



ENERGY ASSURANCE DAILY

Monday Evening, June 24, 2013

Major Developments

Wave of Severe Thunderstorms Cuts Power to 619,000 Utility Customers in the Upper Midwest June 21–23

Severe thunderstorms struck parts of the Dakotas, Minnesota, and Wisconsin over the weekend, with damaging winds, lightning, and baseball-sized hail, and cut power to 619,000 utility customers throughout the Upper Midwest. The storms developed in the Dakotas on Friday and powered through Minnesota into Wisconsin early Saturday and again on Sunday, the U.S. National Weather Service said. Xcel Energy reported the weekend's storms had affected 616,500 of its customers since Friday, according to a spokesman, and that 1,000 linemen were working to restore power. Xcel crews and contractors have been joined by workers from 14 States to restore power to the remaining customers currently without service. As of 3:00 p.m. EDT Monday, 17,336 Xcel customers remained without power. Xcel said repairing the extensive damage to its system would take a couple more days, and that it expects to restore power to the vast majority of customers by Wednesday. Stearns Electric Association, which serves customers in central Minnesota, reported 2,500 customers without power Friday. The utility fully restored power by 11:00 p.m. local time Sunday.

http://www.xcelenergy.com/Outages/Report_a_Problem/Outage_Map/Outage_Map

http://www.xcelenergy.com/News_Releases/Power_restoration_efforts_continue_around_state

<http://www.kaaltv.com/article/stories/S3076821.shtml?cat=10151>

<http://www.sctimes.com/Some-St-Cloud-residents-still-without-power-Monday-morning>

<http://www.sctimes.com/article/20130621/NEWS01/306210018/20-000-without-power-storm-batters-St-Cloud>

Enbridge Shuts Line 37 in Alberta after Light Synthetic Crude Released June 22; Shuts 345,000 b/d Athabasca and 600,000 b/d Waupisoo Crude Pipelines as a Precaution

Enbridge Pipelines (Athabasca) Inc., a subsidiary of Enbridge Inc., shut down and isolated its Line 37 pipeline north of Cheecham, Alberta, at 5:21 a.m. MDT Saturday after the operator's leak detection system detected a potential release from the line. Line 37 is a 12-inch pipeline that is 17-kilometers long and connects facilities in the Long Lake area to Cheecham and is part of Enbridge's Athabasca system. (Enbridge declined to comment on the size of the pipeline, which also serves CNOOC Ltd's Long Lake oilsands project.) Field personnel discovered light synthetic oil on the ground approximately 2 kilometers north of Enbridge's Cheecham Terminal, approximately 70 kilometers southeast of Fort McMurray. Initial estimates place the volume of the release at approximately 750 barrels. An investigation into the cause continues, but early indications suggest that unusually heavy rains in the area may have resulted in ground movement on the right-of-way that may have impacted the pipeline. As a precaution, all other Enbridge pipelines in the area have been shut down, including the 345,000 b/d Athabasca pipeline, which carries dilbit blended crude to the Hardisty terminal in Alberta, and the 600,000 b/d Waupisoo pipeline, which carries crude oil to Edmonton. A spokesman said Sunday that the company anticipates restarting these lines as soon as it can confirm their integrity through a geotechnical assessment, but it was too soon to say when that will be. Enbridge notified the Alberta Energy Regulator and is working with them, as well as Alberta environment officials and local aboriginal communities. Enbridge will work with regulators and our community partners to insure this situation is resolved safely and as quickly as possible.

<http://www.enbridge.com/MediaCentre/News.aspx?yearTab=en2013&id=1734080>

<http://www.reuters.com/article/2013/06/23/enbridge-pipeline-spill-idUSL2N0EZ08Y20130623>

Spectra Restarts 280,000 b/d Express-Platte Crude Oil Pipeline System by June 22 after Shutting Lines on June 21 Due to Flooding in Alberta

Spectra Energy said Monday it shut its 280,000 b/d Express-Platte pipeline system at the end of last week due to communication problems caused by heavy flooding in Alberta, but restarted the lines over the weekend. A Spectra spokesman said the 280,000 b/d Express pipeline, which carries Canadian crude from Hardisty, Alberta to Casper, Wyoming, was down for slightly less time than the 164,000 b/d Platte pipeline that continues to Wood River, Illinois. Having shut on Friday, both lines were restarted between late afternoon and early evening on Saturday, the spokesman said, adding no further disruption to the lines was expected from the Alberta flooding.
Reuters, 11:55 June 24, 2013

Emergency Management Officials Say It Could Take Months to Fully Restore Power to Calgary after Floods Sweep Southern Alberta June 20–23

The Calgary Emergency Management Agency on Sunday said that power outages in Calgary could last for weeks or even months, after record-breaking floods that killed three people and forced more than 100,000 to evacuate swept across southern Alberta. The agency said power restoration in the downtown core, where many of Canada's oil companies have their headquarters, could take days, weeks, or even months. Late Sunday Mayor Naheed Nenshi said the buildings occupied by 90 to 95 percent of Calgary's downtown workers could be functioning again by Tuesday, but certain pockets of downtown area may take weeks to return to normal. Many oil and gas companies were making plans for employees to work from home. Evacuations started on Thursday and utility Enmax switched off power to central Calgary on Friday afternoon to avoid water damage to its downtown facilities. At least 30,000 Enmax customers were without power Saturday morning, local media reported. Troops on Sunday morning helped shore up the east bank of the Bow River in Calgary and ensure the stability of an Enmax substation. It was unclear how much crude trading would take place on Monday after little if any trade on Friday.

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

http://www.enmax.com/Corporation/Media+Room/Whats+New/2013_Calgary.htm

<http://www.reuters.com/article/2013/06/23/canada-floods-calgary-idUSL2N0EZ03420130623>

<http://www.breakingnews.com/30000-customers-in-calgary-remain-without-power-d>

<http://www.theglobeandmail.com/more-calgarians-return-home-as-floods-strike-new-communities>

Electricity

Outage on Two Transmission Lines Cuts Power to 145,000 PG&E Customers in California for about 3 Hours June 23

Pacific Gas & Electric (PG&E) on Sunday reported about 145,000 of its customers from Lompoc to Cambria were left without power starting around 9:30 p.m. local time Sunday night due to an outage of two transmission lines in Morro Bay that feed power to the entire Central Coast. PG&E suspected the cause was an equipment failure at a substation, and the utility planned to restore power to 3,000 to 9,000 customers at a time. Power was restored to most customers by 12:45 a.m. Monday.

<http://www.sanluisobispo.com/2013/06/23/2558135/power-outage-affecting-central.html>

<http://www.foxnews.com/us/2013/06/24/widespread-power-outage-affects-145000-pge-customers>

Update: FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Restarts by June 21, Ramps Up to 87 Percent by June 23

Perry 1 is returning from an outage that began June 16, when operators shut the plant to fix a coolant leak at the base of a vent line on the 'B' Reactor Recirculation Flow Control Valve. On the morning of June 21 the unit was operating at 2 percent.

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

Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramped Up to 99 Percent by June 24

River Bend is returning from an outage that began by June 17. Operators restarted the unit by June 20.

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

Calpine's 525 MW Sutter Natural Gas-Fired Unit in California Shut by June 22

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201306221515.html>

Calpine's 751 MW Pastoria Natural Gas-Fired Unit in California Returns to Service by June 22

The unit returned from an unplanned curtailment of 511 MW that began by June 21.

<http://content.caiso.com/unitstatus/data/unitstatus201306221515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201306211515.html>

AES's 498 MW Alamitos Natural Gas-Fired Unit 5 in California Returns to Service by June 23

The unit returned from an unplanned outage that began by June 22.

<http://content.caiso.com/unitstatus/data/unitstatus201306231515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201306221515.html>

NRG's 215 MW Mandalay Natural Gas-Fired Unit 1 in California Returns to Service by June 23

The unit returned from an unplanned outage that began by June 22.

<http://content.caiso.com/unitstatus/data/unitstatus201306231515.html>

<http://content.caiso.com/unitstatus/data/unitstatus201306221515.html>

Petroleum

Update: BP Starting Up Revamped 260,000 b/d CDU at Its 413,000 b/d Whiting, Indiana Refinery – Sources

BP Plc on Friday was starting up the revamped crude distillation unit (CDU) at the heart of an overhaul of its Whiting refinery, sources familiar with refinery operations said. The start-up is expected to finish within 10 days, and the 260,000 b/d CDU will be moving to full production over 3–4 weeks, the sources said. The overhaul, which will allow the refinery to run heavier oil and increase gasoline and diesel production by about 40,000 b/d, required the shutdown in November of the Pipestill 12 CDU, the refinery's largest of three CDUs. In addition to upgrading the CDU, the refinery is installing a new 102,000 b/d delayed coking unit, new gas-oil hydrotreating and sulfur recovery units, and other infrastructure improvements. The refinery will be able to process up to about 85 percent heavy crude, compared to 20 percent before completion. Work on other units at the refinery will continue into the second half of the year, when the refinery-wide project is scheduled for completion.

Reuters, 14:20 June 21, 2013

ExxonMobil Restores Normal Operations on RHC Unit after Partial Trip at Its 572,500 b/d Baytown, Texas Refinery June 21

ExxonMobil reported the Raffinate Hydroconversion Unit (RHC) at its Baytown refinery experienced a partial trip Friday evening, resulting in flaring from several flares and emissions from the RHC unit, according to a filing with the Texas Commission on Environmental Quality. Operators reduced feed rates until routine operations were restored about 80 minutes later, the filing said.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=184569>

Gas Release from Flare Stack Follows Electrical Failure at ExxonMobil's 238,600 b/d Joliet, Illinois Refinery June 23

ExxonMobil Corp. reported that an unknown amount of gas had been released from a flare stack at its Joliet refinery in Illinois for about 30 minutes Sunday following an electrical failure, according to a filing with the Illinois Emergency Management Agency.

Reuters, 12:31 June 23, 2013

Tesoro Reports No Impact on Operations after Brief Power Outage at Its 156,400 b/d Martinez, California Refinery June 19

Tesoro Corp. on Friday reported there was no impact to operations and that its Martinez refinery was running normally after a brief power outage on June 19, according to a filing with the Contra Costa Health Services.

Reuters, 15:26 June 21, 2013

Philadelphia Energy Solutions Reports Alkylation Unit Startup at Its 335,000 b/d Philadelphia, Pennsylvania Refinery June 21

Philadelphia Energy Solutions on Friday reported the startup of its No. 869 alkylation unit at the Point Breeze section of its Philadelphia refinery, according to a filing with State regulators.
Reuters, 14:58 June 21, 2013

Natural Gas

Nothing to report.

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
June 24, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	93.47	97.82	79.15
NATURAL GAS Henry Hub \$/Million Btu	3.85	3.76	2.48

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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