



ENERGY ASSURANCE DAILY

Monday Evening, January 03, 2011

Electricity

Storms and Tornadoes Leave Nearly 38,000 without Power in Mississippi and Arkansas December 31

More than 18,000 Ozarks Electric customers in Arkansas and 19,724 Entergy customers in Mississippi lost power on December 31. All Entergy customers had their power restored by the evening of January 2, while most Ozarks Electric customers had their power restored by the end of December 31.

<http://www.entergy-louisiana.com/outages/la.aspx>

<http://www.clarionledger.com/article/20110103/NEWS/101030334/All-power-restored-after-storms>

<http://www.kwgn.com/news/kdvr-tornado-kills-3-in-arkansas-123110.0.3998953.story>

Wind Storms, Tornadoes Knock Out Power to at Least 32,025 Ameren Customers in Illinois and Missouri December 31

A peak of 18,924 Illinois customers and 13,101 Missouri customers were without power the afternoon of December 31. High winds were responsible for felling utility poles and ripping down power lines.

<https://www2.ameren.com/outagemap/default.aspx?state=IL>

<https://www2.ameren.com/outagemap/default.aspx?state=MO>

<http://www.ksdk.com/news/local/story.aspx?storyid=235752&catid=3>

<http://www.ksdk.com/news/local/story.aspx?storyid=235972&catid=3>

<http://www.bizjournals.com/stlouis/news/2010/12/31/tornado-hits-st-louis.html>

Calpine's 751 MW Pastoria Gas-Fired Unit in California Reduced by January 1

According to the California Independent System Operator, the unit reported an unplanned curtailment of 511 MW by January 1.

<http://www.caiso.com/unitstatus/data/unitstatus201101011515.html>

Update: PG&E's 404 MW Helms Hydro Unit 3 in California Returns to Service by December 30

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201012301515.html>

Update: Dynegy's 335 MW El Segundo Gas-Fired Unit 4 in California Returns to Service by December 30

According to the California Independent System Operator, the unit reported a return from an unplanned outage by December 30.

<http://www.caiso.com/unitstatus/data/unitstatus201012301515.html>

AES's 225 MW Huntington Beach Gas-Fired Unit 3 in California Reduced by December 30

According to the California Independent System Operator, the unit reported an unplanned curtailment of 133 MW by December 30.

<http://www.caiso.com/unitstatus/data/unitstatus201012301515.html>

Update: CDWR's 210 MW Pine Flat Hydro Unit in California Returns to Service by December 31, Shuts again by January 2

According to the California Independent System Operator, the unit reported a return from an unplanned outage by December 31. The unit then reported an unplanned outage by January 2.

<http://www.caiso.com/unitstatus/data/unitstatus201012311515.html>

<http://www.caiso.com/unitstatus/data/unitstatus201101021515.html>

AEP's 675 MW Pirkey Coal-Fired Plant in Texas Shuts for Boiler Repairs December 30, Begins to Restart January 1

According to filings with state regulators, the operator shut the boiler to repair a tube leak. The unplanned maintenance was expected to continue until January 7.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148921>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148920>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148936>

<http://www.bloomberg.com/news/2011-01-01/aep-pares-production-at-pirkey-power-plant-in-texas-for-repairs.html?cmpid=yhoo>

Breaker Failure Leads to Unit Trip at AEP's 670 MW Oklaunion Coal-Fired Power Plant in Texas January 3, 2011

Reuters, 11:40 January 3, 2011

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148961>

Update: Sunflower Electric Power Receives Air Quality Permit for Proposed 895 MW Coal-Fired Power Plant in Kansas

The air quality permit, which was given out by the Kansas Department of Health and Environment, does not require compliance with federal greenhouse gas regulations that enter into effect this month.

<http://www.mineweb.com/mineweb/view/mineweb/en/page72558?oid=117588&sn=Detail&pid=102055>

Petroleum

Update: Colonial Returns Its Texas-to-North Carolina Gasoline Pipeline to Full Service December 30

The pipeline, which runs from Houston to Greensboro, had been shut due to a mechanical failure involving a valve since late on December 29. The shutdown is expected to have a limited effect on southern delivery locations. The Colonial pipeline system transports more than 2 million b/d of oil products, on average, from the U.S. Gulf Coast to customers along the U.S. East Coast.

Reuters, 10:17 December 30, 2010

Reuters, 12:21 December 31, 2010

Update: Valero Restarts Gasoline-Making FCC at 87,400 b/d Ardmore, Oklahoma Refinery December 30

The FCC had been shut on December 28 to repair a leak.

Reuters, 8:59 December 31, 2010

Update: Valero Restarts 235,000 b/d Aruba Refinery January 2

The company expects the facility to reach planned rates by the end of January. The refinery had been shut in July 2009 due to economic reasons.

DJN, 12:45 January 3, 2011

Electrical Malfunction Affects Crude Unit, Causes Flaring at Delek's 60,000 b/d Tyler, Texas Refinery December 30-31

The unit began reestablishing normal operations on December 31.

Reuters, 17:16 December 30, 2010

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148915>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148942>

ConocoPhillips Reports Process Upset at 146,000 b/d Borger, Texas Refinery January 1

The Borger refinery is a joint-venture between ConocoPhillips and Cenovus Energy.

Reuters, 17:25 January 2, 2011

Power Outage at Citgo's 167,000 b/d Lemont, Illinois Refinery January 1

It was not clear which units were affected by the power outage, but operators did indicate that at least one unit was taken out of production to determine the cause of the problem.

Reuters, 17:12 January 2, 2011

Upset Reported at ExxonMobil's 504,500 b/d Baton Rouge, Louisiana Refinery December 30

The details of the upset are yet to be determined.

Reuters, 01:39 December 31, 2010

Update: 300,000 b/d Russia-to-China ESPO Crude Pipeline Opens by January 2

The Eastern Siberia-Pacific Ocean (ESPO) pipeline runs from Skovorodino in Russia to Daqing in northeast China.

Reuters, 05:43 January 1, 2011

<http://edition.cnn.com/2011/WORLD/asiapcf/01/03/china.russia.pipeline/>

Natural Gas

Pengrowth Energy Shuts-in 2,200 boe/d of Production after Swan Hills Gas Gathering Pipeline Ruptures, Leading to Explosion and Fire in Alberta January 1

According to a company report, damage from the incident was limited. The fire was contained and the line was in the final stages of being depressurized by January 2. Repairs are expected to take five to ten days. Under normal circumstances, Pengrowth Energy produces about 75,000 boe/d, 21,000 boe/d of which comes from the Swan Hills region.

<http://www.pengrowth.com/newsManager/templates/default.aspx?a=978&template=print-article.htm>

Other News

U.S. Ethanol Production Hits Record 884,000 b/d in October, a 16.8 Percent Increase Over Previous Year: EIA

In September of 2010, U.S. production totaled 869,000 b/d.

DJN, 10:23 January 3, 2011

Energy Prices

U.S. Oil and Gas Prices January 3, 2011			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	92.14	90.47	79.88
NATURAL GAS Henry Hub \$/Million Btu	4.22	4.08	5.78

Source: Reuters

Energy Notes

Equipment Problem at TVA Transmission Substation Knocks Out Power to 13,000 North Georgia EMC Customers December 31

<http://www.11alive.com/news/local/story.aspx?storyid=170606&catid=3>

Marathon Cancels Contract for Noble Deepwater Rig in the Gulf of Mexico Due to Lack of Drilling Permits Following Deepwater Horizon Oil Spill

Reuters, 11:38 January 3, 2011

Update: Hours-of-Service Waivers Expire in Connecticut, Delaware, Illinois, New Jersey, and Maryland December 30-January 2

<http://www.npga.org/i4a/pages/index.cfm?pageid=832>

Iraq and Jordan Agree in Principle to Build an Iraq-to-Jordan Crude Pipeline – Jordan Currently Receives 10,000 b/d from Iraq via Truck

<http://uk.reuters.com/article/idUKTRE7022EE20110103>

Increasing Vibrations Lead to Shut Down of K3405 High Pressure Inlet Compressor and Flaring at Salt Creek Gas Plant in Texas December 31

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148938>

Cold Weather Freezes Discharge Scrubbers and Shuts Compressor at XTO Energy's Russell Compressor Station in Texas January 1

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148939>

Freezing Conditions at Third Party Compressor Leads to Shut Down of Compressor #5 at the West Seminole Gas Plant in Texas January 1

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148941>

Compressor Problems Lead to Flaring at the West Seminole San Andres Unit Central Tank Battery and Tract 3 Satellite in Texas January 2

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148945>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148946>

Power Fault Leads to SRU Shut Down and Flaring at Sneed Booster Station in Texas December 30

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=148923>

California Becomes First State in the U.S. to Require New Efficiency Standards for 100-Watt Incandescent Light Bulbs January 1 – Bulbs with Other Wattages Will Be Required to be More Efficient in Future Years

http://www.mercurynews.com/science/ci_16989501?source=rss

Ethanol Plant Proposed at Former Fish Farm in Hillsborough County, Florida

<http://www2.tbo.com/content/2011/jan/02/021734/ethanol-plant-planned-for-apollo-beach/news-money/>

Brazil Plans to Cease Diesel Imports in 2017 after Completing 300,000 b/d Premium II Refinery in Ceara State: Petrobras Representative

<http://online.wsj.com/article/BT-CO-20101229-705866.html>

Russian Crude Oil Output Rises 2.2 Percent, from 9.93 MMb/d in 2009 to 10.1 MMb/d in 2010, a Post-Soviet Era Record

Reuters, 05:24 January 2, 2011

Nigeria Restarts 22 Million Tonnes/Year Bonny LNG Export Plant by December 31 after a Power Outage Shut the Facility on December 22

Reuters, 08:15 December 31, 2010

Coal Mining Companies Declare Force Majeure on Australian Coal Exports Due to Floods

Reuters, 05:30 January 3, 2011

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST 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. EST. 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