



ENERGY ASSURANCE DAILY

Friday Evening, August 29, 2014

Electricity

Update: Restoration Continues to 4,000 DTE Customers Remaining Without Power August 29 after Strong Storms Hit Michigan August 26

Approximately 4,000 DTE Energy customers in southeast Michigan remained without power as of today, due to storms that produced high winds and lightning Tuesday evening. The storms produced wind gusts of up to 60 mph causing more than 1,000 downed wires and knocked out power to 165,000 DTE customers.

<https://www.facebook.com/dteenergy?sk=wall>

http://www.heritage.com/articles/2014/08/29/ann_arbor_journal/news/doc53fe125b5a12a678036393.txt

Duke Energy Indiana Files Plan to Modernize Its Statewide Electric Grid

Duke Energy Indiana was filing a plan today with the Indiana Utility Regulatory Commission (IURC) to modernize its aging electric grid that delivers power to more than 800,000 homes, businesses and industries. The seven-year, \$1.9 billion plan uses a combination of advanced technology and infrastructure upgrades to improve service to its customers and provide them with better information about their energy use. If the plan is approved by the IURC, customers will see a gradual rate increase averaging about 1 percent per year between 2016 and 2022. The IURC will set a schedule for hearings in the case. A decision is expected by next spring.

<http://www.duke-energy.com/news/releases/2014082901.asp>

Update: Duke Energy to Retire Remaining Coal-fired Units at its W.C. Beckjord Station in Ohio September 1

Duke Energy on Thursday announced it will retire the remaining coal-fired units, 5 and 6, at its W.C. Beckjord Station in New Richmond, Ohio, effective September 1. Due to the U.S. Environmental Protection Agency's increasingly stringent regulations on power plant emissions, Duke Energy Ohio three years ago announced its intent to retire Beckjord Station's coal-fired units 1 through 6 (totaling 862 MW) by January 1, 2015. Four oil-fired combustion turbines on the site, which are capable of producing 244 MW of electricity and are primarily used for generating power during periods of high demand, are planned to continue operations. Also, certain substation and transmission or distribution electrical equipment will remain on site and in operation. Retirement of the Beckjord units are subject to approval by regulatory authorities and the grid operator. Beckjord unit 1 was retired in 2012; units 2 and 3 were retired in 2013; and unit 4 retired earlier this year.

<http://www.duke-energy.com/news/releases/2014082801.asp>

Florida Regulator Approves Pumping Additional Water to Cool FPL's 693 MW Turkey Point Nuclear Plant

Florida Power & Light officials said in an emergency request to the South Florida Water Management District that it needs millions more gallons of freshwater to manage cooling canals that keep two nuclear reactors at Turkey Point from overheating. The hot canals do not pose a safety risk, federal regulators have said, but they have forced the utility to dial back operations over the summer. To cool the canals, the Water Management District on Thursday authorized pumping up to 100 million gallons of water a day from a nearby canal system, but only if it doesn't take too much water stored for Everglades restoration. The canals carry freshwater to Biscayne Bay and tamp down salinity, which can fuel algae blooms and harm marine life. The 100 million gallons would be in addition to 14 million gallons a day from the Floridan aquifer that water managers approved in June, after high temperatures threatened to shut down the reactors. Water managers say they will take daily measurements and notify FPL by 10 a.m. whether there is enough water to be pumped between the two canal systems.

<http://www.miamiherald.com/2014/08/28/4315000/florida-power-light-cooling-canals.html>

Update: Energy Northwest's 1,107 MW Columbia Generating Station Nuclear Unit in Washington Ramps Up to 71 Percent by August 29

On the morning of August 28 the unit was operating at 19 percent, down from 47 percent on August 27.

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

Update: Dynegy's 335 MW El Segundo Gas-fired Unit 4 in California Returns to Service by August 28

The unit returned from an unplanned curtailment of 185 MW that began by August 27.

<http://content.caiso.com/unitstatus/data/unitstatus201408281515.html>

AES's 336 MW Alamos Gas-fired Unit 4 in California Shut by August 28

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201408281515.html>

Petroleum

Minnesota PUC Approves 230,000 b/d Upgrade to Enbridge's Alberta Clipper Pipeline

The Minnesota Public Utilities Commission on Thursday approved a \$160 million upgrade to Enbridge's Alberta Clipper crude oil pipeline across northern Minnesota. The company plans to add new pumping in Kittson, Red Lake, Cass, and St. Louis counties, and other equipment would be upgraded at existing sites in Marshall, Clearwater, and Itasca counties. The additional stations would increase the pipeline's capacity from 570,000 b/d to 800,000 b/d. Company officials said construction could begin in about a month, with a target completion date in late 2015

<http://www.startribune.com/business/273104851.html>

Shell Submits New Plan to DOI to Explore Alaskan Arctic Oil

Royal Dutch Shell submitted a plan to the U.S. Department of Interior (DOI) Thursday to explore for oil in the Alaskan Arctic. The company said it had not made a final decision on whether to drill next summer, but that the filing with DOI preserved its options. Shell said the program consists of two drilling rigs working simultaneously in the Chukchi Sea, which has the potential to produce more than 400,000 b/d of oil.

<http://www.sfgate.com/science/article/Shell-submits-new-plan-to-explore-of-oil-in-Arctic-5719978.php>

International News

Update: Disputed Kurdish Oil Tanker Disappears Off Texas Coast; Iraq to Appeal U.S. Court Decision

The United Kalavrvta tanker near Texas loaded with \$100 million of disputed Iraqi Kurdish crude disappeared from satellite tracking on Thursday. The AIS ship tracking system used by the U.S. Coast Guard and Reuters showed no known position for the tanker, which was carrying 1 million barrels of crude when it went dark. Baghdad, which says it has the exclusive right to export the crude, has filed a lawsuit in a U.S. court to reclaim control of the United Kalavrvta cargo and block the Kurdistan Regional Government from delivering it. The court on Monday threw out an order issued to seize the cargo, saying it lacked jurisdiction because the tanker was some 60 miles offshore.

http://www.huffingtonpost.com/2014/08/28/disputed-kurdish-oil-tank_n_5733246.html

Energy Prices

U.S. Oil and Gas Prices			
August 29, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	94.51	93.15	109.64
NATURAL GAS Henry Hub \$/Million Btu	4.02	3.87	3.54

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