



ENERGY ASSURANCE DAILY

Wednesday Evening, September 7, 2016

Electricity

Update: Over 6,000 City of Tallahassee Customers Remain without Power Due to Hurricane Hermine Impact in Florida September 7

City of Tallahassee (COT) on Wednesday reported power restoration efforts were continuing after Hurricane Hermine knocked out power to at least 73,680 customers beginning on September 1. As of 3:30 p.m. EDT Wednesday, 6,062 customers remained without power. COT said city crews, along with additional crews from across Florida, Georgia, and Louisiana, were working around the clock to assist in the restoration efforts. As the majority of the main feeder circuits have become operational, crews have split into smaller groups to begin addressing more targeted outage areas at the street level, as well as and sub-circuit outages, COT said.

<http://www.talgov.com/gis/outages/default.aspx>

<https://www.facebook.com/COTNews>

<https://talgov.com/main/news/5327.aspx>

BC Hydro Reports Over 34,000 Customers without Power in British Columbia September 6

BC Hydro reported over 34,000 customers in northeastern British Columbia were without power for several hours on Tuesday evening when a lightning strike interfered with the utility's transmission system. Power was restored to the vast majority of residents in the region by 10:30 p.m. EDT.

<https://www.bchydro.com/power-outages/app/outage-list.html>

<https://twitter.com/bchydro>

<http://www.cbc.ca/news/canada/british-columbia/bc-hydro-power-outage-northeastern-bc-1.3750761>

Hydro One Reports 23,000 Customers Briefly without Power in Ontario September 6 Due Third Party Utility Outages

Hydro One reported 23,000 customers in Essex County were without power Tuesday afternoon after 225 MW was lost from two stations in the area at 1:00 p.m. EDT. Power was restored to most residents by 1:50 p.m. EDT. A Hydro One spokeswoman told a local news outlet that the loss of power was due to other outages to EnWin customers in Windsor and other energy providers in the area.

https://twitter.com/HydroOne?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor

<http://www.hydroone.com/StormCenter3/>

<http://www.cbc.ca/news/canada/windsor/power-out-tecumseh-1.3749915>

OG&E Reports Over 10,000 Customers without Power in Oklahoma Due to Circuit Issues September 6

Oklahoma Gas & Electric (OG&E) reported 10,114 customers were briefly without power in eastern Oklahoma County on Tuesday afternoon due to "circuit issues." OG&E reported power was fully restored by 3:30 p.m. EDT Tuesday.

<https://oge.com/wps/portal/oge/outages/systemwatch/mobile.asp/>

https://twitter.com/OGandE?ref_src=twsrc%5Etfw

<http://www.news9.com/story/33032318/more-than-10000-without-power-in-oklahoma-county>

Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts Shut by September 7

The unit shut from full power on September 7 due to high reactor water level.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160907en.html>

Update: PSE&G's 1,092 MW Salem Nuclear Unit 2 in New Jersey Restarts September 6, Ramps Up to 60 Percent by September 7

On the morning of September 6 the unit had restarted and ramped up to 2 percent. The unit shut from full power on August 31 due to low reactor coolant flow.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20160901en.html>

Update: DTE's 1,089 MW Fermi Nuclear Unit 2 in Michigan at Full Power by September 7

On the morning of September 6 the unit was operating at 84 percent, ramped up from 66 percent on August 31.

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

Petroleum

Update: Houston Ship Channel Reopens to Vessel Traffic after Tanker Fire September 6

The Houston Ship Channel reopened to all vessel traffic on Tuesday evening, the U.S. Coast Guard said, after shutting early Tuesday morning following a vessel fire and bunker fuel spill. The tanker that caught fire was not loaded with a cargo, but spilled around 2,142 barrels of low sulfur diesel, the U.S. Coast Guard said. Most of the spilled fuel burned off, leaving a light sheen on the water and small pockets of recoverable fuel near the shoreline, the Coast Guard added.

<http://www.uscgnews.com/go/doc/4007/2880246/>

Reuters, 18:01 September 7, 2016

Workers Exposed to Leak at Marathon's 459,000 b/d Galveston Bay, Texas Refinery September 7 – Sources

Four contract workers were believed to have been exposed to hydrofluoric acid in an alkylation unit leak on Wednesday morning at Marathon Petroleum Corp's Galveston Bay Refinery in Texas City, Texas, said sources familiar with plant operations. The contractors were working on a pump when the leak occurred, the sources said. Reuters, 13:52 September 7, 2016

Arkansas PSC Approves Diamond Energy's Crude Oil Pipeline Project to Connect Valero's 190,000 b/d Memphis, Tennessee Refinery to Cushing, Oklahoma

The Arkansas Public Service Commission (PSC) approved Diamond Energy's plan to build a 440-mile crude oil pipeline after considering the plan's request for the pipeline to cross the Arkansas and Mississippi Rivers, as well as several other creeks in the state. The Diamond Pipeline will provide Valero's 190,000 b/d Memphis, Tennessee refinery with domestic sweet crude oil from the Cushing, Oklahoma storage hub, which will enhance the refinery's long-term viability for the production of gasoline, diesel and jet fuel for the greater Memphis and eastern Arkansas area, and provide economic benefits to the areas along the route. Construction of the pipeline is set to begin in 2016 and finish in 2017.

<http://www.diamondpipelinellc.com/>

Reuters 11:01 September 7, 2016

Energy Transfer Agrees to Temporary Work Stoppage in North Dakota on Its 1,100 Mile Dakota Access Pipeline Project Due To Native American Tribes' Objection September 6

A group of firms led by Energy Transfer Partners agreed on Tuesday to temporarily halt construction of the Dakota Access pipeline in some but not all parts of North Dakota where a Native American tribe claims that sacred burial grounds were overlooked in the U.S. Army Corp of Engineer's permitting process. The Standing Rock Sioux tribe and a neighboring Native American tribe on Sunday requested a temporary restraining order against the Dakota Access pipeline from the U.S. District Court for the District of Columbia. On Tuesday, a judge granted in part and denied in part the temporary restraining order, and said he would decide by Friday whether to grant the tribes' larger challenge to the pipeline, which would require the U.S. Army Corps of Engineers to withdraw permits for the project. The Dakota Access Pipeline would deliver crude oil from North Dakota's Bakken shale to refineries in the U.S. Gulf Coast.

Reuters, 19:05 September 7, 2016

Apache Corp Announces Southern Delaware Basin Oil, Gas Discovery in Texas September 7

Apache Corp on Wednesday announced a major oil discovery from its Alpine High field in west Texas. Apache's Alpine High acreage lies in the southern portion of the Delaware Basin, primarily in Reeves County, Texas. The company estimates hydrocarbons in place on its acreage position are 3 billion barrels of oil and 75 trillion cubic feet (Tcf) of rich gas in the Barnett and Woodford formations alone. Apache also sees significant oil potential in the shallower Pennsylvanian, Bone Springs and Wolfcamp formations. Apache said it raised its 2016 capital expenditure budget to \$2 billion from \$1.8 billion in order to start developing the field, making it one of a dozen or so leading shale producers to raise spending this year as many other declared bankruptcy.

<http://investor.apachecorp.com/releasedetail.cfm?ReleaseID=988060>

Reuters, 11:56 September 7, 2016

Natural Gas

Destin Pipeline Temporarily Decreases MP261 JP Take Away Capacity by 40 MMcf/d September 8

Destin Pipeline said it was decreasing take away capacity at MP261 JP to 195 MMcf/d for September 8 due to downstream turbine work and current flow rates at maximum capacity on its 24-inch lateral. Destin said the constraint would only be effective for one day and capacity will be increased back to 235 MMcf/d effective for timely cycle on September 9.

Reuters, 13:32 September 7, 2016

DCP Midstream Shuts Natural Gas Pipeline after Rupture in Wyoming September 6

DCP Midstream on Tuesday morning reported a rupture, was quickly secured and isolated, on a natural gas gathering pipeline in Douglas, Wyoming. DCP said flow of about 35 MMcf/d of gas was shut in and a plan was being assessed to return that volume to service next week. The cause of the incident was being investigated and DCP said it was continuing to monitor the pipeline as a precaution

Reuters, 17:44 September 6, 2016

Other News

Nothing to report.

International News

Iraq Sees Steady Oil Output, Export Growth in 2017 – Oil Official

Iraq's crude oil production and exports are expected to grow at a steady pace in 2017 from current levels, a senior Iraqi oil official said on Wednesday. Iraq's production was at 4.638 million b/d in August, the highest level since January. Meanwhile, members of the Organization of the Petroleum Exporting Countries (OPEC) are expected to discuss a possible output freeze at the International Energy Forum (IEF) in Algeria on September 26–28.

<http://www.reuters.com/article/us-asia-oil-appec-iraq-idUSKCN11D11K>

Update: Shell Lifts Force Majeure on Natural Gas Supplies to NLNG in Nigeria

Shell's Nigerian unit, Shell Petroleum Development Co. (SPDC), said it lifted force majeure on natural gas supplies to Nigeria Liquefied Natural Gas Co. (NLNG) effective Wednesday following a pipeline repair. The force majeure which was declared on August 8 following a leak on the Eastern Gas Gathering System (EGGS-1) pipeline was lifted after the line was re-opened, the company said.

Reuters, 6:31 September 7, 2016

Energy Prices

U.S. Oil and Gas Prices			
September 7, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	45.42	44.63	46.44
NATURAL GAS Henry Hub \$/Million Btu	2.82	2.92	2.67

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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