



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday Evening, April 28, 2015

Electricity

Update: Over 67,000 Customers Remain without Power in Louisiana, Texas April 28 after Strong Storms Hit April 27

Entergy crews continued restoring power Tuesday after strong storms brought wind gusts, tornadoes, large hail, and frequent lightning strikes across Texas and Louisiana Monday morning. As of 3:30 p.m. EDT, 61,552 Entergy Louisiana and 5,955 Entergy Texas customers remained without power, down from a peak of 176,000 Entergy Louisiana and 40,000 Entergy Texas customers. Entergy Louisiana said it expects to restore power to most customers later this evening. The company reported impacts to 19 substations and 82 transmission line segments, and estimated 300 damaged utility poles needed replacement. Entergy Texas said the estimated restoration time for some of the most heavily damaged areas is Wednesday by noon.

<http://www.etrviewoutage.com/external/la.aspx>

<http://www.energynewsroom.com/blog/april-storms-restoration-update/>

<http://entergystormcenter.com/index.aspx?Region=TX>

<http://www.etrviewoutage.com/external/tx.aspx>

Kauai Island Utility Cooperative Reports Rolling Blackouts Due to an Unplanned Generator Outage in Hawaii April 27

The Kauai Island Utility Cooperative reported rolling blackouts for approximately 30 minutes to 12,000 customers on the island of Kauai because of a generator outage on Monday. The company said its second largest generator went offline due to a mechanical issue while their main generator was already offline due to scheduled maintenance. The company reported all loads were restored on Tuesday morning by 3 a.m. EDT.

<https://twitter.com/KIUC>

<http://www.hawaiinewsnow.com/story/28914335/rolling-blackouts-on-kauai-leave-thousands-without-power>

Update: PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey at Full Power by April 28

On the morning of April 27 the unit was operating at 55 percent, reduced from full power on April 24.

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

Solar Star, LLC's 310 MW Solar Unit 1 in California Shut by April 27

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201504271515.html>

Petroleum

Fire Erupts along Hydrogen Pipeline at MarkWest's Meter Station in Citgo's 163,000 b/d Corpus Christi, Texas refinery April 28

A fire broke out at a meter station run by MarkWest Energy Partners' at Citgo's 163,000 b/d Corpus Christi, Texas refinery, according to an alert issued by the Corpus Christi/Nueces County Local Emergency Planning Committee. As of 3:30 PM EDT local media reported fire crews were on site depressurizing the affected line, that most of the fire had been extinguished, and the hydrogen leak was close to being contained. MarkWest runs the Javelina gas processing and fractionation facility in Corpus Christi, Texas, which processes exhaust gases from six local crude oil refineries for industrial use.

Reuters, 16:02 April 28, 2015

<http://www.kristv.com/story/28921297/hydrogen-pipeline-fire-on-i-37-access-road>

PBF Reports CO Boiler Leak, Emissions at Its 182,200 b/d Delaware City, Delaware Refinery April 28

Reuters, 9:36 April 28, 2015

Phillips 66 Restarting Its 247,000 b/d Alliance, Louisiana Refinery after Brief Power Loss April 28

Phillips 66 said it was in the process of restarting its Alliance, Louisiana, refinery on Tuesday following a brief loss of power during strong thunderstorms on Monday.

Reuters, 11:07 April 28, 2015

Phillips 66 Restarts SRU Incinerator at Its 146,000 b/d Borger, Texas Refinery April 27

Phillips 66 restarted the sulfur recovery unit (SRU) incinerator after it tripped on low burner pressure at its Borger, Texas, refinery, according to a filing with the Texas Commission on Environmental Quality.

Reuters, 14:59 April 27, 2015

ExxonMobil Reports Flaring at Its 149,500 b/d Torrance, California Refinery April 28

Reuters, 10:57 April 28, 2015

Enbridge, TransCanada, Kinder Morgan Working to Evaluate Aerial-Based Pipeline Leak Detection Technologies

Enbridge Pipelines Inc., TransCanada Corporation, and Kinder Morgan Canada signed a Joint Industry Partnership (JIP) agreement to conduct research into aerial-based leak detection technologies, in the interest of enhancing across-the-board pipeline safety. The goal of the project is to identify technologies capable of viably detecting small leaks from liquid petroleum pipeline systems to improve pipeline safety. The project is expected to involve laboratory research and field trials to evaluate the feasibility of commercially viable technologies for use with crude oil and hydrocarbon liquids pipelines. The partnership includes funding commitments from all three companies. Project research and trials are expected to begin during the third quarter of 2015.

<http://www.enbridge.com/Viewer?id=1C80ADC9F03F44109F6433E6A6CD1248>

Pembina Places 50,000 b/d Peace Pipeline Expansion into Service in Alberta April 24

Pembina Pipeline Corporation on Monday announced that it placed its Phase II low vapor pressure (LVP), crude oil and condensate pipeline expansion (Phase II LVP Expansion) into service. The Phase II LVP Expansion, which is underpinned by long-term contracts with Pembina's customers, adds an incremental 55,000 b/d on the company's Peace Pipeline System, bringing total line capacity to over 250,000 b/d.

<http://www.pembina.com/media-centre/news-releases/news-details/?nid=135277>

Natural Gas

Update: Force Majeure Remains in Effect for Rockies Express Pipeline's Wamsutter Echo Springs Compressor Station in Wyoming Due to Damaged Crankshaft April 27

Rockies Express Pipeline's (REX) force majeure, declared Sunday April 19, remains in effect due to a damaged crankshaft on unit no. 2 at its Wamsutter Echo Springs Compressor Station in Wyoming. Repairs have commenced and the unit is expected to return to service by Friday, May 22, 2015. REX will continue to schedule down nominated quantities at the Wamsutter Echo Springs receipt point to 75,000 Dth/d until further notice.

<http://pipeline.tallgrassenergy.com/Pages/NoticeDetail.aspx?pipeline=501&type=CRIT>

<http://pipeline.tallgrassenergy.com/Content/General/Tallgrass%20System%20Map.pdf>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices April 28, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	57.00	55.53	100.43
NATURAL GAS Henry Hub \$/Million Btu	2.48	2.55	4.70

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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