



ENERGY ASSURANCE DAILY

Monday Evening, November 07, 2011

Electricity

Update: Nearly 61,000 CL&P Customers and 1,900 PPL Electric Customers Remain without Power November 7 after Snow Storm October 29

As of 3:30 PM ET on Monday, Connecticut Light & Power (CL&P) reported that 60,970 customers were still without power over a week after a storm that began October 29 brought heavy, wet snow and ice, breaking tree limbs and bringing down power lines. In a press release Sunday, the utility said over 2,400 line and tree crews were working to restore power to 99 percent of its customers by midnight, but that it might struggle to reach this goal in 31 towns in the hardest hit areas of the state. CL&P has posted restoration estimates for all the cities and towns it serves on its website. In Pennsylvania, PPL Electric reported that 1,917 of its customers were still without power Monday.

<http://outage.cl-p.com/outage/outagemap.aspx>

<http://nuwnotes1.nu.com/apps/mediarelease/clp->

pr.nsf/0/9F8AAED12983BC0085257940002B01D5?OpenDocument

<https://selfserv.pplelectric.com/EUSelfServ/Outage/OutageMap.aspx>

Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Shut by November 5

The Nuclear Regulatory Commission reported that on the morning of November 4 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/>

AES's 495 MW Alamosa Gas-Fired Unit 6 in California Shut by November 6

According to the California Independent System Operator, the unit reported an unplanned outage on November 6.

<http://content.caiso.com/unitstatus/data/unitstatus201111061515.html>

Calpine's 593 MW Metcalf Gas-Fired Unit in California Returns to Service by November 5

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 108 MW that began on November 4.

<http://content.caiso.com/unitstatus/data/unitstatus201111051515.html>

Update: Dynegy's 335 MW El Segundo Gas-Fired Unit 3 and 335 MW Gas-Fired Unit 4 in California Return to Service by November 4

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

<http://content.caiso.com/unitstatus/data/unitstatus201111041515.html>

Delta Power's 240 MW Crockett Cogen Gas-Fired Unit in California Returns to Service by November 6

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

<http://content.caiso.com/unitstatus/data/unitstatus201111051515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201111061515.html>

Update: Petrobras Restarts CDU at 100,000 b/d Pasadena, Texas Refinery after Repairs Following Fire on September 30

The refinery is restarting a crude distillation unit (CDU) that has been shut for repairs since it was damaged in a fire on September 30, sources familiar with refinery operations said on Friday. Only the refinery's delayed coking unit has been in operation since the fire.

Reuters, 14:24 November 4, 2011

OPEC Crude Oil Output Rose 50,000 b/d to 30.05 MMb/d in October – Platts Survey

The Organization of the Petroleum Exporting Countries (OPEC) increased its output of crude oil by 50,000 b/d in October, bringing the organization's total output to 30.05 MMb/d, according to a recent Platts survey. In Libya, production increased by 260,000 b/d, rising from 90,000 b/d in September to 350,000 b/d in October. This increase in Libyan production offset a drop in Saudi Arabian production, which fell by 140,000 b/d to 9.6 MMb/d in October. Kuwait also had a small, notable increase in production by 40,000 b/d to 2.6 MMb/d.

<http://pdf.reuters.com/pdfnews/pdfnews.asp?i=43059c3bf0e37541&u=urn:newsml:reuters.com:20111107:nPnNY01290>

Natural Gas

Pacific Gas & Electric Natural Gas Pipeline in Northern California Bursts during High-Pressure Water Test November 6

A two-foot section of Pacific Gas & Electric's (PG&E) Line 132 burst Sunday afternoon during a high-pressure water test near San Mateo, California. The explosion sent mud, debris, and a pipe cover into Interstate 280 and shut parts of the freeway for several hours, according to news reports. A PG&E official said the pipe would normally carry natural gas at a pressure of 300–400 pounds, and workers on Sunday were sending water through it at a pressure of 550 pounds. The explosion did not interrupt gas service because it was routed around the pipe for the pressure test.

<http://www.neepawapress.com/article/20111107/CP01/311079991/-1/neepawa/pipe-bursts-in-water-test-on-line-from-deadly-northern-calif-blast&template=cpArt>

Escopeta Oil Company Announces Discovery of Estimated 3.5 Tcf In-Place Natural Gas Reserves in Alaska's Cook Inlet, Estimates 50–80 Percent Is Recoverable

Escopeta Oil Company LLC announced Saturday that it has discovered an estimated 3.5 Tcf of natural gas at a prospect in southern Alaska's Cook Inlet. The estimate represents in-place reserves, not recoverable reserves, the official said. Escopeta expects recoverable reserves to be approximately 50–80 percent of the gas in place.

Reuters, 01:59 November 6, 2011

AGI Units 1 and 2 Briefly Go Down for Unspecified Reasons at Enbridge's Tilden Gas Plant in Texas November 5–6

Operators reported Saturday that the acid gas injector (AGI) Unit 1 and Unit 2 went down, according to filings with state regulators. Operators responded immediately, resetting the units and placing them back into service. The filings do not specify what caused the AGI units to go down.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161392>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161382>

Southern Union Gas Shuts Keystone Gas Plant in Texas November 5 Due to Expander Problems; Causes Area Production Facilities to Flare Gases

Southern Union Gas reported an unscheduled plant shutdown due to expander problems on Saturday and said the event is ongoing. Plant operators were shutting in gas and troubleshooting the expander issues. Shutting the Keystone Gas Plant led a number of gas production facility operators in the area to flare excess gasses until Southern Union Gas could resume accepting gasses, including Keystone Cattle 301 Battery, Keystone Cattle 404, Keystone Cattle Co 404 Satellite, and the SKEU Auxiliary Tank Battery.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161386>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161393>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161394>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161395>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161387>

Power Outage Causes Amine Plant and AGI Compressor to Go Down at Regency Energy Partner's 260 MMcf/d Waha Gas Plant in Texas November 5

Operators reported a power outage that caused the amine plant and acid gas injection (AGI) compressor to go down Saturday, according to a filing with state regulators. Power was restored as quickly as possible. Operators restarted the amine plant, and, when acid gas volumes/pressures from the amine plant reached appropriate levels soon thereafter, restarted the AGI compressor.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161390>

Broken Valve Cap Shuts Compressor at Southern Union Gas's Crawford Mills Compressor Station in Texas November 4

Operators reported that a valve cap on Unit 7075 broke, causing gas to vent from the broken cap and automatically shutting the compressor. Responding immediately, operators manually blocked in the suction valve.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=161351>

Other News

Advanced Refining Concepts Expands Its Peru Heights Refinery in Las Vegas, Nevada, Plans to Double GDiesel Production Capacity to 400,000 Gal/Day by Second Quarter 2012

Advanced Refining Concepts announced Monday that it has commenced construction on Phase 3 and 4 of its expansion of the Peru Heights refinery, for completion by the second quarter of 2012, which will double the refinery's production capacity to 400,000 gallons per day. GDiesel, an alternative diesel fuel that produces cleaner emissions and more efficient combustion, is produced by combining natural gas, or other biogases, with a petroleum base and is compatible with existing fuel storage and dispensing equipment. The fuel is exclusively used by several city and county fleets in Nevada and is sold in retail stations in lieu of traditional diesel fuel in locations throughout the state.

<http://pdf.reuters.com/htmlnews/8knews.asp?i=43059c3bf0e37541&u=urn:newsml:reuters.com:20111107:nBw075356a>

Energy Prices

U.S. Oil and Gas Prices			
November 7, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	95.19	91.85	86.44
NATURAL GAS Henry Hub \$/Million Btu	3.44	3.63	3.53

Source: Reuters

Energy Notes

Operator Error Causes More Than 14,000 Gallons of Diesel Fuel to Spill at Aloha Petroleum's Bulk Fuel Storage Facility in Hilo, Hawaii November 1

<http://www.therepublic.com/view/story/488ce68f37b5471d8c225e3158c98c33/HI--Diesel-Spill/>

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 EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.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 PM EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

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