



ENERGY ASSURANCE DAILY

Tuesday Evening, January 26, 2016

Electricity

Update: 2,741 Customers Remain without Power January 26 after Major Snow Storm Hit Eastern U.S. January 22–24

A high-impact winter storm in the Eastern U.S. began Friday, January 22, affecting millions of electric customers from Arkansas to Massachusetts over the weekend, with lingering service impacts continuing into Tuesday, January 26. At one point or another over the course of the storm, power was knocked out to 484,000 Duke Energy customers in North Carolina and South Carolina, and 3,687 Appalachian Power customers in Virginia and West Virginia. As of 3:30 p.m. EST Tuesday, 2,254 Duke Energy customers and 487 Appalachian Power customers remained without power.

<http://news.duke-energy.com/releases/duke-energy-nears-goal-line-sunday-in-restoring-power-outages>

<http://outagemap.duke-energy.com/ncsc/default.html>

<https://twitter.com/AppalachianPowe>

Huntsville Utilities Reports Power Restored to 31,000 Customers in Alabama after Brief Outage Due to Equipment Failure January 25

Huntsville Utilities said power was restored within 30 minutes to 31,000 customers who lost service Monday morning. Crews were performing routine testing inside the Huntsville Primary Substation when a piece of equipment, that was being tested, failed, which resulted in a large, accidental service outage.

<https://twitter.com/HSVUtilities>

<https://www.hsvutil.org/outagemap/>

<http://whnt.com/2016/01/25/power-outage-impacting-much-of-downtown-huntsville/>

Update: Constellation's 825 MW Calvert Cliffs Nuclear Unit 1 in Maryland Restarts, Ramps Up to 30 Percent January 26

The unit shut from 65 percent power on January 25 due to elevated condenser sodium levels. On January 23, the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160125en.html>

SCE's 820 MW Big Creek Hydro Unit in California Reduced by January 25

The unit entered an unplanned curtailment of 672 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201601251515.html>

Petroleum

Update: PBF Reports Startup, Small Spill at Its 182,200 b/d Delaware City, Delaware Refinery January 26

PBF Energy Inc reported startup at its Delaware City, Delaware refinery after the plant was shut down due to a winter storm-related power outage over the weekend. PBF also reported a small spill of about 10 gallons of heavy fuel oil at the refinery. The situation was being contained on Tuesday and the cause was under investigation.

Reuters, 12:51 January 26, 2016

Reuters, 7:59 January 26, 2016

Update: Full Restart at ExxonMobil's 344,600 b/d Beaumont, Texas Refinery Anticipated by Mid-February as Restoration Continues after Power Outage January 21; Entergy Says Wind, Lightning Likely Caused Outage January 26

ExxonMobil on Tuesday restored the steam production and was preparing to restart the crude unit at its Beaumont, Texas refinery. Sources added that the plant's operations unit said it may take until mid-February to restore the refinery to normal operations. Power to the refinery was lost at about 3:20 p.m. EST on Thursday and restored within 1 hour and 40 minutes. Entergy Corp believes wind and lightning will be found as the causes of a power outage on Thursday that shut ExxonMobil Corp's refinery in Beaumont, Texas, an Entergy spokeswoman added on Monday.

Reuters, 16:46 January 25, 2016

Reuters, 14:31 January 26, 2016

Tesoro Reports All Movements within Long Beach, California Terminal Shut Due to Leak January 26

Tesoro Logistics reported the Long Beach, California terminal was shut due to a leak of hydrocarbon mixture from a flush line. The company said the leak was contained on the property, and that the cleanup and investigation were in progress, according to a filing with the California Emergency Management Agency.

Reuters, 13:21 January 26, 2016

Reuters, 9:17 January 26, 2016

Motiva Reports Lost Primary Oil Containment Caused Flaring at Its 603,000 b/d Port Arthur, Texas Refinery January 23

Motiva Enterprises said it experienced a loss of primary containment of oil inside its Port Arthur, Texas refinery on January 23, which resulted in a flaring event.

Reuters, 15:59 January 25, 2016

Tesoro Reports Major Unit Startup at Its 166,000 b/d Martinez, California Refinery January 25

Tesoro Corp reported a major unit startup at its Martinez, California refinery on January 25, according to a filing with Contra Costa Health Services.

Reuters, 11:37 January 26, 2016

Enbridge Reports Valve Tampering on Its 240,000 b/d Line 9 Oil Pipeline in Ontario January 25

An Enbridge spokesman reported a valve that is part of its Line 9 pipeline in Hamilton was tampered with on Monday morning. Enbridge's control centre detected a valve closure on Line 9 just north of Hamilton at 1:15 a.m. EST Monday. The line was shut down briefly overnight while maintenance workers inspected the pipeline, and company officials contacted authorities and restarted the line about four hours later. The company added that there were no impacts on its deliveries to clients. This tampering incident is the fourth in recent history, include two similar incidents in Ontario and one in Quebec—none of which caused injury or significant disruption.

<http://www.cbc.ca/news/canada/hamilton/news/line-9-pipeline-valve-in-hamilton-was-tampered-with-monday-enbridge-1.3419910>

Update: SoCalGas Enters Final Phase of Stopping Methane Leak at Its Aliso Canyon Natural Gas Storage Facility in California January 25

Southern California Gas Company (SoCal Gas) on Monday announced that its operations had entered the fifth and final phase of its plan to stem the natural gas leak at its 86.2 Bcf Aliso Canyon underground storage facility. According to SoCal Gas, the first of two relief wells has reached a measured depth of about 8,400 feet and is approximately 200 feet away from intercepting the target well. Upon reaching the target well, crews will transition to pumping heavy fluids and drilling mud through the relief wells stem the flow of gas. Once the flow of gas has been stopped, crews will pump cement to displace the fluids and mud, and establish a cement seal between the rupture and the reservoir to prevent the leak at its source. Although the completion date of the relief operations was anticipated by late February, or possibly sooner, drilling operations could still encounter delays, the company added. SoCalGas said it will work with California State regulating agency, the Division of Oil, Gas and Geothermal Resources (DOGGR), to confirm the well is sealed. Once the well has been sealed, gas will no longer be entering the well from the reservoir, and any remaining odors associated with the leak are expected to quickly dissipate, allowing residents to return to their homes. At that point SoCalGas will begin efforts to conduct a root-cause analysis in an effort to identify the cause for the leak.

<https://www.alisoupdates.com/1443738245190/Aliso-Incident-Update---1-25-2016-VFINAL.pdf>

ANR Pipeline Declares Force Majeure on Its Michigan Leg South Segment in Indiana

ANR Pipeline Company declared force majeure for all west to east natural gas transactions on its Michigan Leg South segment as a result of recent housing developments along its 22- and 30-inch lines near the town of St. John, Indiana. In accordance with Pipeline Hazardous Material and Safety Administration's (PHMSA) regulations governing pipeline design, construction, operations, and maintenance, ANR is required to replace a section of pipeline near St. John, Indiana in order to maintain its certificated capacity and meet PHMSA's pipeline classification requirements. ANR anticipates that this restriction will result in the inability to deliver a portion of the Firm Primary Volumes through this segment until the completion of maintenance, which is estimated to take until late April. During this Force Majeure declaration, ANR will reduce capacity along the St. John segment by 535 MMcf/d from April 12–15 leaving 798 MMcf/d available, and by 831-MMcf/d from April 16–20 leaving 502 MMcf/d of capacity available.

<http://anrebb.transcanada.com/>

Other News

Nothing to report.

International News

Update: Shell Re-Opens Nigeria's Trans Niger Pipeline Shut Since November 2015

Royal Dutch Shell said on Monday that it had re-opened a key oil pipeline in Nigeria that had been shut since November 22, 2015. The Trans Niger Pipeline, which carries Bonny Light crude oil to the export terminal, had re-opened in recent days, according to a Shell spokeswoman. The pipeline remained closed while the company investigated an incident in which four contractors died during an operation to remove crude oil theft points. The closure of the pipeline had led to loading delays of up to 10 days, according to traders.

Reuters, 11:45 January 25, 2016

Energy Prices

U.S. Oil and Gas Prices			
January 26, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	29.41	28.42	45.19
NATURAL GAS Henry Hub \$/Million Btu	2.14	2.18	2.96

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