilling in Chukchi Sea off Alaskan Coast, Still Facing Court Challenges from Environmental Groups

<http://www.alaskajournal.com/Alaska-Journal-of-Commerce/October-2011/Shell-moves-closer-to-OK-for-offshore-drilling/>

National Academy of Sciences's Report Suggests Reaching Government's Renewable Fuels Target for Cellulosic Biofuel Not Likely to Happen by 2022

<http://futureoftech.msnbc.msn.com/news/2011/10/05/8170614-biofuel-push-a-bust-report-hints>

http://news.cnet.com/8301-11128_3-20116084-54/u.s-unlikely-to-hit-advanced-biofuel-goal-study-says/

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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