



ENERGY ASSURANCE DAILY

Friday Evening, July 25, 2014

Electricity

Power Restored after Fire at Southern California Edison Substation Leaves Over 26,000 Customers without Power July 24

A fire Thursday afternoon at a Southern California Edison substation left several thousand customers without power in Irvine, California. The number of customers left without power fluctuated throughout the afternoon and evening, from about 8,000 shortly after the fire up to 26,592 shortly after 7 p.m. PDT. Power was restored to all customers by early Friday morning, officials said. Mineral oil was burning in one of the transformers at the substation and threatening to spread to nearby equipment, according to the fire department. Crews arrived to find heavy flames and a thick, black plume of smoke that could be seen for miles. The cause of the fire was under investigation.

<http://www.ocregister.com/articles/power-629775-fire-substation.html>

<https://twitter.com/SCE>

Update: Over 5,200 SWEPCO Customers Remain without Power in West South Central U.S July 25 after July 23 Storms

A strong line of thunderstorms with winds of 50 to 60 mph swept through Arkansas, Oklahoma, Texas, and Louisiana Wednesday, knocking out power to 68,000 Southwestern Electric Power Co (SWEPCO) customers. As of 3:30 p.m. EDT today, 5,271 SWEPCO customers remained without power. SWEPCO said the majority of customers should have power restored by noon Saturday.

<https://www.swepco.com/outages/details.aspx?stormName=SWEPCO+Storm+July+23%2c+2014>

Update: Over 14,000 Customers Remain without Power in Washington July 25 after July 23 Storms

Severe thunderstorms moved across Washington on Wednesday, uprooting trees and knocking out power to more than 39,000 Avista customers and 20,700 Inland Power and Light customers. As of 3:30 p.m. EDT today, 6,809 Avista Utilities and 7,263 Inland Power and Light customers remained without power. Avista said estimated restoration times were still under assessment and Inland Power and Light said it expected most service to be restored today with small outages continuing into the weekend.

https://www.avistautilities.com/safety/outages/_layouts/avista/transactions/ViewOutages.aspx

Okanogan County PUD to Restore Power to Customers in Twisp and Methow Valley, Washington Affected by Carlton Wildfire

The Okanogan Public Utility District (PUD) planned to energize the Twisp Substation and Highway 20 (Loup Loup) transmission line Friday afternoon, restoring power to customer in Twisp, Washington, and to customers of Okanogan County Electric Cooperative in Methow Valley, Washington. Approximately 7,000 Okanogan PUD and OCEC customers have been without power for several days due to damage to Okanogan PUD's transmission infrastructure caused by the Carlton Complex Fire, which has been burning in Washington State. On Thursday, the fire was 55 percent contained, up from 2 percent on Monday.

http://seattletimes.com/html/localnews/2024156114_firefridayxml.html

<https://www.okanoganpud.org/>

<http://www.okanoganelectriccoop.com/>

Constellation's 825 MW Calvert Cliffs Nuclear Unit 1 in Maryland Reduced to 12 Percent by July 25

Calvert Cliffs nuclear power plant powered down one of its two generating units Thursday night after a leak was discovered in the coolant system keeping the pressurized water reactor from overheating, the Nuclear Regulatory Commission said Friday. On the Thursday morning of the unit was operating at full power.

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

http://www.baltimoresun.com/features/green/blog/bs-md-calvert-cliffs-shutdown-20140725_0,3275694.story

Duke Energy's 1,129 MW Catawba Nuclear Unit 2 in South Carolina Reduced to 46 Percent by July 25

On the morning of July 24 the unit was operating at full power.

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

Update: AES's 495 MW Alamitos Gas-fired Unit 6 in California Returns to Service by July 24

The unit returned from an unplanned outage that began by July 23.

<http://content.caiso.com/unitstatus/data/unitstatus201407241515.html>

Petroleum

Michigan Officials tell Enbridge to Install More Support Anchors on Lakehead Pipeline System Crude Oil Line 5 Beneath Straits of Mackinac

Two oil pipelines at the bottom the waterway linking Lakes Huron and Michigan will get additional support structures to help prevent potentially devastating spills, officials said Thursday. Enbridge Energy Partners LP was put on notice following the company's acknowledgement it was partly out of compliance with an agreement dating to 1953, when the pipelines were laid in the Straits of Mackinac. Enbridge spokeswoman Terri Larson said the company had agreed that support anchors would be placed at least every 75 feet. The work will begin in early August and be completed within 90 days, she said. The two pipelines are part of the 1,900-mile Lakehead network, which originates in North Dakota near the Canadian border. A segment known as Line 5 runs through northern Wisconsin and Michigan's Upper Peninsula before ducking beneath the Straits of Mackinac, then continuing to Sarnia, Ontario. The line divides into two 20-inch pipes beneath the straits at depths reaching 270 feet and carries nearly 23 million gallons of crude oil daily.

<http://finance.yahoo.com/news/officials-require-more-supports-beneath-213220731.html>

MDU and Calumet's 20,000 b/d Dakota Prairie Refinery in North Dakota about Three-Fourths Complete

MDU Resources Group Inc. and Calumet Specialty Products Partners said the construction of the Dakota Prairie oil refinery near Dickinson, North Dakota was about three-fourths complete and is slated to be operating late this year. The refinery will process crude from the rich Bakken and Three Forks formations in western North Dakota, helping meet an unprecedented need for diesel fuel in the booming oil patch.

<http://www.seattlepi.com/news/article/North-Dakota-oil-refinery-about-3-4-constructed-5646374.php>

ExxonMobil Weighs Expansion of Its 344,600 b/d Beaumont, Texas Refinery - Sources

ExxonMobil Corp is weighing a possible multibillion-dollar expansion of its Beaumont, Texas, refinery that could make it the nation's largest by 2020, according to sources familiar with the company's deliberations. The deliberations are focused on the possible addition of a third crude distillation unit, the sources said, and its size would determine how much capacity would increase. Exxon has also made plans to replace four coking unit drums in 2015 and add two new coker drums in 2017 at the Beaumont refinery, the sources said.

<http://world.einnews.com/article/215514407/eF9wsMBBzHNhk7mK>

Natural Gas

Oneok to Build 200 MMcf/d Knox Natural Gas Processing Plant in Oklahoma

Oneok Partners LP plans to invest up to \$470 million to construct a 200 MMcf/d natural gas processing plant and related infrastructure across two Oklahoma counties. Oneok's new Knox plant will gather and process natural gas from the South Central Oklahoma Oil Province, according to the company. The company expects to complete construction of the plant and its related infrastructure, including expansions and upgrades to existing natural gas-gathering systems and compression, to be complete sometime during the fourth quarter in 2016.

<http://www.lpgasmagazine.com/oneok-to-build-natural-gas-processing-plant-in-oklahoma/>
http://ir.oneok.com/phoenix.zhtml?c=120070&p=irol-newsArticle_Print&ID=1951168&highlight

West Texas Gas Reports Inlet Gas Flaring due to Power Loss at Its 12 MMcf/d Big Lake Gas Plant in Texas July 24

West Texas Gas reported its Big Lake gas plant flared inlet gas when the site was shut down by work conducted from the third-party power supplier. The power company did not alert Big Lake Gas Plant until right before shutting off power so they could make some substation tie-ins. Due to this last minute power loss, the site was unable to prepare and shutout field gas thereby having to flare inlet gas until power was restored to the site. The plant worked to shutout some field gas in order to reduce emissions, but with no advanced notice from the third party power supplier, inlet gas was flared until power was restored. 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/oce/eer/index.cfm?fuseaction=main.getDetails&target=201413>

Other News

Nothing to report.

International News

Tanker Carrying Iraqi Kurdish Oil Nears Galveston, Texas Port Despite Concern in Washington

The United Kalavrvta tanker carrying crude oil from Iraqi Kurdistan is due to dock in Galveston, Texas on Saturday, according to ship tracking satellites, despite Washington's long-standing concern over independent oil sales from the autonomous region. Baghdad sees sale of the crude to a U.S. refinery as smuggling and would raise questions about Washington's commitment to preventing oil sales from the autonomous region. Washington has expressed fears that independent oil sales from Kurdistan could contribute to the break-up of Iraq as the government in Baghdad struggles to contain Sunni Islamist insurgents that have captured vast swathes of the country.

<http://www.reuters.com/article/2014/07/25/iraq-violence-kurdishoil-idUSL6N0PZ71420140725>

Energy Prices

U.S. Oil and Gas Prices			
July 25, 2014			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	102.06	102.87	105.45
NATURAL GAS Henry Hub \$/Million Btu	3.80	4.03	3.70

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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