



ENERGY ASSURANCE DAILY

Tuesday Evening, June 10, 2014

Electricity

65,000 Hawaiian Electric Co. Customers Disconnected in Oahu after 203 MW AES Hawaii Coal-fired Power Plant Trips Offline June 9

Hawaiian Electric Co. (HECO) reported 65,000 customers lost power Monday morning when AES Hawaii's 203 MW generating station at Campbell Industrial Park tripped offline, triggering instability in the system. Power was disconnected to several neighborhoods in order to re-stabilize the grid and prevent a potentially bigger, island-wide outage, HECO said. Additional generators were brought online to help restore power. All outages were restored at 12:40 p.m. local time.

<http://khon2.com/2014/06/09/offline-generating-station-triggered-power-outages-across-oahu/>

Strong Thunderstorms Knock Out Power to at Least 33,500 Entergy Customers in Louisiana and Mississippi June 9–10

Entergy Mississippi reported 21,400 customers lost power overnight after strong thunderstorms with high wind gusts moved across Louisiana and Mississippi. Entergy Louisiana reported 12,148 customers without power as of 10 a.m. EDT today. Entergy Mississippi said all but those in the hardest hit areas should have power restored by 6:00 p.m. today and those in the hardest hit areas should be restored tomorrow. As of 3:30 p.m. EDT today, 3,355 Entergy Mississippi customers and 2,694 Entergy Louisiana customers remained without power

<https://twitter.com/EntergyMS>

<https://www.facebook.com/EntergyMS>

Update: PPL's 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania Reduced to 71 Percent by June 10

On the morning of June 9 the unit was operating at 82 percent. The unit restarted by June 5. On May 28 the unit completed refueling and maintenance work but remained shut for turbine work.

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

AES's 496 MW Redondo Gas-fired Unit 8 in California Shut by June 9

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201406091515.html>

Update: AES's 226 MW Huntington Beach Gas-fired Unit 1 in California Returns to Service by June 9

The unit returned from an unplanned outage that began by June 8.

<http://content.caiso.com/unitstatus/data/unitstatus201406091515.html>

Cabrillo Power I, LLC's 104 MW Encina Gas-fired Unit 2 in California Shut by June 9

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201406091515.html>

Nearly 700 Barrels of Crude Oil Spill from Bridger Pipeline's 105,000 b/d Four Bears Pipeline in North Dakota June 6

Authorities are investigating after the North Dakota Department of Health announced that about 690 barrels of crude oil spilled June 6 from a Bridger Pipeline-owned underground pipeline at an oil gathering site near New Town, North Dakota. About 640 barrels were recovered by June 7. Bridger Pipeline's 12-inch, 105,000 b/d Four Bears crude oil pipeline in northwestern North Dakota originates approximately 13 miles west of New Town.

http://billingsgazette.com/news/state-and-regional/montana/nearly-barrels-of-crude-spill-at-new-town-oil-well/article_c5df981f-a511-5639-8947-adf58ce0ff99.html

<http://truecompanies.truecos.com/bridger/>

<http://ndpipelines.files.wordpress.com/2012/04/gov-pipeline-summit-slides-industry-6-14-2012.pdf>

Oil Recovered after 300 Barrel Crude Oil Spill from Belle Fourche Pipeline in North Dakota June 8

North Dakota officials reported 300 barrels of crude oil spilled when a trenching operation damaged a Belle Fourche Pipeline in McKenzie County. The oil was recovered and berms were put in place to contain it in the event of rain.

<http://www.greenfieldreporter.com/view/story/8e93455669944b3ebfced72fe0021250/ND--Oil-Spill>

Alkylation Unit Develops Leak During Restart at Valero's 125,000 b/d Meraux, Louisiana Refinery June 8

Valero Energy Corp.'s Meraux, Louisiana, refinery was restarting an alkylation unit and the unit developed a leak on Sunday, according to the Louisiana Department of Environmental Quality (DEQ). The leak triggered the release of chemicals through the flare system that may have exceeded the amounts allowed by the refinery's operating permit, according to a Louisiana DEQ spokeswoman.

Reuters, 16:38 June 9, 2014

Tesoro Fixes Minor Leak at Its 166,000 b/d Martinez, California Refinery June 9

Tesoro Corp. said it performed brief unplanned maintenance at its Golden Eagle refinery in Martinez, California, after it experienced a minor leak. The email from the company on Monday did not specify the unit involved, but clarified that it was not a process unit. Tesoro reported a small flange leak at the refinery on Sunday, according to a filing with Contra Costa Health Services.

Reuters, 15:50 June 9, 2014

FAA Approves BP Drone Surveys for Alaska North Slope Oilfields

BP has been authorized to use unmanned aircraft systems, or drones, to conduct aerial surveys of pipelines and other infrastructure on Alaska's North Slope, the first commercial drone flights over land, the Federal Aviation Administration (FAA) said on Tuesday. AeroVironment started flying its Puma AE drone to survey BP's pipelines, roads and equipment at Prudhoe Bay, the largest U.S. oilfield, on Sunday, the FAA said. BP hopes to use the information generated by the aircraft to target maintenance needed on specific roads and infrastructure, and by doing so save time and support safety and operational reliability goals, the FAA said.

Reuters, 10:29 June 10, 2014

Natural Gas

Calumet Announces Investment in Juniper GTL's 1,100 b/d Gas-to-Liquids Plant in Lake Charles, Louisiana

Calumet Specialty Products Partners, L.P. on Monday announced its investment as a joint venture partner in the construction of a commercial gas-to-liquids plant that is expected to produce 1,100 b/d of refined products, including waxes, drilling fluids, distillate, and naphtha, from natural gas. The Lake Charles, Louisiana, plant is expected to be operational by late 2015 and will be owned and operated by Juniper GTL LLC.

<http://calumetspecialty.investorroom.com/2014-06-09-Calumet-Specialty-Products-Partners-L-P-Announces-Investment-In-Gas-To-Liquids-Joint-Venture>

EPA Asks for 30-Day Extension to Review Dominion's Cove Point LNG Liquefaction Project in Maryland

The Environmental Protection Agency (EPA) on Monday asked for a 30-day extension to conduct a review of Dominion Resources Inc.'s Cove Point liquefaction project in Maryland. The additional time "will allow the agency to compile comments from its regional associate internal reviewers and the required need for EPA headquarters' review," the EPA said in a letter to Federal Energy Regulatory Commission (FERC) dated June 3, and released on Monday. FERC gave Cove Point a green light last month and is expected to make a final decision on the project sometime this summer after a public comment period and input from agencies.

<http://finance.yahoo.com/news/u-epa-asks-more-time-184728901.html>

Enable Midstream Announces New Natural Gas Transportation Agreements and Processing Plant Upgrade in Oklahoma

Enable Midstream Partners, LP on Monday announced it signed several natural gas transportation services agreements and that it will upgrade its Cox City natural gas processing facility located in Grady County, Oklahoma. The partnership's Enable Gas Transmission, LLC subsidiary first announced that it has extended its natural gas transportation service agreements with St. Louis-based Laclede Gas Company. The extended contracts will provide up to 135 MMcf/d of firm transportation service for periods ranging from 2–5 years. The partnership's Enable Oklahoma Intrastate Transmission, LLC subsidiary followed with the announcement that it has signed a long-term contract to provide firm natural gas transportation service to Grand River Dam Authority's planned 495 MW combined cycle power plant in Mayes County, Oklahoma. The contract allows for delivery of up to 84,000 MMBtu per day of natural gas. The new, natural gas-fired power plant is expected to be in service in early 2017. The partnership also announced plans to upgrade its Cox City natural gas processing facility which can process approximately 180 MMcf/d of natural gas through four processing trains. The upgrade will add refrigeration and stabilization facilities to the plant's largest processing train, improving the efficiency of the recovery of natural gas liquids.

<http://finance.yahoo.com/news/enable-midstream-announces-natural-gas-202200848.html>

DCP Midstream Reports SRU Shut, Acid Gas Flared at Its 80 MMcf/d Goldsmith Gas Plant in Texas June 8

DCP Midstream reported the sulfur recovery unit (SRU) blower shut due to seized bearings which then caused the sulfur plant go down and in turn caused the acid flare to open. Repairs were made to the blower and the sulfur plant back in service, ending the flare event.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=199509>

Atlas Pipeline Reports Consolidator Plant Steam Boiler Shut at Its 195 MMcf/d Midkiff Gas Plant in Texas June 8

Atlas Pipeline reported the consolidator plant steam boiler went down on pilot signal error due to a faulted electronic control card causing the plant to shut. All electronic sensors were replaced and cards for the fuel supply system and the steam boiler was put back on as soon as possible. During this time all extra gas was routed to the driver plant and to C-1 to reduce emissions.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=199467>

West Texas Gas Reports Inlet Gas Flaring due to Power Loss at Its 12 MMcf/d Big Lake Gas Plant in Texas June 9

West Texas Gas reported flaring of inlet gas occurred due to a loss of third-party power which shut the plant down. Inlet gas was routed to the flare to maintain the integrity of the piping and equipment. Additionally, during the startup, residue gas was flared in order to bring the glycol pump system fully online. Further, visible emissions greater than five minutes were observed during this flaring event. Gas was routed to the flare until the power was restored to the site. Residue gas was flared until the glycol system was fully operational and the Del Mar was reset. The site's flare was maintained in constant operation during this event, flare pilots were monitored and no bypassing of the control device occurred.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=199511>

Other News

Nothing to report.

International News

State of Emergency Will Not Affect Oil Exports – Iraq’s Oil Minister

Iraq’s Oil Minister Abdul Kareem Luaibi said on Tuesday that any state of emergency would not have an impact on the country’s oil exports. Prime Minister Nuri al-Maliki asked parliament to declare a state of emergency after Sunni Islamist insurgents seized control of most of the country’s second largest city, Mosul.

Reuters, 8:18 June 10, 2014

Energy Prices

U.S. Oil and Gas Prices			
June 10, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	105.02	103.29	95.74
NATURAL GAS Henry Hub \$/Million Btu	4.66	4.52	3.79

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