



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

ENERGY ASSURANCE DAILY

Thursday Evening, April 25, 2013

Electricity

Substation Copper Theft and Vandalism Cuts Power to 22,000 SCE Customers in California April 24

Copper theft and vandalism at the Newcomb Substation Wednesday afternoon cut power to 22,000 Southern California Edison (SCE) customers, utility officials said. The outage was reported at about 3:15 p.m. local time, and power was restored by about 5:00 p.m., according to a SCE spokesman.

<http://www.pe.com/local-news/riverside-county/menifee/menifee-headlines/20130424-outage-22k-without-power-in-perris-menifee-canyon-lake.ece>

FPL Completes Electrical Grid Modernization Projects, Installs 4.5 Million Smart Meters in Florida

Florida Power & Light Company (FPL) on Wednesday announced it has completed grid modernization projects and the installation of 4.5 million smart meters in its service area. In 2009, FPL received a \$200 million grant from the U.S. Department of Energy to help fund the grid modernization projects. FPL invested an additional \$600 million over 4 years to install the smart grid technologies, which provide real-time information on the status and performance of the electric grid.

<http://www.fpl.com/news/2013/0424131.shtml>

FPL's 1,250 MW Cape Canaveral Natural Gas-Fired Power Plant Comes Online in Florida

Florida Power & Light Company (FPL) on Wednesday announced that its Cape Canaveral Next Generation Clean Energy Center has begun generating electricity from domestic natural gas. The facility was constructed on the site of a 1960s-era plant that the company took down in 2010. Construction was completed more than a month ahead of schedule.

http://www.fpl.com/news/2013/042413_1.shtml

Update: Dominion Seeks Approval to Build New 1,358 MW Brunswick Natural Gas-Fired Power Station in Virginia

Dominion Virginia Power on Wednesday asked the Virginia State Corporation Commission (SCC) to approve construction of a 1,358 MW combined cycle, natural gas-fired power station. If approved by the SCC, the power station would be built in Brunswick County for operation by the spring of 2016.

<http://finance.yahoo.com/news/dominion-virginia-power-seek-power-151033566.html>

Update: Entergy Says 858 MW Arkansas Nuclear Unit 2 to Restart in May; Too Early to Estimate When 836 MW Unit 1 Might Restart

Entergy Corp. expects to restart Arkansas Unit 2 in May, the company's chairman told investors on Thursday. Both reactors at the Arkansas Nuclear One station have been down since March 31, when a heavy load fell onto the Unit 1 turbine deck, causing a loss of offsite power to Unit 1 and an automatic shutdown of Unit 2. Workers were moving a massive generator stator out of the plant's turbine building during maintenance activity when a lifting rig collapsed, killing one person and injuring eight others. The chairman said it is too early to know when Unit 1 might be repaired and restarted.

Reuters, 12:00 April 25, 2013

Update: Exelon's 1,111 MW LaSalle Nuclear Unit 2 in Illinois Restarts, Ramps Up to 20 Percent by April 25

LaSalle 2 is returning from an outage that began April 17, when both units at the LaSalle nuclear station automatically shut down when power from the switchyard into the site was interrupted by an apparent lightning strike. LaSalle 1 remains shut.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Los Angeles City Council Asks for Independent Confirmation Before NRC Makes San Onofre Restart Decision

The Los Angeles City Council on Tuesday voted to adopt a resolution, subject to reconsideration, calling on the U.S. Nuclear Regulatory Commission (NRC) to make no decision about restarting either unit at Southern California Edison's (SCE) San Onofre Nuclear Generating Station until it independently confirms SCE has completed any resulting mandated repairs, replacements, or other actions necessary to guarantee both short- and long-term safe operation of San Onofre. SCE shut both units in January 2012 due to premature tube wear on both units' steam generators.

http://clkrep.lacity.org/online/docs/2013/13-0002_rpt_ee_03-06-13.pdf

<http://cityclerk.lacity.org/lacityclerkconnect/index.cfm?fa=ccfi.viewrecord&cfnumber=13-0002>

GenOn's 775 MW Ormond Beach Natural Gas-Fired Unit 2 in California Returns to Service by April 24

The unit returned from an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201304241515.html>

Calpine's 561 MW Los Medanos Natural Gas-Fired Unit in California Returns to Service by April 24

The unit returned from a curtailment of 297 MW that was due to planned and unplanned causes.

<http://content.caiso.com/unitstatus/data/unitstatus201304241515.html>

First Solar's 230 MW AV Solar Ranch 1 in California Reduced by April 24

The unit entered a curtailment of 129 MW due to planned and unplanned causes.

<http://content.caiso.com/unitstatus/data/unitstatus201304241515.html>

Petroleum

Explosions Engulf Two Gasoline Barges on the Mobile River in Alabama April 24–25

Fires sparked by explosions Wednesday night engulfed two gasoline barges owned by Kirby Inland Marine on the Mobile River, injuring three workers. According to the U.S. Coast Guard, vapors from unrefined gasoline had built up in the fuel barges, which were empty at the time of the explosion. A spark entered one of the barges, igniting the vapors and creating the first explosion. The force of the explosion caused the second boat to catch on fire. The barges were being cleaned at an Oil Recovery Co. facility at the time of the incident. Officials were forced to evacuate nearby shipyards and one cruise vessel. The U.S. Coast Guard on Thursday reported the fire had been extinguished.

<http://www.chicagotribune.com/news/sns-rt-us-usa-barge-explosionsbre93o037-20130424,0,315009.story>

<http://www.uscgnews.com/go/doc/4007/1758871/UPDATE-Coast-Guard-responds-to-barge-explosion-on-ship-channel-in-Mobile-Bay->

<http://www.csmonitor.com/USA/USA-Update/2013/0425/No-foul-play-suspected-in-Alabama-fuel-barge-explosions>

Chevron Testing and Commissioning CDU at Its 245,271 b/d Richmond, California Refinery April 25

Chevron Corp. reported flaring at its Richmond refinery Thursday, confirming a filing with the California Emergency Management Agency. A spokeswoman said operators were testing and commissioning the crude distillation unit (CDU), which has been shut since an August 2012 fire. Once this process is complete, the refinery will restart the crude unit in the near term, the spokeswoman said.

Reuters, 11:06 April 25, 2013

Reuters, 09:10 April 25, 2013

Alon Says Minor Fire in Reformer Under Control at Its 80,000 b/d Krotz Spring, Louisiana Refinery April 25

Alon Energy USA reported a fire that broke out in a reformer at its Krotz Spring refinery Thursday morning was brought under control by onsite emergency responders within 11 minutes. Operators were investigating the cause and working to determine what impact the incident might have on operations, if any, an Alon spokesman said. Reuters, 11:01 April 25, 2013

Power Blip Has No Material Impact on Production at Valero's 142,000 b/d Corpus Christi, Texas Refinery April 23

Valero Energy Corp. said a brief power blip on Tuesday had no material impact on production at its Corpus Christi refinery. The refinery had reported an exchanger leak at its East Plant Complex 8 Cooling Tower caused emissions Tuesday morning in a filing with the Texas Commission on Environmental Quality. Reuters, 10:59 April 24, 2013

PBF Energy Reports Compressor Repair Work at Its 190,000 b/d Delaware City, Delaware Refinery April 24

PBF Energy Inc. reported sulfur dioxide emissions due to repair work on a compressor at its Delaware City refinery, according to a filing the Delaware Department of Natural Resources and Environmental Control. Reuters, 14:16 April 24, 2013

Natural Gas

Atlas Pipeline Reports Emissions at 195 MMcf/d Midkiff Gas Plant in Texas Due to Third-Party Electrical Outage April 25

Atlas Pipeline reported it was expecting emissions at its Midkiff plant to continue throughout the day Thursday while its third-party power provider, Sharyland Electric, makes repairs to a substation that failed during a lightning storm and reconnects feed to Midkiff, according to a filing with the Texas Commission on Environmental Quality. <http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=181632>

Other News

Nothing to report.

International News

Flow Resumes on 350,000 b/d Kirkuk-Ceyhan Crude Oil Pipeline after Militant Attack April 25

The Kirkuk-Ceyhan pipeline, which carries crude oil from northern Iraq to a Turkish port on the Mediterranean Sea, resumed flows Thursday after a disruption earlier in the day caused by militants who blew up a section of the pipeline in the city of Shirqat, Iraq, a Turkish energy official said. Iraq's oil ministry later denied, however, that the pipeline had been damaged or that flows had been stopped, saying in a statement that militants had attacked a security force guarding the pipeline and set fire to their vehicles.

Reuters, 11:26 April 25, 2013

<http://gulfnews.com/in-focus/iraq-anniversary/attack-on-kirkuk-ceyhan-pipeline-halts-oil-flow-1.1175239>

Energy Prices

| U.S. Oil and Gas Prices April 25, 2013 | | | |
|--|-------|----------|----------|
| | Today | Week Ago | Year Ago |
| CRUDE OIL West Texas Intermediate U.S. \$/Barrel | 92.07 | 97.79 | 103.09 |
| NATURAL GAS Henry Hub \$/Million Btu | 4.25 | 4.24 | 1.99 |

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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