



ENERGY ASSURANCE DAILY

Monday Evening, July 28, 2014

Electricity

Strong Storms Knock Out Power to Over 186,000 DTE Customers in Michigan July 27

Strong storms producing high winds and lightning hit southeast Michigan Sunday afternoon, knocking out power to over 186,000 DTE customers. Strong winds, with gusts up to 70 mph, caused more than 1,000 power lines to come down, according to DTE, and additional outages were reported by customers this morning. As of 3:30 p.m. EDT today, 143,152 customers remained without power. DTE said the vast majority of its customers are expected to have their electric service restored by late Wednesday night.

<https://www2.dteenergy.com/wps/portal/dte/residential/problemsSafety/details/outage%20center>
<http://www.clickondetroit.com/weather/dte-energy-120000-without-power/27171972>
<http://uk.reuters.com/article/2014/07/28/us-utilities-power-outages-idUKKBN0FX13B20140728>

Dominion's 871 MW Millstone Nuclear Unit 2 in Connecticut Shut Due to Pump Failure July 26

Unit 2 was shut from full power July 26 due to turbine driven AFW Pump Failure.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>
<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20140728en.html>

Constellation's 825 MW Calvert Cliffs Nuclear Unit 1 in Maryland Ramps Up to 99 Percent by July 26

Calvert Cliffs nuclear power plant powered down one of its two generating units to 12 percent on July 25 after a leak was discovered in the coolant system keeping the pressurized water reactor from overheating

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>
http://www.baltimoresun.com/features/green/blog/bs-md-calvert-cliffs-shutdown-20140725_0.3275694.story

Update: SCE&G's 966 MW Summer Nuclear Unit in South Carolina Restarts by July 27, Ramps Up to 51 Percent by July 28

On the morning of July 27 the unit had restarted and was operating at 2 percent. The unit was shut July 14.

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

Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia Shut July 27

On the morning of July 27 the unit was operating at full power before shutting due to loss of the main feed pump during testing.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>
<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20140728en.html>

FPL's 839 MW Saint Lucie Nuclear Unit 2 in Florida Shut Due to Valve Leak July 25

On the morning of July 25 the unit was shut from full power due to a small valve leak.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2014/>
<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2014/20140728en.html>

FPL's 693 MW Turkey Point Nuclear Units 3 and 4 in Florida Reduced to 75 Percent by July 27

On the morning of July 26 the units were operating at full power.

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

Petroleum

Western Refining Says Its 122,000 b/d El Paso, Texas Refinery at Normal Rates July 28

Western Refining Inc said its El Paso refinery in Texas was running at normal rates Monday morning after a small fire struck the vacuum distillation unit at the refinery last week.

Reuters, 11:09 July 28, 2014

Marathon Restarting Ultracracker Unit at Its 451,000 b/d Galveston Bay, Texas Refinery July 28

Marathon Petroleum Corp said it was in the process of restarting the ultracracker unit at its Galveston Bay, Texas refinery after an issue with the unit furnace.

Reuters, 10:25 July 28, 2014

ExxonMobil Reports Unit Upset, Emissions at Its 344,600 b/d Beaumont, Texas Refinery July 27

ExxonMobil reported a unit upset at its Beaumont, Texas refinery and some impact to production was anticipated.

Reuters, 21:10 July 27, 2014

Alon Reports Excess Opacity at Its 73,000 b/d Big Spring, Texas Refinery July 25

Alon reported excess opacity at the CO boiler due to the electrostatic precipitator shutting down on high CO. The CO Boiler draft fan slowed down and caused low oxygen at the boiler, which resulted in high CO at the ESP. As a safety precaution the ESP was shut down. Operators tapped on the throttle valve and governor case to return normal RPMs at the draft fan. The ESP was restarted and normal operations resumed.

Reuters, 12:14 July 26, 2014

Wyoming Refining's 14,000 b/d Newcastle, Wyoming Refinery Shut Due to Small Fire July 25

Production was stopped on Friday at Wyoming Refining Co's Newcastle refinery following a small fire due to a power outage, according to a report on the Casper Star-Tribune's website. Production was likely to resume in 48 hours and there were no injuries, the report said. The fire, which started early on Friday before being extinguished, was caused due to the rupture of a tube in a heating unit due to the shutdown following the power blip, the report said.

Reuters, 15:51 July 25, 2014

National Energy Board Orders Enbridge to Stop Work on Its 390,000 b/d Line 3 Pipeline in Manitoba

The National Energy Board ordered Enbridge Inc. to stop work along its Line 3 crude oil pipeline in Manitoba after an inspection earlier this month revealed numerous environmental and safety concerns. Line 3 has been carrying crude between Alberta and Wisconsin for nearly half a century. Enbridge announced plans earlier this year to replace the pipeline in its entirety. A company spokesman said Friday the NEB order relates to regular maintenance work on the existing pipeline around Cromer, Manitoba, not the larger replacement project. The NEB says it won't allow work to resume until it's satisfied the problems have been fixed by Enbridge. The upgrade will allow the line to pump a maximum of 760,000 b/d, up from its current capacity of 390,000 b/d it.

<http://www.cbc.ca/news/canada/manitoba/national-energy-board-orders-enbridge-to-stop-work-on-manitoba-pipeline-1.2718344?cmp=rss>

<http://www.neb-one.gc.ca/clf-nsi/rsftyndthnvrnmnt/sfty/brdrdr/nbrdg/2014/dwl-001-2014-eng.html>

Natural Gas

Targa Reports Generators Shut at Its 150 MMcf/d Sand Hills Gas Plant in Texas July 24

Targa reported the exciter panel board shorted out on a plant generator, G-3, causing the plant generator to shut down. This overloaded both the G-1 and G-2 plant generators and caused them to shut down. This caused a loss of electricity for the plant and inlet gas was routed to the emergency inlet flare, F-1. Once the exciter board was replaced, the generators were restarted and the plant began the startup procedure. Once the plant was started up, flaring ceased at the emergency inlet flare, F-1.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=201435>

Regency Reports AGI Shut at Its 290 MMcf/d Waha Gas Plant in Texas July 26

Regency reported the acid gas injector (AGI) shut down on high fifth stage differential pressure/temperature, which was believed to be caused by ambient temperatures. The compressor was restarted once the temperature/pressure was within operating parameters.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=201480>

Enbridge Reports Power Outage, AGIs Shut at Its Tilden Gas Plant in Texas

July 25

Enbridge reported that due to loss of electrical power from the electric provider, the acid gas injectors (AGIs) shut and acid gas was flared. Once electrical power was restored, the plant was restarted. As acid gas came available, the AGIs were started and stabilized.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=201475>

Strata-X Energy Reports Natural Gas Discovery in North Dakota

Strata-X Energy said while exploring for natural gas outside of western North Dakota's oil patch it found the resource. The company received four drilling permits from the state last year for Emmons and McIntosh counties. The company drilled a well about 10 miles east of Linton in June and says it hit gas. The company plans to drill three more wells later this year, as it works to determine whether future drillings in the two counties would be economical. Strata-X has leases on about 187 square miles for its Sleeping Giant Gas Project.

Reuters, 8:15 July 28, 2014

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
July 28, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	101.40	104.11	104.56
NATURAL GAS Henry Hub \$/Million Btu	3.79	3.91	3.68

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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