



ENERGY ASSURANCE DAILY

Thursday Evening, April 02, 2015

Electricity

Power Restored after Copper Theft Leaves Almost 5,800 Rocky Mountain Power Customers without Power in Utah April 2

Rocky Mountain Power said early morning vandalism caused a power outage affecting almost 5,800 customers in Salt Lake County, Utah Thursday morning. A Rocky Mountain Power spokesman said the Jordan Park substation was vandalized and the thieves stole some copper wire, causing the outage. Power was restored at 8:57 a.m. MDT, according to the company, and officials are working to find the person or people responsible.

<https://www.rockymountainpower.net/ed/po/uoi.html>

http://www.good4utah.com/story/d/story/copper-wire-theft-causes-power-outage-for-more-tha/34958/EPZi_TxO5U6hi2P6I8ldhA

<http://fox13now.com/2015/04/02/copper-theft-leaves-almost-5800-without-power-in-salt-lake-county/>

Arrests Made in Copper Thefts at Duke Energy Substations in North Carolina April 1

Lincolnton, North Carolina police announced April 1 that five individuals were arrested and charged in connection to a series of copper thefts targeting Duke Energy substations in North Carolina that resulted in damages of up to \$3 million. The suspects may also be linked to a series of copper thefts in South Carolina and authorities reported that some of the individuals involved in the alleged scheme were arrested earlier in 2015.

<http://www.wcnc.com/story/news/crime/2015/04/01/5-charged-for-coppertheft-at-local-substations/70760678/>

Dominion's 925 MW North Anna Nuclear Unit 1 in Virginia Shut April 2

Dominion Virginia Power said operators manually removed the North Anna 1 nuclear reactor from service early this morning because of an issue with a voltage regulator governing the electrical field on the unit's main generator. On the morning of April 1 the unit was operating at full power after restarting following a refueling outage on March 30.

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

http://www.richmond.com/business/local/article_6e08ddc3-f9d6-5452-a60f-7f899bf3477b.html

Progress Energy's 900 MW Harris Nuclear Unit 1 in North Carolina Shut by April 2

On the morning of April 1 the unit was operating at full power.

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

Update: Southern's 856 MW Hatch Nuclear Unit 1 in Georgia Ramps Up to 45 Percent by April 2

On the morning of April 1 the unit was operating at 17 percent, after being reduced to 15 percent by March 31. The unit was operating at 95 percent on March 30.

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

Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Reduced to 70 Percent by April 2

On the morning of April 1 the unit was operating at 89 percent.

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

CDWR's 374 MW San Luis Hydro Unit in California Reduced by April 1

The unit entered an unplanned curtailment of 199 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201504011515.html>

GWF Energy LLC's 332 MW Tracy Combined Cycle Gas-fired Unit in California Reduced by April 1

The unit entered an unplanned curtailment of 174 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201504011515.html>

Calpine's 120 MW Gilroy Gas-fired Unit in California Shut by April 1

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201504011515.html>

Duke Energy Files Plans with Florida PSC to Add 500 MW of Solar Energy by 2024

Duke Energy, as part of its 2015 Ten-Year Site Plan, on April 1 filed plans with the Florida Public Service Commission (PSC) to add up to 500 MW of utility-scale solar power generation in Florida by 2024. Construction of the first site, up to 5 MW, will begin later this year with 35 MW expected to be completed by 2018. These initial solar energy facilities will enable Duke Energy Florida to evaluate costs, and to monitor the effects of this resource on the electric grid infrastructure. These investments will enable the company to meet a significant need for additional generation beginning in 2018 and to retire half of its Florida coal-fired fleet by that same year.

<http://www.duke-energy.com/news/releases/2015040201.asp>

Petroleum

Flint Hills Reports Multiple Units Shut at Its 289,097 b/d Corpus Christi, Texas Refinery April 1

Flint Hills Resources reported an unplanned shutdown of the recycle compressor in the continuous catalytic regeneration unit at its Corpus Christi, Texas refinery, according to a filing with the Texas Commission on Environmental Quality. In addition, the oil hydrotreating unit, hydrodesulfurization unit, distillate desulfurizer, and isomer unit were also shut. The cause of the incident was under investigation.

Reuters, 19:39 April 1, 2015

Valero Reports Flaring at Its 200,000 b/d Corpus Christi, Texas Refinery

Valero Energy Corp reported operating conditions its Corpus Christi, Texas refinery made flaring necessary, according to a community alerting system.

Reuters, 16:51 April 1, 2015

Tesoro Reports SRU Upset, Emissions at Its 166,000 b/d Martinez, California Refinery April 1

Reuters, 19:40 April 1, 2015

Plains All American Starts Up Its 250,000 b/d Cactus Pipeline in Texas

Plains All American Pipeline started up its 250,000 b/d Cactus Pipeline this week, moving crude from the Permian Basin to the U.S. Gulf Coast. It was not immediately clear whether flows through Cactus were linefill or regular throughput. The 310-mile Cactus pipeline will be expanded to 330,000 b/d by the fourth quarter, the company said.

Reuters, 11:03 April 2, 2015

<http://www.ogj.com/articles/2014/11/plains-all-american-to-expand-cactus-pipeline-takeaway-capacity.html>

TransCanada Says It Will Not Build Oil Export Terminal in Cacouna, Quebec; Delays 1.1 Million b/d Energy East Pipeline to 2020

TransCanada Corp said on Thursday that it had ended plans to build a marine oil export terminal at Cacouna, Quebec due to environmental concerns and would look for another site in the province. The company paused construction of the Cacouna terminal in December after a federal committee recommended that Beluga whales in the St. Lawrence River be listed as an 'endangered' species. The terminal is one of two planned under its 1.1 million b/d Energy East pipeline project, which will carry crude oil to refineries and ports in Eastern Canada. Quebec and New Brunswick refineries will continue to be connected directly to Energy East, TransCanada said on Thursday. However, the result of the alteration to the project scope and further refinement of the project schedule is expected to result in an in service date of 2020, two years later than initially planned.

<http://www.transcanada.com/news-releases-article.html?id=1934869&t>

<http://www.reuters.com/article/2015/04/02/transcanada-energyeast-idUSL3N0WZ3V320150402>

Natural Gas

ONEOK Partners and Fermaca to Construct 640 MMcf/d Roadrunner Gas Transmission Export Pipeline from West Texas to Mexico

ONEOK Partners, L.P. on Wednesday announced it entered into a 50-50 joint venture with a subsidiary of Fermaca Infrastructure B.V. to construct a pipeline that would transport natural gas from the Permian Basin in West Texas to Mexico. The Roadrunner Gas Transmission pipeline project extends from ONEOK Partners' ONEOK West Texas Transmission natural gas pipeline system at Coynosa, Texas, west to a new international border-crossing connection at the U.S. and Mexico border near San Elizario, Texas, where it will connect with Fermaca's Tarahumara Gas Pipeline. The project, to be constructed in phases, includes approximately 200 miles of new, 30-inch diameter pipeline currently designed to transport up to 640 MMcf/d of natural gas, with up to 570 MMcf/d to be transported to Mexico's growing markets. Roadrunner was fully subscribed in its initial design through an open season process that ran from December 2–26, 2014. Additional capacity could become available through future expansions depending on the demands of the market. The first phase of the pipeline project for 170 MMcf/d of available capacity is expected to be completed by the first quarter 2016. The second phase, which will increase the pipeline's available capacity to 570 MMcf/d, is expected to be completed in the first quarter 2017. The third and final phase of the project is expected to be completed in 2019 and will increase available capacity on the pipeline to 640 MMcf/d.

http://ir.oneok.com/phoenix.zhtml?c=120070&p=irol-newsArticle_Print&ID=2031660

Other News

North Dakota Governor Declares Fire Emergency Due to Dry Conditions April 1

North Dakota Governor Jack Dalrymple on Wednesday declared a fire emergency for the state in response to dry conditions, unseasonably high temperatures, and high winds. Dalrymple's executive order was issued in response to extremely dry conditions, burn ban, and fire restrictions declared throughout the state, Fire Weather Watches and Red Flag Warnings issued by the National Weather Service (NWS), unseasonably warm temperatures, low humidity and high winds. The NWS documented below average snowfall and precipitation across the state with above normal temperatures, leaving many natural fuels such as tall grasses very dry and standing vertical, rather than flat as is typical for this time of year, making them more susceptible to the rapid spread of wildfires. The Governor also activated the North Dakota State Emergency Operations Plan to assist local and tribal officials, and implement appropriate recovery actions and future mitigation measures to limit hardships and impacts of the emergency. In addition, he authorized the Adjutant General to activate and make available North Dakota National Guard resources in support of local and tribal governments.

<http://governor.nd.gov/media-center/news/dalrymple-declares-statewide-fire-emergency>

<http://governor.nd.gov/files/executive-order/Executive%20Order%202015-02.pdf>

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
April 2, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	49.08	54.36	99.60
NATURAL GAS Henry Hub \$/Million Btu	2.60	2.74	4.35

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