



ENERGY ASSURANCE DAILY

Monday Evening, January 05, 2015

Electricity

Freezing Rain Knocks Out Power to 155,000 Hydro Quebec Customers January 4

Freezing rain knocked out power to 155,000 Hydro-Quebec customers, mainly in Montreal, Monteregie, and Outaouais regions. As of 3:30 p.m. EST today, 1,549 customers remained without power. More than 160 crews were called in to restore service to affected customers. Most affected customers should get their power back by the end of today.

<https://twitter.com/HydroQuebec>

<http://news.hydroquebec.com/en/failures/hq/51/update-on-power-outages-november-25-2014/>

<http://poweroutages.hydroquebec.com/poweroutages/service-interruption-report/#bis>

Shut Generator Knocks Out Power to 33,000 Kauai Island Utility Cooperative Customers in Hawaii January 1

Kauai Island Utility Cooperative's largest generator shut down January 1, knocking out power to 33,000 customers. The outage occurred at 12:23 a.m. HST when the Kapaia Power Station near Lihue automatically shut down after its control system detected a fault. The cause of the fault was under investigation. Power was restored to some of the utility's 33,000 customers by 3 a.m. HST. With the exception of a section of Puhi, where some damaged equipment required replacement, power was restored by 5:40 a.m. HST. At 11 a.m. HST, some parts of Lihue were affected by an outage that lasted about 30 minutes. The cause was a transformer in the Lihue switchyard that was affected by the earlier outage. The transformer was taken offline. Nearly all power was restored by January 3.

<http://kauai.coopwebbuilder.com/content/power-restored-after-overnight-outage-kauai%CA%BBi>

<https://www.facebook.com/KauaiCoop>

Fire, Evacuation Reported at Longview Power's 695 MW Coal-Fired Power Plant in West Virginia January 5

A fire at a methane tank was reported at Longview Power's power plant near Morgantown, West Virginia. No injuries were reported and Monongalia County Homeland Security Emergency Management Agency issued an evacuation order for a one mile radius area around the plant. Emergency responders were on the scene. One of six tanks, each containing several thousand gallons of methane gas, has caught fire but has not exploded. Gas leading into the plant has been shut off.

<http://www.wtrf.com/story/27764141/fire-at-wva-power-plant-prompts-evacuation>

<http://www.longviewpower.com/>

<http://www.wboy.com/story/27763643/precautionary-evacuation-underway-near-longview-power-plant-due-to-fire>

<http://powersource.post-gazette.com/powersource/companies-powersource/2015/01/05/West-Virginia-judge-denies-chemical-company-s-second-challenge-to-fracking-operations/stories/201501050130>

Update: Dominion's 925 MW North Anna Nuclear Unit 1 in Virginia at Full Power by January 3

By the morning of January 2 the unit had restarted and was operating at 73 percent. The unit shut from full power December 22 due to a reactor coolant system pressure boundary leak.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20141223en.html>

SCE&G's 966 MW Summer Nuclear Unit in South Carolina Reduced to 85 Percent by January 3

On the morning of January 2 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

TVA's 1,126 MW Sequoyah Nuclear Unit 2 in Tennessee Reduced to 77 Percent by January 5

On the morning of January 4 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Update: PG&E's 1,087 MW Diablo Canyon Nuclear Unit 1 in California Restarts, Ramps Up to 38 Percent by January 5

The unit shut by January 1 from 33 percent power to perform repairs to a feed water heater on the non-nuclear side of the plant.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.sanluisobispo.com/2014/12/31/3421474/diablo-canyon-unit-1-taken-offline.html?sp=/99/177/183/#storylink=cpy>

Dynegy, LLC's 325 MW Morro Bay Gas-fired Units 3 and 4 in California Shut by January 2

The units entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201501021515.html>

PGE's 220 MW Port Westward Natural Gas-Fired Power Plant in Oregon Begins Operations December 30

Portland General Electric Company (PGE) on Friday announced that its Port Westward unit 2, a 220 MW natural gas-fired power plant located near Clatskanie, Oregon, went into service on December 30 and is now available to generate electricity for PGE customers.

https://www.portlandgeneral.com/our_company/news_issues/news_releases/01_02_2015_new_pge_plant.aspx

Petroleum

Valero Reports FCCU Upset January 2 and HCU Upset January 5 at Its 330,000 b/d Port Arthur, Texas Refinery

Valero Energy Corp reported a process unit upset on a fluid catalytic cracking unit (FCCU) at its Port Arthur, Texas, refinery Friday afternoon, according to a filing with Texas Commission on Environmental Quality. On Monday, Valero reported emissions due to an upset at one of the hydrocracker units (HCU).

Reuters, 18:20 January 2, 2015

Reuters, 9:43 January 5, 2015

ExxonMobil Reports Flaring at Its 344,600 b/d Beaumont, Texas Refinery December 29

ExxonMobil Corp reported flaring with a release of materials at its Beaumont, Texas refinery, according to a filing with the National Response Center.

Reuters, 11:45 January 5, 2015

Alon Reports Boiler Snag, FCCU Emissions at Its 67,000 b/d Big Spring, Texas Refinery January 2

Alon USA Energy reported a carbon monoxide (CO) boiler snag when the CO boiler dip seal leg dumped unexpectedly due to instrumentation issues caused by below freezing temperatures. Operators were able to reseal the leg and return the flue gas to the CO boiler and electrostatic precipitator. Alon also reported emissions from the fluid catalytic cracking unit (FCCU), according to a filing with the Texas Commission on Environmental Quality.

Reuters, 18:32 January 2, 2014

Tesoro Reports Shutdown, Restart of Compressors at Its 166,000 b/d Martinez, California Refinery January 3

Tesoro Corp on Sunday reported an emergency shutdown of three compressors led to flaring at its Golden Eagle refinery in Martinez, California, according to a filing with the California Emergency Management Agency. The compressors were inactive for approximately 1.5 hours on January 3 and have since been repaired, the filing with said.

Reuters, 21:38 January 4, 2015

Petro-Hunt Oil Well Leaks Nearly 19,000 Gallons in North Dakota January 2

A North Dakota oil well owned by Petro-Hunt LLC leaked nearly 19,000 gallons of crude, state officials said on Friday. The leak took place roughly 1 mile north of Keene in McKenzie County, and officials were responding, the North Dakota Department of Health said. It was not immediately clear what caused the leak or when it occurred.

<http://www.ndhan.gov/data/mrNews/2015-1-2%20Oil%20Release%20in%20McKenzie%20FINAL.pdf>

Reuters, 18:13 January 2, 2014

Natural Gas

Cheniere Energy Receives FERC Approval to Build 15 MMTPA LNG Liquefaction Plant and Pipeline in Corpus Christi, Texas

Cheniere Energy received Federal Energy Regulatory Commission (FERC) approval to build a liquefied natural gas (LNG) plant and 23-mile-long, 48-inch-diameter pipeline in Corpus Christi, Texas, according to a filing December 30. The terminal would have the capability to liquefy and ship as much as 15 million metric tons per annum (mtpa) of LNG, according to the filing.

<http://www.ferc.gov/CalendarFiles/20141230184541-CP12-507-000.pdf>

DCP Midstream Reports Power Loss Due to Cold Weather-Related Power Outage at Its 160 MMcf/d Goldsmith Gas Plant in Texas January 3

DCP Midstream reported a plant-wide power outage when power pole wires broke due to cold weather and icing. The power company was called to repair the power lines.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=208039>

ExxonMobil Reports Unit Shut at Its 65 MMcf/d Dollarhide Gas Plant in Texas January 3

ExxonMobil reported unit P-12 went down on lube no flow and emergency shutdown fault. Operations attempted to restart the unit but were unsuccessful. All flowing wells were shut in to reduce and mitigate emissions.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=208027>

Other News

Nothing to report.

International News

Libyan Warplane Bombs Greek-Operated Oil Tanker at Port Killing Two January 4

A Libyan warplane on Sunday bombed a Greek-operated oil tanker anchored offshore, killing two crewmen in an escalation of a battle between the country's rival factions. Military officials said the vessel had acted suspiciously after a warning not to enter port and said it was suspected of transporting Islamist militants to Derna, the eastern port city where the ship was at anchor when it was hit on Sunday. State oil firm NOC said it had leased the ship to carry fuel for power generation to Derna from Brega, an oil port to the west. The vessel was damaged, but none of the 12,600 tons of heavy oil leaked out, the Athens-based operator Aegean Shipping Enterprises Co. said. Greece condemned what it called an "unprovoked and cowardly" attack and demanded an investigation and punishment for those responsible. Athens-based Aegean Shipping Enterprises Co, which operates the vessel, said no oil had spilled as a result of the air strike. The vessel, which it said had been chartered by NOC, was loaded at Brega port for transport to Derna.

<http://www.reuters.com/article/2015/01/05/us-libya-security-greece-idUSKBN0KE0L420150105>

Energy Prices

U.S. Oil and Gas Prices			
January 5, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	50.01	53.51	94.60
NATURAL GAS Henry Hub \$/Million Btu	2.99	2.75	4.32

Source: Reuters

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 ET every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET 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. ET. 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