



ENERGY ASSURANCE DAILY

Monday Evening, June 30, 2014

Electricity

Strong Storms Knock Out Power to Over 55,000 Alliant Energy Customers in Iowa June 30

Strong storms moved across Iowa this afternoon downing power lines and leaving 55,319 customers without power as of 4:45 p.m. EDT. The outages were increasing as the storm was ongoing.

<http://www.alliantenergy.com/CustomerService/StormandOutageCenter/OutageSummary/index.htm>

http://wcfcourier.com/news/local/new-details-storm-damage-reported-across-northeast-iowa/article_ff79956a-8646-5697-888a-6089ea0578a5.html

Power Officials Say California Prepared for Summer Months

State and local power officials, gathered at the California Independent System Operator's (CAISO's) control center on Friday, said California was prepared for the hot summer months ahead with a reserve power margin of 24 percent. However, extreme weather and fire conditions could decrease that margin to 13 percent. Officials from CAISO, Southern California Edison, California Energy Commission, and the California Public Utilities Commission had gathered to provide an update on the state's summer power supply. California has 3,900 additional MW of power generation available for the summer and 53,950 MW available during peak hours.

<http://www.sbsun.com/business/20140627/power-officials-say-california-is-prepared-for-the-summer-months>

Update: Colorado Springs Utilities Reports Unit 6 at Its 257 MW Drake Power Plant Back in Service June 25 after May 5 Fire

Colorado Spring Utilities on June 25 reported unit 6 at the Martin Drake Power Plant, in downtown Colorado Springs, was back online after a May 5 structure fire. Drake has three power generating units (5, 6, and 7) but most of the fire damage occurred in the area surrounding unit 5. With unit 6 online (about 30 percent of the plant's capacity), work to repair unit 7 by the fall is now the focus, according to the company. With these two units running, 80 percent of Drake's energy production will be online. The area around unit 5 has been sectioned off for cleaning and repairs. The company said it does not expect unit 5 to come online until next year.

<https://www.csu.org/Pages/drakefire.aspx>

Update: Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Reduced to 73 Percent by June 30

On the morning of June 29 the unit was operating at 96 percent, up from 73 percent on June 27.

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

Constellation's 835 MW Calvert Cliffs Nuclear Unit 2 in Maryland Reduced to 88 Percent by June 28

On the morning of June 27 the unit was operating at full power.

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

Calpine's 561 MW Los Medanos Gas-fired Unit in California Returns to Service by June 29

The unit returned from an unplanned curtailment of 297 MW that began by June 28.

<http://content.aiso.com/unitstatus/data/unitstatus201406291515.html>

AES's 336 MW Alamos Gas-fired Unit 4 in California Shut by June 29

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201406291515.html>

AES's 175 MW Redondo Gas-fired Unit 6 in California Shut by June 29

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201406291515.html>

Inland Empire Energy Center, L.L.C.'s 366 MW Inland Empire Gas-fired Unit 2 in California Returns to Service by June 28

The unit returned from an unplanned outage that began by June 27.

<http://content.caiso.com/unitstatus/data/unitstatus201406281515.html>

Dynegy, LLC's 510 MW Moss Landing Gas-fired Unit in California Returns to Service by June 28

The unit returned from an unplanned curtailment of 260 MW that began by June 27.

<http://content.caiso.com/unitstatus/data/unitstatus201406281515.html>

San Diego Gas & Electric's 575 MW Palomar Energy Center Gas-fired Unit in California Reduced by June 29

The unit entered an unplanned curtailment of 300 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201406291515.html>

Petroleum

Marathon Pipeline Says Several Pipelines Returned to Service after 500 Barrel Crude Oil Spill in Illinois June 29

Marathon Pipeline Company said several of its pipelines were returned to service after an estimated 500 barrels of crude oil spilled on Sunday morning at Patoka Tank Farm in Vernon, Illinois. Marathon requested highway U.S. 51 be shut down as a precaution. An official of the Environmental Protection Agency was on scene monitoring the clean-up, according to a Marathon spokesperson.

<http://www.thexradio.com/news/78-local-news/11925-us-51-remains-closed-from-patoka-to-vernon>

Reuters, 10:31 June 30, 2014

Total Reports Normal Operations after Excess Emissions at Its 225,500 b/d Port Arthur, Texas Refinery June 27

Total reported its Port Arthur refinery in Texas was brought to normal operating conditions following excess emissions due to 'abnormal conditions' during heavy rain on Friday. The incident led to emissions from sulfur recovery units 4 and 5, a filing with the Texas Commission on Environmental Quality said.

Reuters, 19:05 June 27, 2014

Natural Gas

Fire Extinguished at Statoil's Eisenbarth Well Pad in Ohio June 28

A fire reported on June 28 at Statoil's onshore Eisenbarth well pad in Monroe County, Ohio was extinguished but follow-up work was continuing. The fire involved equipment at the location but was limited to surface equipment. None of the wells were on fire and all wells were secure and shut-in, according to a Statoil well inspection team on site. All personnel working on the site were evacuated and as a precautionary measure, residents living nearby were evacuated temporarily.

http://www.statoil.com/en/NewsAndMedia/News/2014/Pages/28Jun_Eisenbarth.aspx

Enbridge Reports AGIs Shut at Its Tilden Gas Plant in Texas June 28

Enbridge reported acid gas injectors (AGIs) shut due to a power blip which caused the 400gpm plant to lose half of its associated pumps. Operations curtailed WK inlet gas, reduced BF gas flow to the 400gpm plant, and restarted all pumps on the 400gpm plant. Once everything was running, BF gas was returned to normal flow and WK inlet gas restarted. As acid gas came available, the AGIs restarted and stabilized.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=200368>

Regency Reports AGI Compressor Shut at Its 290 MMcf/d Waha Gas Plant in Texas June 28

Regency reported the AGI compressor shut for an unknown reason. No alarms were indicated on the panel or AGI MCC computer. The AGI compressor was reset and restarted after discovery of the shutdown. The AGI alarm and control systems were being checked and the AGI will be closely monitored.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=200358>

DCP Midstream Reports High Field Pressure at Its 160 MMcf/d Goldsmith Gas Plant in Texas June 27

DCP Midstream reported high field pressure at its Goldsmith plant. The field operator was called to shut gas out.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=200341>

Enbridge Reports VRU Compressor Shut Due to Lightning Strike at Its Pittsburg Gas Plant in Texas June 27

Enbridge reported its Pittsburg gas plant was affected due to a lightning strike. During this time, the vapor recovery unit (VRU) compressor was down and emissions normally captured by the VRU system were directed to the HP-flare resulting in an emission event. The SRU operation was also affected and had to be brought back into compliance.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=200350>

Cheniere and Woodside Sign 20-Year, 0.85 mtpa LNG Sale and Purchase Agreement

Cheniere Energy, Inc. announced today that its subsidiary, Corpus Christi Liquefaction, LLC, entered into a liquefied natural gas (LNG) sale and purchase agreement (SPA) with Woodside Energy Trading Singapore Pte Ltd. Woodside has agreed to purchase approximately 0.85 million tonnes per annum (mtpa) of LNG upon the commencement of operations of Train 2 of the LNG export facility being developed near Corpus Christi, Texas. The Corpus Christi Liquefaction Project is being designed and permitted for up to three trains, with aggregate design production capacity of 13.5 mtpa of LNG. Under the SPA, Woodside will purchase LNG on a free on board basis for a purchase price indexed to the monthly Henry Hub price plus a fixed component. LNG will be loaded onto Woodside's vessels. The SPA is a 20-year term commencing upon the date of first commercial delivery of the second train of the Corpus Christi Liquefaction Project, with an extension option of up to ten years. Deliveries from Train 2 are expected to occur in 2019.

<http://phx.corporate-ir.net/phoenix.zhtml?c=101667&p=irol-newsArticle&ID=1943594&highlight>

Other News

Nothing to report.

International News

Foreign Oil Workers Return to Work at Algeria's In Amenas Gas Plant

Foreign oil workers returned to work at Algeria's In Amenas gas plant after the January 2013 Islamist militant attack there that killed 40 people, a source at Algerian state energy company Sonatrach said on Saturday. Norway's Statoil and BP, which operate the facility with Sonatrach, had demanded improved security before returning workers. In Amenas produced about 11.5 percent of Algeria's natural gas output before the attack and the North African state has been steadily bringing the plant back to full resumption, which frees up more of the fuel for export to Europe. Reuters, 9:45 June 28, 2014

Energy Prices

U.S. Oil and Gas Prices June 30, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	105.91	106.06	97.10
NATURAL GAS Henry Hub \$/Million Btu	4.38	4.51	3.73

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

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