



ENERGY ASSURANCE DAILY

Monday Evening, January 13, 2014

Electricity

74,000 Customers Lose Power As Strong Storms Hit Western Washington January 11

High winds and rain downed trees on Saturday in and around Seattle, Washington, leaving about 74,000 customers without power. Seattle City Light and Puget Sound Energy were the hardest-hit with more than 28,000 customers and 36,414 customers respectively without power. Tacoma PUD reported less than 3,000 customers without power and Grays Harbor PUD reported about 7,000 customers without power. Most power was restored by Sunday.

<http://q13fox.com/2014/01/11/high-winds-knocks-out-power-to-thousands-in-seattle/#axzz2qIAui7Sm>
<http://www.king5.com/news/cities/seattle/Customers-without-power-for-more-than-17-hours-239794001.html>

Duke Energy Progress Reports Over 46,000 Customers Without Power After Severe Weather Moves Across North Carolina January 11

Severe storms moved through central North Carolina on Saturday leaving over 46,000 Duke Energy Progress customers without power. As of 2 p.m. EST today, 991 customers remained without power. Downed power lines and trees were blocking roadways impeding restoration efforts.

<https://www.progress-energy.com/app/outagemaps/carolinas.aspx>
<http://www.ncnn.com/edit-news/8887-over-46000-without-power-after-severe-weather-tears-across-nc>

ISO-New England Denies Retirement Request for EquiPower's 1,538 MW Brayton Point Fossil-fueled Power Plant in Massachusetts

ISO-New England (ISO-NE) on December 20 told EquiPower Resources Corp. not to shut down the generator at its Brayton Point plant, located in Somerset, Massachusetts, for reliability reasons. POWERNews reported that ISO-NE told EquiPower Resources Corp. last month that the region needed the Brayton Point capacity. ISO-NE cannot prevent a plant from being retired therefore EquiPower has six months to respond with the company's ultimate decision on the fate of the plant, according to the report. Brayton Point Power Station consists of four generating units, three of which are coal-fired—the 243 MW unit 1, 240 MW unit 2, and 612 MW unit 3. The 435 MW unit 4 uses natural gas or oil as its fuel source. The units began operation in 1963, 1964, 1969, and 1974 respectively.

<http://www.powermag.com/iso-ne-brayton-point-retirement-denied/>
<http://www.powermag.com/new-englands-largest-coal-and-oil-power-plant-to-close/>

Georgia Power to File Decertification Request for Its 155 MW Mitchell Power Plant Coal-fired Unit 3 in Georgia

Georgia Power announced January 10 that it plans to file a request in 2014 with the Georgia Public Service Commission (PSC) to decertify unit 3 at its Mitchell power plant in Albany, Georgia. The company is also cancelling the previously proposed conversion of the coal-fired unit to biomass after extensive review and analysis deemed the conversion would not be cost effective for its customers. If the request to decertify the unit is approved, it will be retired by April 16, 2015.

<http://www.georgiapower.com/about-us/media-resources/newsroom.cshtml>

MidAmerican, SunPower's 579 MW Solar Star Power Plant Enters Service in California January 9

MidAmerican Solar and SunPower Corp. said they have connected the first 57 MW of its 579MW Solar Star solar power plant to the power grid in California. Construction on the Solar Star project, which involves two plants in Kern and Los Angeles counties, began in early 2013 and was expected to be finished by the end of 2015. Southern California Edison will purchase electricity from the projects under two long-term power purchase contracts.

<http://newsroom.sunpower.com/2014-01-09-MidAmerican-Solar-SunPower-Corp-Synchronize-Solar-Star-Development-to-the-Grid>

Reuters, 8:51 January 10, 2014

Update: Entergy's 858 MW Arkansas Nuclear Unit 2 in Arkansas Restarts by January 11, Ramps Up to 95 Percent by January 12

The unit restarted and was operating at 30 percent by the morning of January 11, according to the Nuclear Regulatory Commission. The unit shut on December 9, 2013 from full power due to an electrical fault that resulted in a fire and explosion.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20131210en.html>

Frozen Valve Results in Cooling Water Spill at Entergy's 966 MW River Bend Nuclear Plant in Louisiana January 7

Cold temperatures caused a valve to freeze and spill between 100 and 1,200 gallons of water from a cooling tower blow-down line at Entergy's River Bend nuclear power plant in St. Francisville, Louisiana, according to a report filed with the Nuclear Regulatory Commission. The water was contained to the building and contained tritium well below drinking water standards, the report said.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20140109en.html>

http://nuclearstreet.com/nuclear_power_industry_news/b/nuclear_power_news/archive/2014/01/10/frozen-valve-results-in-water-spill-at-river-bend-nuclear-plant-011001.aspx#.UtQA9fRDsSk

Southern's 839 MW Farley Nuclear Unit 2 in Alabama Shut by January 12

On the morning of January 11 the unit was operating at full power before it entered a plant shutdown required by technical specifications due to the inoperability of the B-train Solid State Protection System, according to the Nuclear Regulatory Commission.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20140113en.html>

Update: Progress Energy's 710 MW Robinson Nuclear Unit 2 in South Carolina Restarts by January 12, Ramps Up to 98 Percent by January 13

The unit restarted and was operating at 20 percent by the morning of January 12, according to the Nuclear Regulatory Commission. The unit shut on January 9 from full power when an automatic reactor trip occurred due to a turbine trip.

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

PG&E's 1,087 MW Diablo Canyon Nuclear Unit 2 in California Reduced to 50 Percent by January 11

PG&E Corp. said it reduced unit 2 at its Diablo Canyon nuclear power plant in California to 50 percent power on Friday to perform a planned cleaning of the unit's ocean water intake tunnels. The cleaning was done to prevent a buildup of ocean debris and biological growth in the tunnels, a company spokesman said. The work was expected to last several days, after which the unit's power output will be increased to 100 percent, the spokesperson said.

Reuters 11:34 January 13, 2014

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

Update: Inland Empire Energy Center, LLC's 376 MW Inland Empire Gas-fired Unit 1 in California Returns to Service by January 11

The unit returned from an unplanned curtailment of 126 MW that began by January 9.

<http://content.caiso.com/unitstatus/data/unitstatus201401111515.html>

RRI Energy, Inc.'s 215 MW Mandalay Gas-fired Unit 1 in California Returns to Service by January 12

The unit returned from an unplanned outage that began by January 10.

<http://content.caiso.com/unitstatus/data/unitstatus201401121515.html>

Husky Says Operations Suspended Due to Power Outage at Its 146,200 b/d Lima, Ohio Refinery January 12

Husky Energy Inc. said operations at its Lima, Ohio, refinery were suspended due to a power outage that occurred on Sunday. The company said it expects the refinery to be back online within a couple of days. The incident caused a release of 100 pounds of hydrogen sulfide to the flare, according to a filing with National Response Center.

Reuters, 11:46 January 13, 2014

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1070936

Update: Valero Returns Its 180,000 b/d Memphis, Tennessee Refinery to Full Rates January 13 After Cold Weather System Shutdown

Valero Energy's Memphis, Tennessee refinery was operating at normal rates after a system shutdown on January 6 because of low temperatures, a person familiar with the company's operations said. The plant ran some equipment at lower rates after instruments froze, water lines on process units burst, and units tripped because of the weather.

<http://www.hydrocarbonprocessing.com/Article/3296388/Latest-News/Valero-returns-Memphis-refinery-to-full-rates-after-frigid-air-shutdown.html>

Citgo Cuts CDU Rates to Repair Leak at Its 163,000 b/d Corpus Christi, Texas Refinery January 11

Citgo Petroleum Corp. cut back production on a crude distillation unit in the East Plant of its Corpus Christi, Texas, refinery on Saturday to repair a leak, according to a notice filed with the Texas Commission on Environmental Quality. Measures were being taken to reduce the pressure in the overhead receiver to allow the safe removal of insulating material around the possible leak location, according to the notice. The leak came in the overhead piping taking highly volatile refined products produced by the crude unit, according to the notice.

Reuters, 17:50 January 12, 2014

Magellan Midstream Reports 100 Barrel Gasoline Leaks from Storage Tank in Kansas January 12

Emergency crews on Sunday responded to a gasoline leak at Magellan Midstream Partners' petroleum terminal in Kansas City, Kansas. The leak occurred at a valve connected to an above-ground storage tank and the spilled gasoline was being controlled in a containment area at the facility, according to a Magellan spokesperson. The company reported an estimated loss of 100 barrels of gasoline.

<http://www.kten.com/story/24428951/gas-leaks-from-kck-storage-tank>

Alberta Energy Regulator Investigates 7,133 Gallon Crude Bitumen Leak From Canadian Natural's Primrose Field

The Alberta Energy Regulator on January 10 investigated another leak from a Canadian Natural Resources bitumen well near Cold Lake, Alberta. The regulator said 7,133 gallons of crude bitumen were released underground on January 3 at the company's Primrose field. A spokesperson said the leak was stopped and there was no release to the surface. The release has been definitively attributed to a failed well casing, setting this leak apart from an earlier one in the same field last summer that also remains under investigation, according to the spokesperson.

<http://www.edmontonjournal.com/business/Alberta+regulator+investigates+CNRL+well+leak+troubled+field/9372670/story.html>

Natural Gas

Williams Transcontinental Gas Pipeline Completes Unplanned Work at Station 515 on Leidy Line in Pennsylvania January 13

Williams Transcontinental Gas Pipeline (Transco) said the unplanned maintenance on the Leidy Line at station 515 was completed. Due from Shipper transactions will be available for all Leidy Line receipt locations beginning January 13.

<http://www.iline.williams.com/1Line/wgp/download?delvid=5532099&hfNoticeFlag=Y&hfDownloadFlag=false&hfFileName=download.html>

Reuters, 7:28 January 13

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices January 13, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	91.70	93.23	93.48
NATURAL GAS Henry Hub \$/Million Btu	3.95	4.40	3.33

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