



ENERGY ASSURANCE DAILY

Thursday Evening, July 25, 2013

Electricity

Update: 49,000 PSO Customers Remain Without Power in Tulsa, Oklahoma July 25; 95 Percent Restoration Expected by July 28

Approximately half of the Tulsa-area customers who lost power in Tuesday night's thunderstorms have had their power restored. At the peak of the storms, Public Service Company of Oklahoma (PSO) estimated there were nearly 100,000 customers without power, and outages as of this afternoon stood at 49,000. Today, PSO and hundreds of workers from neighboring states and utilities continue the effort to restore power to those still without power. Based on damage assessment, and barring any future weather events, PSO estimates it could take until 5 p.m., Sunday, July 28, to complete power restoration to 95% of all customers who can take service.

<https://www.psoklahoma.com/outages/details.aspx?stormName=July%2023-24%20Storm>

Constellation's 480 MW Ginna Nuclear Unit in New York Trips from Full Power July 24

Constellation reported the reactor at its Ginna nuclear unit tripped due to a reactor protection system actuation signal from a turbine trip, which was caused by a generator trip. All control rods were inserted on the trip and the reactor coolant system (RCS) pressure is currently 2235 psig and stable with RCS temperature stable at 547 degrees F. Decay heat is being removed by steam dumps and auxiliary feedwater which auto started as expected. The cause of the generator trip is under investigation and the plant will remain in Mode 3 until the cause of the trip is determined.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130725en.html>

Radiation Monitor Spike Reported at Entergy's 510 MW Vermont Yankee Nuclear Unit in Vermont

On June 14, and again on July 11, with the reactor at 100% power, an invalid PCIS Group 3 actuation occurred from a momentary spike of the 'A' refuel floor radiation monitor, which reached the instrument's high radiation trip setpoint. A radiation protection technician was dispatched to the refuel floor and dose rates in the vicinity of the 'A' radiation monitor detector were verified to be normal and below the alarm setpoints. The radiation monitor was verified to be indicating normal expected radiation levels. Subsequent visual inspection and functional checks of the radiation monitors were completed satisfactory and the instrument channel was returned to service. The cause of the spurious spikes is attributed to an unknown source of electrical noise. The issue with spurious spiking has been entered into the station's corrective action program.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130725en.html>

Nuclear Fuel Removed from SCE's Shuttered San Onofre Nuclear Unit 2 in California July 25

Workers at Southern California Edison's (SCE) San Onofre nuclear power plant have finished removing highly radioactive fuel from its Unit 2 reactor. Edison announced last month it was closing the twin-reactor plant. Once the fuel is removed, Edison can formally surrender the plant's operating license to federal regulators. The fuel will be stored in protective casks.

<http://finance.yahoo.com/news/fuel-removed-shuttered-san-onofre-132213885.html>

Enbridge Restarts its 210,000 b/d Line 81 Pipeline in North Dakota July 24

Enbridge Inc restarted its North Dakota crude oil pipeline, Line 81, on Wednesday afternoon after being shut on Monday due to a leak. Line 81, which carries light crude from the Bakken shale fields to Minnesota, was flowing near 160,000 b/d late Wednesday, according to oil industry information provider.

Reuters, 10:20 July 25, 2013

Power Loss Causes Shutdown of HollyFrontier's 125,000 b/d Tulsa, Oklahoma Refinery July 24

Holly Frontier was forced to shut down its Tulsa, Oklahoma East and West refineries after a thunderstorm caused power outages forcing both refineries offline. Maintenance personnel were assessing the damage and restoring power Thursday.

Reuters, 22:19 July 24, 2013

Update: No Units Shut After Flaring at Valero's 83,000 b/d Houston, Texas Refinery July 23

Valero Energy Corp said no units are shut after flaring was reported in a community line message at its Houston refinery on Tuesday.

Reuters, 17:50 July 23, 2013

Update: Enterprise to Move Forward With Conversion of 230,000 b/d TE Products Distillate Pipeline to Carry Ethane after Court Ruling July 24

Enterprise Products Partners will shut down its TE Products distillate pipeline that shippers say is critical to supply markets from Texas to Indiana after a federal judge dismissed a dispute that had held up the company's plan to convert and reverse the pipeline to move Pennsylvania ethane to Texas petrochemical plants as part of its Appalachia-to-Texas (ATEX) project. Traders and petroleum marketers had argued that the pipeline shutdown would cause shortages and higher prices for diesel and jet fuel in areas along the pipeline. Since the court threw out the injunction blocking the pipeline shutdown, Enterprise can move ahead with its ATEX project.

Reuters, 19:08 July 24, 2013

Natural Gas

Update: BSEE, Coast Guard Confirm Well Flow Stopped at Walter Oil & Gas Corp.'s Hercules 265 Jack-up Rig in Gulf of Mexico July 25

The Bureau of Safety and Environmental Enforcement (BSEE) and the U.S. Coast Guard confirmed Thursday morning that the leaking natural gas well 55 miles offshore Louisiana has bridged over and the gas flow stopped. A fire that began Tuesday after operators lost control of the well has decreased to a small flame fueled by residual gas at the top of the well. Both BSEE and Coast Guard have conducted overflights to visually confirm and will continue overseeing response efforts until the well is secured.

<http://www.bsee.gov/BSEE-Newsroom/Press-Releases/2013/Press07252013/>

Enbridge Gas Distribution Announces Binding Transportation Open Season for Parkway to Albion Pipeline Project in Canada July 24

Enbridge Gas Distribution Inc. announced that it is conducting a binding transportation open season for the Parkway to Albion Pipeline Project in Canada, offering firm transportation service on a proposed pipeline from the new Parkway West gate station to a new interconnect at the Albion Road gate station. The Parkway to Albion Pipeline Project will provide firm transportation capacity of approximately 2,000 TJ/d from Parkway to Albion, of which 800 TJ/d will be reserved for Enbridge's distribution customers, and up to 1,200 TJ/d for market access. Service on this segment would commence as early as November 1, 2015. The project is constituted as part of Enbridge's GTA Project, which is designed to serve customers in the Greater Toronto Area.

<https://www.enbridgegas.com/about/for-the-media/news/index.aspx?article>

Other News

Ethanol Leaking from CSX Train Derailment at Port of Tampa, Florida July 25

A CSX Corp train of 15 cars derailed Thursday morning at the Port of Tampa, Florida, causing three ethanol-filled tanker cars to leak fuel. Firefighters were using foam to keep the ethanol from igniting.

<http://finance.yahoo.com/news/ethanol-leaking-train-derailment-florida-125514089.html>

International News

Yemen's Marib Oil Pipeline Attacked, Flow of Crude Halted July 25

Yemen's main oil export pipeline was blown up by tribesmen on Thursday, halting the flow of crude oil, security and oil officials said. Engineering teams were fixing the damage and the pipeline is expected to reopen Friday, according to an oil ministry official. The last attack on the pipeline was on June 30 but it was quickly repaired and crude was flowing again by July 3.

Reuters, 9:58 July 25, 2013

Energy Prices

U.S. Oil and Gas Prices			
July 25, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	105.45	108.10	87.03
NATURAL GAS Henry Hub \$/Million Btu	3.70	3.66	3.16

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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