



ENERGY ASSURANCE DAILY

Friday Evening, May 8, 2015

Electricity

Severe Storms, Tornadoes Knock Out Power to Over 10,000 Oncor Customers in Texas May 7

Intense weather systems moved across North Texas Thursday night, knocking out power to 10,650 Oncor customers. Winds up to 70 mph, tornadoes, and hail were reported. As of 3:30 p.m. EDT, 906 customers remained without power. Scattered to widespread thunderstorms are expected to develop Friday afternoon and evening across parts of the southern Plains. Some of the storms will become severe, capable of producing damaging wind, very large hail, and possibly tornadoes. The greatest threat is across parts of central and southwestern Oklahoma and extreme northern Texas, where a moderate risk area is in place. Numerous severe thunderstorm warnings, tornado watches, and flood advisories have been activated in these regions through Saturday morning.

<http://stormcenter.oncor.com/default.html>

<http://www.wfaa.com/story/weather/2015/05/07/north-texas-weather-tornadoes/70976904/>

<http://www.weather.gov/>

<http://alerts.weather.gov/cap/ok.php?x=1>

<http://alerts.weather.gov/cap/tx.php?x=1>

Hawaii Electric Light's 16 MW Keahole Waste Heat Unit Trips Offline, 12,000 Customers Lose Power

Hawaii Electric Light Co. reported 12,000 customers in various areas around the island of Hawaii experienced brief power interruptions on Sunday, Monday, and Wednesday evening when a unit at the company's Keahole power plant tripped offline. The customers were without power for about five minutes each time until backup generators were started.

<http://www.hawaiielectriclight.com/helco/hidden/Hidden/Hawaii-Electric-Light-reports-brief-power-interruptions>

<https://twitter.com/HIElectricLight>

https://www.hawaiianelectric.com/vcmcontent/CorporateCommunications/ConsumerLines/HELCO_Consumer_Lines_Sept09.pdf

FAA Approves Southern Company's Use of Unmanned Aerial Systems to Assess Weather-Related Damage, Routine Inspections

The Federal Aviation Administration (FAA) approved Southern Company to pilot and investigate the applicability of Unmanned Aerial Systems (UAS) for assessing weather-related damage to power lines and for routine inspections. UAS could help utilities reduce the duration of storm-related outages, perform power line inspections more safely, lower operating and maintenance costs, and reduce environmental impacts. The company will conduct initial UAS research operations at subsidiary Georgia Power's Klondike Training Facility in Lithonia, Georgia, and may deploy the technology across the Southern Company system following initial findings.

<http://www.southerncompany.com/news/iframe-pressroom.cshtml>

California ISO Foresees Adequate Electricity Supply to Meet Summer 2015 Peak Demand

California Independent System Operator Corp. (ISO) said in its 2015 Summer Loads and Resources Assessment, released Thursday, that electricity supplies will be sufficient to meet the 2015 summer peak even under the extreme scenario of hot temperatures that only occur once every decade or so. A boost to grid reliability will come from additional generation, mostly solar, that has interconnected to the system, stable imports and only moderate peak demand growth.

<http://www.caiso.com/Documents/CaliforniaISOFindsSummer2015SupplyAdequate.pdf>

Entergy's 979 MW Indian Point Nuclear Unit 3 in New York Reduced to 2 Percent on May 7

The unit reduced from full power due to the inability to isolate a steam leak on a feedwater instrument line.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150508en.html>

Exelon's 619 MW Oyster Creek Nuclear Unit in New Jersey Shut on May 7

The unit experienced an automatic reactor scram from full power due to a turbine trip.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150508en.html>

Southern's 830 MW Farley Nuclear Unit 1 in Alabama Shut on May 7

The unit shut from 21 percent due to a reactor coolant pump trip.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150508en.html>

FPL's 693 MW Turkey Point Nuclear Unit 4 in Florida Shut by May 8

On the morning of May 7 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Solar Star, LLC's 270 MW Solar Unit 2 in California Reduced by May 7

The unit entered an unplanned curtailment of 198 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201505071515.html>

Petroleum

Update: Striking Workers Approve New Contract at LyondellBasell's 263,776 b/d Houston, Texas Refinery – USW

Hourly workers striking against LyondellBasell's Houston, Texas refinery voted on Thursday to ratify a new four-year contract, clearing a key hurdle on the way to ending a three-month-long strike that began February 1, according to a union official. No date has been set for the more than 400 members of United Steelworkers' Local 13-227 to return to work as an agreement for re-entering the refinery has not been made with Lyondell.

Reuters, 19:26 May 7, 2015

Update: Oil on Derailed BNSF Train in North Dakota Less Flammable than State Limit

North Dakota's newly-enacted vapor-pressure law was in question after crude oil involved in the fiery BNSF unit train derailment was found to be less flammable than required. The oil, transported in tank cars owned by Hess Corp, had a vapor pressure of 10.83 psi, less than the State's new threshold of 13.7 psi. Samples of the crude oil involved in this latest derailment were taken on May 5 at the Tioga rail complex owned by Hess. They were tested on May 6, the day of the accident, by Intertek, a diagnostics firm, according to the document, which was supplied to the Federal Railroad Administration. Test results sent to federal investigators show the state's new rule may not be stringent enough to significantly reduce the risks of fireballs after derailments of trains carrying crude. In this crash, the crude oil on board contained about 20 percent fewer volatile gases than regulations mandate. No one was injured on Wednesday morning when six of the 109 cars derailed, four of which burned. Forty residents were evacuated from the nearby town of Heimdal and allowed to return home by late evening.

Reuters, 17:49 May 7, 2015

Phillips 66's 247,000 b/d Alliance, Louisiana Refinery Shut after Power Outage May 8

Phillips 66's Alliance refinery in Belle Chasse, Louisiana, had another unscheduled shutdown overnight due to a power outage, but the event only lasted for approximately 20 minutes, the company said on Friday. There were no injuries reported and data indicated no impact offsite, the company said. On Friday morning, there were no power outages in the area reported by power provider Entergy Corp. The plant has now experienced two unplanned shutdowns due to power outages since April 27.

Reuters, 12:43 May 8, 2015

Officials Investigate 63,000 Gallon Brine Spill from Oasis' North Cottonwood Pipeline in North Dakota May 4

North Dakota Department of Health officials were investigating the amount saltwater that entered Smishek Lake near the town of Powers Lake, North Dakota, after 63,000 gallons of saltwater leaked from the Oasis Petroleum-owned North Cottonwood pipeline on May 4. Crews have recovered about 4,000 barrels, approximately 168,000 gallons, of saltwater and freshwater from the area. Officials reported that preliminary tests did not indicate any adverse effects to the lake or drinking water in the area.

<http://www.seattlepi.com/news/us/article/Official-Significant-63K-gallonbrine-spill-6246119.php>

Tesoro Performing Unplanned Maintenance on FCCU at Its 62,000 b/d Salt Lake City, Utah Refinery May 8 – CEO

Reuters, 8:49 May 8, 2015

Pembina Reaffirms Plans to Progress Its Proposed Portland Propane Terminal in Oregon

Pembina Pipeline Corporation reaffirmed plans to proceed in the development of its proposed Portland Propane Export Terminal Project despite Mayor Hales of Portland withdrawing his support for the project. The mayor holds one of the five votes that would be represented at the City Council hearing, which is currently scheduled for June 10. The facility would receive rail shipments of propane from Pembina's Redwater fractionation and storage facility north of Edmonton, Alberta. The propane would be unloaded, chilled and stored for up to 15 days in above-ground, refrigerated holding tanks, before being loaded to a propane ship for export to global markets. Pembina expects there could be two-to-three vessel shipments of propane per month. The potential propane terminal is being designed for a minimum of 25 years of service, with the expectation that it will run beyond that time period. The proposed in-service date, subject to regulatory and environmental permit approvals, is scheduled for the first quarter of 2018.

<http://www.pembina.com/media-centre/news-releases/news-details/?nid=135280>

<http://www.pembina.com/about-us/projects/>

Natural Gas

Regency Reports AGI Shut at Its 290 MMcf/d Waha Gas Plant in Texas May 7

Regency reported the acid gas injector (AGI) shut on high coalescer level due a plugged valve. The valve was cleaned out, the coalescer was drained, and the AGI compressor was reset and restarted.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=213695>

DOE Authorizes Dominion Cove Point LNG Export Terminal in Maryland

The Department of Energy (DOE) on Thursday announced it issued a final authorization for Dominion Cove Point LNG, LP to export domestically produced liquefied natural gas (LNG) to countries that do not have a Free Trade Agreement (FTA) with the U.S. The Cove Point LNG Terminal in Calvert County, Maryland is authorized to export LNG up to the equivalent of 0.77 Bcf/d of natural gas for a period of 20 years. This increase in domestic natural gas production is expected to continue, with the Energy Information Administration forecasting a record average production rate of 72.4 Bcf/d in 2015.

<http://energy.gov/articles/energy-department-authorizes-dominion-cove-point-lng-export-liquefied-natural-gas>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
May 8, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	59.36	58.87	100.53
NATURAL GAS Henry Hub \$/Million Btu	2.78	2.56	4.83

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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