



ENERGY ASSURANCE DAILY

Monday Evening, May 04, 2015

Electricity

Exelon's 802 MW Three Mile Island Nuclear Unit 1 in Pennsylvania Reduced to 57 Percent by May 3

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

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

FPL's 565 MW Duane Arnold Nuclear Unit in Iowa Reduced to 65 Percent by May 3

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

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

Mirant's 530 MW Pittsburg Gas-fired Unit 7 in California Reduced by May 3

The unit entered an unplanned curtailment of 130 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201505031515.html>

Mojave Solar 250 MW Solar Unit in California Reduced by May 3

The unit entered an unplanned curtailment of 125 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201505031515.html>

Update: AES's 226 MW Huntington Beach Gas-fired Unit 2 in California Returns to Service by May 2

The unit returned from an unplanned outage that began by May 1.

<http://content.aiso.com/unitstatus/data/unitstatus201505021515.html>

PG&E's 404 MW Helms Hydro Unit 3 in California Shut by May 2

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201505021515.html>

Update: Dynegy's 335 MW El Segundo Gas-fired Unit 4 in California Returns to Service by May 1

The unit returned from an unplanned outage that began by April 30.

<http://content.aiso.com/unitstatus/data/unitstatus201505011515.html>

Dynegy's 756 MW Moss Landing Gas-fired Unit 7 in California Reduced by May 1

The unit entered an unplanned curtailment of 356 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201505011515.html>

Mountainview Power Company's 525 MW Gas-fired Unit 4 in California Shut by May 1

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201505011515.html>

AEP Ohio Reports 19,000 Customers without Power Due to Shut Substation May 1

About 19,000 AEP Ohio customers were without power Friday, after Columbus Fire asked the company to shut down a nearby substation due to a fire that broke out in a pallet storage area next to Phoenix Recycling Plant in Ohio. AEP said power was restored when the fire department gave the all-clear.

<http://www.myfox28columbus.com/news/features/featured/stories/BREAKING-3-Alarm-Fire-Breaks-Out-in-Pallet>
<https://twitter.com/AEPOhio>

Texas Will Have Enough Power to Meet Demand This Summer – ERCOT

Texas will have enough power supplies to meet expected demand this summer and autumn, the Electric Reliability Council of Texas (ERCOT) said Monday. ERCOT projected reserve margins in the grid would remain at comfortable levels in the double digits through 2025. In the past, ERCOT had warned reserve margins were expected to fall to dangerously low levels below 10 percent that could affect reliability during peak demand times. ERCOT said the grid had more than 77,000 MW of generation available to meet expected peak demand of about 68,000 MW. ERCOT said the new assessment includes an updated peak demand forecast that reflects milder summer weather, compared to the 12-year average weather used in the preliminary report released in March. The grid projected a 17 percent planning reserve margin in the summer of 2016, based on current load forecasts and capacity information provided by generation providers. The projected margin increases incrementally to 18.5 percent in 2017 and 21.4 percent in 2018 before declining over time to 10.4 percent in 2025, ERCOT said.

http://www.ercot.com/news/press_releases/show/63122

Petroleum

PES Reports Cumene Unit Startup April 26, FCCU Emissions April 28 at Its 335,000 b/d Philadelphia, Pennsylvania Refinery

Reuters, 15:49 May 1, 2015

ExxonMobil Reports Flaring at Its 149,500 b/d Torrance, California Refinery May 1

Reuters, 17:53 May 1, 2015

TransCanada's 1.1 Million b/d Energy East Project Could Move Forward with One Export Port in New Brunswick – CEO

TransCanada Corp is still contemplating alternative sites for a second oil export terminal for its Energy East pipeline from Alberta to New Brunswick, though the project could go ahead with just one export port, the company's CEO said on Friday. TransCanada said last month that it was cancelling plans for an oil export port in Cacouna, Quebec, one of two planned as part of the project, due to danger to whales in the St. Lawrence River.

Reuters, 14:50 May 1, 2015

<http://www.energyeastpipeline.com/wp-content/uploads/2015/04/energy-east-map-en.pdf>

Natural Gas

ANR Pipeline Declares Force Majeure on Its Michigan Leg South Segment in Indiana May 4

ANR Pipeline declared a force majeure was in effect for all natural gas transactions on its Michigan leg south segment as a result of housing developments along its 22- and 30-inch lines near the town of St. John, Indiana. ANR Pipeline said it is required to replace a section of pipeline near St. John, Indiana in order to maintain its certificated capacity and meet PHMSA pipeline classification requirements along that location. The force majeure declaration during the outage will apply to services west to east through the St. John Compressor Station. ANR connects markets in Wisconsin, Michigan, Illinois, and Ohio with supplies from Texas, Oklahoma, and the Gulf of Mexico through its 9,400 miles of natural gas pipeline.

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

DCP Midstream Reports SO2 Emissions Exceed Permitted Limits at Its 160 MMcf/d Goldsmith Gas Plant in Texas May 4

DCP Midstream reported after completing a bed heat soak on the sulfur recovery unit (SRU), the SO2 released from the tail gas incinerator exceeded the permitted limits. Operations worked to stabilize the SRU operations in order to return the unit to permit limits.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=213421>

FERC to Hold Public Meeting for Mountain Valley's Proposed Pipeline Project in Virginia

The Federal Energy Regulatory Commission (FERC) will hold a public meeting Thursday to discuss the proposed 42-inch, 300-mile Mountain Valley natural gas pipeline from West Virginia to Chatham, Virginia. A FERC spokeswoman said input from the public and interested agencies will be important to help determine what issues need to be focused on in the Environmental Impact Statement. Environmental issues already identified include terrain, sinkholes and caves, domestic water sources, forested areas, and historic properties.

<http://mountainvalleypipeline.info/>

Reuters, 12:03 May 4, 2015

Other News

Nothing to report.

International News

Update: Libya's Irda Gas Field Resumes Work after Protesters End Brega Oil Port Blockade

Protesters at Libya's eastern port of Brega agreed to a deal on Sunday to end their strike, Libya's state-run Sirte Oil Co said, clearing the way for the Irda natural gas field to resume production. Ports, oil, and gas fields close on a regular basis as armed factions fight for control or protesters seize them to press authorities with financial or political demands. The Irda field has also resumed work, the National Oil Corp (NOC) confirmed. The state-run NOC had warned last week that the nearby Sahel gas field might also close if the protest continued. The two fields produce a combined 150 Mcf/d of gas. Much of Libya's oil exports are routed through the east as protests have shut down the two largest western oil fields, El Sharara and El Feel. The eastern port of Hariga will export 2.6 million barrels of oil this week and plans to export 7 million barrels of crude oil in May, an oil official said. One tanker had just left after lifting 1 million barrels, while two others, one to lift 1 million and a second to lift 600,000 barrels, were expected in the coming days. The port's oil exports in the past four months were 5.6 million barrels of crude oil, the official said. A tanker bringing 25,000 imported tons of fuel for local consumption was also docked at Hariga. At the eastern port of Zueitina, a tanker was lifting 700,000 barrels of oil, another oil official said. The terminal has exported 2.75 million barrels in the past four months. The western Wafa oil and gas field, which usually produces 30,000 b/d of oil condensates, was working normally, a spokesman for NOC said.

Reuters, 12:14 May 3, 2015

Reuters, 7:09 May 4, 2015

Energy Prices

| U.S. Oil and Gas Prices | | | |
|--|-------|----------|----------|
| May 4, 2015 | | | |
| | Today | Week Ago | Year Ago |
| CRUDE OIL West Texas Intermediate U.S. \$/Barrel | 58.71 | 55.36 | 99.61 |
| NATURAL GAS Henry Hub \$/Million Btu | 2.67 | 2.56 | 4.70 |

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

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

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