



ENERGY ASSURANCE DAILY

Wednesday Evening, July 02, 2014

Electricity

Update: Over 183,000 Customers Remain Without Power in Upper Midwest July 2 after Derecho June 30–July 1

A massive derecho, with heavy rain and high winds, moved across Iowa, Wisconsin, Illinois, Michigan, and Indiana Monday night into Tuesday morning. Wind gusts of up to 75 miles per hour were reported in some areas downing power lines and leaving over 1 million customers without power. As of 3:30 p.m. EDT Wednesday, 183,001 customers remained without power. NIPSCO said it expects 95 percent of its remaining outages to be restored by the end of today and to be complete by the end of Thursday. Commonwealth Edison estimates that the remaining customers will have their service restored by late Thursday night, with the exception of some pockets in the hardest hit areas. Indiana and Michigan Power expects full restoration by Saturday at 6:00 p.m. local time. DTE said the vast majority of its customers are expected to have their electric service restored by late Thursday night. Consumers Energy expects most outages to be restored late today and the hardest hit areas by midday Thursday. We Energies expects to have all or nearly all customers restored by later this evening. Ameren Illinois, Indianapolis Power & Light, and MidAmerican Energy each had less than 1,000 customers remaining without power Wednesday afternoon.

Upper Midwest Customer Power Outages			
July 2, 2014			
Electric Utility	State	Peak	Latest Reported
Commonwealth Edison	IL	400,000	66,878
Northern Indiana Public Service Company (NIPSCO)	IN	121,000	27,174
Indiana and Michigan Power	IN/MI	74,000	38,683
Alliant Energy	IA/WI	74,605	2,684
Detroit Edison (DTE)	MI	140,000	23,481
Consumers Energy	MI	70,000	20,510
We Energies	WI	125,000	3,591
TOTAL*		1,004,605	183,001

*Total outages represent only electric utilities listed in this table.

Sources:

<http://www.washingtonpost.com/blogs/capital-weather-gang/wp/2014/07/01/the-june-30-2014-upper-midwest-derecho-in-ten-images/>

<https://twitter.com/ComEd>

https://www.comed.com/_layouts/comedsp/OutageMap.aspx

<https://www.comed.com/customer-service/outage-information/Pages/storm-center.aspx>

<https://indianamichiganpower.com/mobile/outages/OutageDetails.aspx?stormName=July+1+Wind+Storm>

https://twitter.com/IN_MI_Power

<https://twitter.com/IPLpower>

<http://apps.iplpower.com/outages/outagemap.aspx>

<https://twitter.com/nipsco>

<http://www.nipscooutages.com/WSSNisourceOutageMap/outagemap.html?action=city&reloaded=true>

<https://www.nipsco.com/stay-safe/outage-center>

<http://www.we-energies.com/outagemapext/default.html>

<http://www.wthr.com/story/25911957/2014/07/01/overnight-storms-down-trees-knock-out-power>

https://twitter.com/DTE_Energy

<http://www.consumersenergy.com/News.aspx?id=7253&year=2014>

<https://www2.dteenergy.com/wps/portal/dte/residential/problemsSafety/details/outage>

<https://twitter.com/consumersenergy>
<http://weenergies.blogspot.com/>

Update: Dynegy, LLC's 510 MW Moss Landing Gas-fired Unit in California Returns to Service by July 1

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

<http://content.aiso.com/unitstatus/data/unitstatus201407011515.html>

Inland Empire Energy Center, LLC's 376 MW Inland Empire Energy Center Gas-fired Unit 1 in California Shut by July 1

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201407011515.html>

Petroleum

Shell Reports Feed Cut to Distilling Unit after Operational Upset at Its 327,000 b/d Deer Park, Texas Refinery June 30

Royal Dutch Shell Plc said on June 30 the distilling unit number 2 (du-2) at its Deer Park, Texas refinery sent material to the atmosphere from a relief valve during an upset of the crude column. The feed and temperature to the unit was reduced, the pressure was stabilized, and the relief valve reset with no issues.

Reuters, 16:20 July 1, 2014

Reuters, 13:54 July 1, 2014

Marathon Reports Unit Malfunction at Its 451,000 b/d Galveston Bay, Texas Refinery June 30

Marathon Petroleum Corp. reported a leak on an orifice flange required material to be de-pressured to flare in order to stabilize the unit. The unit was de-pressured to stabilize and stop flaring, according to a filing with the Texas Commission on Environmental Quality.

Reuters, 16:57 July 1, 2014

Tesoro Performing Unplanned Unit Maintenance at Its 166,000 b/d Martinez, California Refinery July 1

Tesoro Corp. said it was performing unplanned maintenance on an unspecified unit at its Golden Eagle refinery in Martinez, California. The company said it did not expect an impact on its ability to fulfill supply commitments.

Reuters, 13:40 July 1, 2014

Phillips 66 Reports Hydrogen Plant Shutdown at Its 120,200 b/d Rodeo, California Refinery June 27

Phillips 66 reported the hydrogen plant went down on June 27 at its Rodeo, California, refinery, according to a filing with Contra Costa County Health Services.

Reuters, 12:41 July 1, 2014

Alpha Crude Connector Announces Successful Open Season, Proceeds with 100,000 b/d Alpha Pipeline Project and Second Open Season

Alpha Crude Connector, LLC today announced a successful open season for the Alpha Crude Connector Pipeline, a new FERC regulated, crude oil transportation pipeline to be located in Lea and Eddy Counties, New Mexico and Culberson, Loving, Reeves and Winkler Counties, Texas. The pipeline will have the capacity to accept over 100,000 b/d of crude oil from numerous lease tank batteries and other field receipt points and a truck terminal in the northern Delaware Basin. Shippers will have the ability to deliver crude through the system to multiple downstream pipelines and a rail terminal, providing access to local refineries, Cushing and the U.S. Gulf Coast. The pipeline is projected to be in service in the second half of 2015. Alpha intends to conduct a second open season scheduled to begin on July 2 and end on November 4 to explore obtaining additional binding long-term acreage or long-term volume commitments for this new crude oil transportation system.

http://www.frontierenergyllc.com/alpha_cc_pr.html

Natural Gas

Southern Union Reports Unit Shut, Inlet Gas Flaring at Its Keystone Gas Plant in Texas June 30

Southern Union reported unit 24 was down on second stage discharge pressure and could not be restarted due to low starting air pressure. This caused flaring of the inlet gas coming into the plant. The field department was called to back out the gas and the open valve on the starting air line was closed to build up air pressure. Unit 24 was restarted and the low pressure inlet gas flaring stopped.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=200453>

Other News

Hurricane Watch Issued for June 3 in Outer Banks, North Carolina

Tropical storm Arthur was expected to pass well east of the north Florida coast tonight and become a Category 1 hurricane off North Carolina's coast on Thursday. The storm could create dangerous rip currents that day along the Outer Banks and the Pamlico Sound, forecasters said. Arthur should hit hurricane strength with sustained winds above 73 miles per hour, the National Hurricane Center said.

http://www.cnn.com/2014/07/02/us/holiday-weather/index.html?hpt=hp_t2

<http://www.nhc.noaa.gov/text/refresh/MIATCPAT1+shtml/021742.shtml>

Dryer Explodes at Arkalon Energy's Liberal Ethanol Plant in Kansas June 29

A piece of equipment that dries corn exploded at an Arkalon Energy, LLC ethanol plant in Liberal, Kansas, June 29, potentially causing over \$1 million in damages. Fire crews worked through June 30 putting out fires and investigators believe the explosion may have been caused by a natural gas explosion in the combustion chamber of the dryer.

<http://www.kwch.com/news/local-news/dryer-explodes-at-liberal-ethanolplant/26727254>

International News

Libya's Oil Output at 321,000 b/d, Rebels to Reopen Es Sider and Ras Lanuf Oil Terminals

Libya's oil production was at 321,000 b/d on Tuesday, as Libyan rebels agreed to reopen the remaining two terminals at Es Sider and Ras Lanuf on Wednesday, a rebel spokesman said. The rebels had agreed in April to reopen two smaller ports and then gradually free up Es Sider and Ras Lanuf, which they seized nearly a year ago. If the two major eastern terminals reopen, it would bring back around 500,000 b/d of crude oil export capacity.

http://www.rigzone.com/news/oil_gas/a/133832/Spokesman_Libyan_Rebels_To_Reopen_Two_Remaining_Oil_Terminals#sthash.eQRxzbhk.dpuf

Reuters, 9:42 July 1, 2014

Energy Prices

U.S. Oil and Gas Prices			
July 2, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	105.14	106.56	98.87
NATURAL GAS Henry Hub \$/Million Btu	4.43	4.49	3.65

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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