



# ENERGY ASSURANCE DAILY

Friday Evening, June 21, 2013

## Electricity

### Severe Storms Cut Power to 200,000 Customers in Minnesota and Wisconsin June 21

Severe storms blew through the Upper Midwest Friday morning, knocking out power to 198,500 customers in Minnesota and Wisconsin. The hardest hit utility, Xcel Energy, reported 176,000 of its customers in both states lost power during the storm. The utility said crews are working to restore power, but it could take several days due to the extent of the storm damage. Crews from North Dakota and South Dakota are traveling to the region to assist with the restoration effort.

Upper Midwest Customer Power Outages			
June 21, 2013			
Electric Utility	State	Peak	Latest Reported
Xcel Energy	MN	156,000	50,095
Minnesota Power / SWL&P	MN / WI	16,000	4,658
Xcel Energy	WI	20,000	1,055
Wisconsin Public Service	WI	6,500	1,932
<b>TOTAL</b>		<b>198,500</b>	<b>57,740</b>

Sources:

<http://www.myfoxtwincities.com/story/22652705/power-outages-twin-cities-jun-21-2013>

<http://www.xcelenergy.com/Outages>

<https://twitter.com/WPSstorm>

<http://www.wisconsinpublicservice.com/outagesummary/view/outagegrid.aspx>

<http://www.mnpower.com/OutageCenter/OutageMap>

### PSE&G Prepares for Summer Electric Demand with Upgrades

Public Service Electric and Gas Co. (PSE&G) said it is preparing to meet the expected high demand for electricity over the summer by investing in transmission and distribution facilities and training its workforce. The utility has conducted employee training, developed emergency summer operating plans, and performed summer peak reliability analysis, helicopter and climbing inspections of transmission circuits, infrared inspections, system reinforcements and transmission line work. Additionally, PSE&G has recently replaced more than 100 miles of underground distribution cable, 10 miles of aerial cable, 129 pad-mounted transformers, 127 microprocessor relays and 57 underground network protectors.

<http://www.pseg.com/info/media/newsreleases/2013/2013-06-20.jsp#.UcS2cy40U6Y>

### Exelon Reports Leak at Its MW Byron Nuclear Power Plant in Illinois June 20

Exelon Corp. filed a report with Nuclear Reactor Commission detailing a leak discovered in a tank of sulfuric acid during a routine inspection. Approximately 120 gallons of sulfuric acid leaked onto the surrounding area and nearby drainage ditch. According to the report, the source of the leak has been determined to be a pipe on the tank and it has been isolated with a closed valve. Operators have stabilized the tank and contained the leak.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130621en.html>

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1051067](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1051067)

### Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Exits Outage by June 20, Ramps Up to 20 Percent by June 21

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

## **Calpine's 593 MW Metcalf Gas-fired Unit in California Reduced by June 20**

The unit entered an unplanned curtailment of 148 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201306201515.html>

## **Consumers Electric Buys Wind Turbines for 105.4 MW Cross Winds Energy Park in Michigan**

Consumers Electric has agreed to buy 62 of General Electric Co.'s 1.7 MW wind turbine generators for its Cross Winds energy park in Tuscola County, Michigan, for a total installed generation capacity of 105.4 MW. Consumers said it will start construction of Cross Winds later this year and it is scheduled to be operational in late 2014.

[http://www.reuters.com/article/2013/06/21/utilities-cms-wind-](http://www.reuters.com/article/2013/06/21/utilities-cms-wind-idUSL2N0EX0C020130621?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43)

[idUSL2N0EX0C020130621?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43](http://www.reuters.com/article/2013/06/21/utilities-cms-wind-idUSL2N0EX0C020130621?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43)

<http://phx.corporate-ir.net/phoenix.zhtml?c=101338&p=irol-newsArticle&ID=1831843&highlight=>

## ***Petroleum***

---

### **Colonial Resumes Operations on Its Line 1 Gasoline Pipeline After Issue with Mainline Valve in Texas Forces Brief Shutdown June 20**

Colonial Pipeline Co said Friday that its 1 million b/d Line 1, its main gasoline line, running from Houston, Texas, to Greensboro, North Carolina had resumed normal operations Thursday evening after it was briefly shut to respond to an issue involving the mainline valve.

Reuters, 8:53 June 21, 2013

### **ExxonMobil Expects Shut CDU at Its 149,500 b/d Torrance, California Refinery to Affect Output**

ExxonMobil Corp said Thursday that it had shut the sole crude distillation unit (CDU) its 149,500 b/d refinery in Torrance, California to repair piping and that this will affect output. The CDU was operating at minimum production levels, and the shutdown could last more than two weeks.

Reuters, 10:51 June 21, 2013

### **Update: Shell Still Investigating Cause of Boiler Trip at Its 156,400 b/d Martinez, California Refinery**

Royal Dutch Shell Plc said it was investigating the cause of the boiler problem at its refinery in Martinez, California and was not sure of what operational impact there may have been. On Wednesday the company reported that a boiler at the refinery had tripped releasing hydrogen cyanide and ammonia into the atmosphere. There were no injuries or community impact.

Reuters, 21:11 June 19, 2013

### **Update: Motiva Restarts Unit at Its 600,000 b/d Port Arthur, Texas Refinery June 21**

According to a filing with the Texas Commission on Environmental Quality, Shell Motiva has restarted an unspecified unit at its Motiva refinery in Texas after shutting the unit down due to an operational issue. The filing indicated that a catalytic feed hydrotreater unit was shut on June 14.

Reuters, 9:28 June 21, 2013

### **BSEE Concludes June 2012 Oil Spill Off the Coast of California was Caused by Failed Ruptured Disk**

The Bureau of Safety and Environmental Enforcement (BSEE) released findings of its investigation into a June 2012 oil spill on Pacific Operators Offshore LLC Platform Houchin, off the coast of California. As a result of the investigation into the 35 barrel oil spill, BSEE issued two Incidents of Non Compliance to Pacific Operators, and a safety alert has been issued to offshore operators warning of potential pollution from production operations due to a failed ruptured disk. The investigation confirmed that the disk had ruptured below its set or nominal pressure rating. BSEE has alerted offshore operators to check their equipment.

[http://www.bsee.gov/uploadedFiles/BSEE/BSEE\\_Newsroom/BSEE\\_News\\_Briefs/2013/HouchinReport6-22-2012.pdf](http://www.bsee.gov/uploadedFiles/BSEE/BSEE_Newsroom/BSEE_News_Briefs/2013/HouchinReport6-22-2012.pdf)

### **ExxonMobil, BP, ConocoPhillips, TransCanada Continue Work on Alaska South Central LNG Project**

ExxonMobil Corp. announced Friday that along with BP, ConocoPhillips, and TransCanada, it has begun summer field work on the Alaska South Central LNG project. The project, which includes an 800-mile, 42-inch pipeline, up to eight compression stations, at least five take-off points for in-state gas delivery, a gas treatment plant located on the North Slope, and a liquefaction plant in the south-central region, began in March 2012. Work this summer is associated with front end engineering design and will consist of studies to collect and analyze environmental and other scientific data required to support future regulatory filings that are key to the approval of this project.

<http://news.exxonmobil.com/press-release/more-progress-alaska-south-central-lng-project>

### **ExxonMobil Seeks License to Export LNG to Asian Markets from British Columbia**

ExxonMobil Corp. has submitted a regulatory filing to the National Energy Board in Canada for a license to export 30 million tons of liquefied natural gas (LNG) per year to Asian markets from the coast of British Columbia.

According to the filing, exports are targeted for 2021 to 2023, and the company proposes developing a liquefaction terminal as well as storage and loading facilities.

Reuters, 16:31 June 20, 2013

### **Ruptured Gas Pipeline Prompts Evacuations in Southern Alberta June 20**

Alberta Energy Regulator said Thursday that a pipeline carrying sour natural gas owned by Legacy Oil and Gas Inc. ruptured in Turner Valley, Alberta, causing the town to evacuate some residents as a precautionary measure. There were no injuries reported, and Legacy was working with Alberta Energy Regulator to respond to the leak. According to the company, the leak was caused by impacts from trees and other debris caused by heavy rains and flooding.

Reuters, 18:55 June 20, 2013

### **Flaring Reported at Southern Union's 140 MMcf/d Keystone Gas Plant in Texas June 20**

According to a filing with the Texas Commission of Environmental Quality, a field unit at Southern Union's Keystone gas plant went down and gas flared due to an air line leak.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=184525>

### **Communication Malfunction Shuts Both AGI Units at Enbridge's Tilden Gas Plant in Texas June 20**

Enbridge reported that a disconnected wire caused a communication malfunction at its Tilden gas plant, resulting in both AGI Units 1 and 2 going offline. Operations responded immediately to correct the situation. All process gas was routed to the flares to mitigate emissions, according to the filing with the Texas Commission on Environmental Quality. The acid gas injection control panel was deactivated, communication connection was checked for connectivity, and the connections confirmed that the units were back online.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=184510>

## **Other News**

---

Nothing to report.

## **International News**

---

### **Shell Shuts 150,000 b/d Trans-Niger Oil Pipeline in the Nigeria Due to Explosion June 19**

The Shell Petroleum Development Company of Nigeria Ltd (SPDC) joint venture shut the Trans Niger Pipeline (TNP) yesterday June 19 following an explosion and fire at a crude theft point on the 28" section of the facility at Bodo West in Ogoniland. Prior to the incident, SPDC had shut down the 28" TNP to remove crude theft connections, and has now closed the 24" TNP as a precautionary response to the fire. This means that the entire TNP system, comprising the 28" and 24" pipelines have been shut-in. The 24" TNP will be reopened when it is safe to do so, while the 28" TNP will remain shut-in until the fire has been extinguished and investigation and damage assessment completed. Some 150,000 barrels of oil per day is deferred from the closure of TNP.

<http://www.shell.com/global/aboutshell/media/news-and-media-releases/2013/spdc-shuts-tnp-due-to-fire-at-crude-theft-point.html>

## Update: Yemen's 125,000 b/d Maarib Crude Oil Pipeline Restarted June 20 Following Blast Last Week

Yemen's main crude oil pipeline has been repaired and is again exporting oil to the terminal on the Red Sea after armed tribesmen blew up a section of the pipeline June 14, halting the flow of oil.

Reuters 12:26 June 20, 2013

## Energy Prices

U.S. Oil and Gas Prices			
June 21, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	93.28	97.49	79.15
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.90	3.73	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](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

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. ET. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/ead.aspx>

Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)