



ENERGY ASSURANCE DAILY

Tuesday Evening, September 22, 2009

Electricity

Storms Knock Out Power to 50,000 Georgia Power Customers in Georgia September 20-22

Storms killed at least eight people, flooded roads, knocked down trees, and cut power to 50,000 Georgia Power customers in Georgia on September 20-22, sources said. Governor Sonny Perdue declared a state of emergency in 17 counties, a news source reported. Georgia power reported it restored power to all customers that could receive power by 1:00 PM this afternoon. Only 3,500 customers remain in the dark, but they are in flooded areas and cannot be restored at present. Georgia Power said further storms could hamper the restoration effort.

<http://www.11alive.com/news/local/story.aspx?storyid=135474&catid=3>

<http://www.ajc.com/news/georgia-highways-roads-remain-143503.html>

<http://www.kltv.com/Global/story.asp?S=11176195>

http://www.google.com/hostednews/ap/article/ALeqM5igyXc-4XxCFyBa_vJSPGbYlcO3mwd9ASH8K00

<http://twitter.com/georgiapower>

Wildfire Downs Transmission Line, Cuts Power to 25,000 Pacific Power Customers in Oregon by September 21

A wildfire forced shut a 230-kV transmission line and knocked out power to 25,000 Pacific Power customers in Oregon by September 21, a news source said. The affected power line delivers electricity to seven area substations.

<http://www.mailtribune.com/apps/pbcs.dll/article?AID=/20090921/NEWS07/909219988/-1/NEWSMAP>

Plant Shutdown Triggers Power Outage in Central Guam September 22

A power plant shutdown cut electricity to an unspecified number of Guam Power Authority customers in Guam on September 22, a news source reported. The utility expected to restore service to the downed customers later in the evening. The affected area is the most densely-populated segment of Guam.

<http://www.guampdn.com/article/20090922/NEWS01/90922019/1002/%3CB%3EPOWER%3C/B%3E+6+20+p.m.++Power+out+in+central+parts+of+Guam++restoration+in+an+hour>

Calpine's 135 MW Calpine American I Gas-fired Unit in California Shut by September 21

According to the California Independent System Operator, the unit reported an unplanned outage by September 21.

<http://www.caiso.com/unitstatus/data/unitstatus200909211515.html>

Update: Kern River Cogeneration's 312 MW Kern River Gas-fired Unit in California Returns to Service by September 21

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 239 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200909211515.html>

Update: Cabrillo Power's 106 MW Encina Gas-fired Unit 1 in California Returns to Service by September 21

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

<http://www.caiso.com/unitstatus/data/unitstatus200909211515.html>

Update: FPL Postpones Restart Due to Possible Leak at 839 MW Saint Lucie Nuke Unit 2 in Florida September 21

FPL stopped restarting its 839 MW Saint Lucie nuke unit 2 in Florida due to a suspected leak on September 21, it said in a filing with the Nuclear Regulatory Commission (NRC). Operators had been returning the unit from an earlier outage, begun on September 10, according to company sources. A spokesman did not say when the unit might return to service.

Bloomberg News, 12:26 September 22, 2009

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/20090922ps.html>

Update: PG&E Restarts 1,087 MW Diablo Canyon Nuke Unit 1 in California by September 22

PG&E took the unit offline on September 19 to fix a feedwater heater, the company said. It returned to 8 percent power by this morning, September 22, according to the Nuclear Regulatory Commission (NRC).

Bloomberg News, 07:18 September 22, 2009

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

AEP Plans Restart at 675 MW Pirkey Coal-fired Power Plant in Texas September 22-24

The unit shut due to a "fan problem" by September 22, American Electric Power (AEP) said in a filing with state regulators. The company expected to restart the unit from September 22-24, according to a separate filing.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=129701>

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=129702>

FirstEnergy Eyes 2011 Start-date for Recently-Purchased, Planned 707 MW Gas-and-Steam-fired Fremont Energy Center in Ohio

FirstEnergy Solutions expects to complete the Fremont Energy Center by the end of 2010, and have the site ready for operation in 2011, it said in a news release. The site will include two natural gas combined-cycle combustion turbines and a steam turbines; it will have 544 MW of load-following capacity and 163 MW of peaking capacity. FirstEnergy bought the project, already partly-completed, from Calpine Corporation in January 2008. Citing economic and demand concerns, it delayed the expected complete-date through 2012. The company canceled that postponement, however, to promote job growth and serve "customers' future electricity needs as the economy recovers," according to the release.

<http://finance.yahoo.com/news/FirstEnergy-To-Complete-prnews-3240453632.html?x=0&.v=1>

NRC Sees Performance Improvements at Dominion's 511 MW Kewaunee Nuclear Power Station in Wisconsin

The Nuclear Regulatory Commission (NRC) returned Dominion's 511 MW Kewaunee nuclear power station in Wisconsin to the "licensee response" column of its safety matrix, citing improved performance in "cross-cutting" issues of human performance, a news source reported. Last year, the NRC noted two insufficiencies in the site's emergency response procedures. In June 2009, however, the NRC found no further safety problems, and closed its initial report.

<http://www.greenbaypressgazette.com/article/20090919/GPG03/909190580/1247/NRC-clears-nuclear-plant>

Update: SCE Begins Smart Meter Deployment in California by September 21

Southern California Edison (SCE) began deploying smart meters across its southern California service territory by September 21, according to Itron Inc., the developer of the meters. Itron expects to deliver more than 4 million such meters by the end of 2012, it said in a press release. It was not clear if all those meters would be sent to SCE.

http://www.itron.com/pages/news_press_individual.asp?id=itr_017706.xml

U.S. Energy Secretary Chu Announces More than \$144 Million in Funding for Transition to Smart Grid September 21

U.S. Energy Secretary Steven Chu announced more than \$144 million in funding from the American Recovery and Reinvestment Act for the electric power sector, including \$44 million in awards to state public utility commissions and \$100 million in available funding for smart grid workforce training programs, according to a news release. The announcement came as part of Secretary Chu's keynote speech at the GridWeek 2009 Conference on September 21.

<http://www.energy.gov/news2009/8030.htm>

Update: Exxon Mobil Fixes Cracked Coke Drum at 348,500 b/d Beaumont, Texas Refinery by September 22

Exxon Mobil finished repairing a cracked coke drum at its 348,500 b/d Beaumont, Texas refinery by September 22, a company spokeswoman said. The company reported the crack on September 15.
Bloomberg News, 12:07 September 22, 2009

Update: ConocoPhillips Launches Expansion at 306,000 b/d Wood River, Illinois Refinery by September 22

ConocoPhillips plans to shut a 110,000 b/d crude distillation unit, a 41,000 b/d hydrocracker and a 38,000 b/d reformer as it expands operations at its 306,000 b/d Wood River, Illinois refinery, a news source said on September 22. The company expects to improve the site's capacity to process heavy Canadian oil, according to the source.
<http://www.reuters.com/article/marketsNews/idUSN2233955620090922>

Sunoco Completes 50,000 b/d Low-Sulfur Diesel Hydrotreater at 335,000 b/d Philadelphia, Pennsylvania Refinery

Sunoco opened a 50,000 b/d hydrotreater last week at its 335,000 b/d Philadelphia, Pennsylvania refinery, a news source said. The unit will convert heating oil into low-sulfur diesel, according to the source.
http://www.philly.com/philly/business/homepage/20090922_Sunoco_playing_tough_market_with_new_refinery_upgrade.html
<http://hesreport.sunocoinc.com/fw/main/Ultra-Low-Sulfur-Diesel-Fuel-Project-205C845.html>

Saudi Aramco Expects Low Demand to Keep Oilfields Offline through 2010

State-run Saudi Aramco expects low demand to keep Saudi Arabian oilfields offline through 2010, an official said. The company has shutdown approximately 4 million b/d of oil output, or about one-third of capacity, the oil ministry said.
<http://www.bloomberg.com/apps/news?pid=20601102&sid=a0lm5NGpI0nU>

Tullow Expects 150,000-to-200,000 b/d of Production for 20-to-25 Years at Newly-Discovered Ugandan Oil Fields

Tullow says its Ugandan oil fields—which contain an estimated 2 billion barrels of reserves—could yield 150,000-to-200,000 b/d of crude for 20-to-25 years, a news source said. The company expects to launch a study next year into devising a development plan.
http://www.rigzone.com/news/article.asp?a_id=80536

Natural Gas

EQT Midstream Launches Open Season for 1.2 Bcf/d of Natural Gas Transportation Capacity in Marcellus Shale, Pennsylvania and West Virginia September 21

EQT Midstream launched an open season to expand its existing Equitrans natural gas pipeline system by 900,000 Dth/d, and to add up to 300,000 Dth/d of capacity along other pipeline projects in West Virginia and Pennsylvania, the company said in a press release. The company would add the 900,000 Dth/d in three phases, it said on its website. The first phase, or "Project 2010," would open in the fourth quarter of 2010, and involve 100,000 Dth/d of new capacity. The second phase, or "Project 2011," would open in the fourth quarter of 2011; it would include 550,000 Dth/d of new capacity. The third phase, or "Project 2012," would enter service in the fourth quarter of 2010, and add another 250,000 Dth/d.
<http://www.eqt.com/equitrans/pdfs/EquitransMarcellusExpansion.pdf>
http://news.prnewswire.com/DisplayReleaseContent.aspx?ACCT=ind_focus.story&STORY=/www/story/09-21-2009/0005097807&EDATE=

Other News

Secretaries Chu and Geithner Announce \$550 Million in New Awards for Clean Energy Projects September 22

Energy Secretary Steven Chu and Treasury Secretary Tim Geithner announced \$550 million in new clean energy awards through the American Recovery and Reinvestment Act on September 22, according to a press release. For a list of the 25 recipient projects, click on the link below.

<http://www.energy.gov/news2009/8038.htm>

EPA Finalizes Nation's First Greenhouse Gas Reporting System—to begin in 2010

The U.S. Environmental Protection Agency (EPA) will require large emitters of heat-trapping emissions to collect greenhouse gas (GHG) data, beginning on January 1, 2010, the EPA said in a release. The new program will apply to roughly 10,000 facilities, and involve approximately 85 percent of the nation's GHG emissions. It will require fossil fuel and industrial GHG suppliers, motor vehicle and engine manufacturers, and facilities that emit 25,000 metric tons or more of CO2 equivalent per year to annually report GHG emissions data to EPA, the release said.

<http://yosemite.epa.gov/opa/admpress.nsf/0/194E412153FCFFE8525763900530D75>

Kinder Morgan Begins Blended 2 Percent Biodiesel Deliveries along 115-mile Pipeline in Oregon by September 22

Kinder Morgan began transporting 100,000 barrels of blended 2 percent biodiesel (B2) along its 115-mile, Portland to Eugene "Oregon Pipeline," the company said in a September 22 release.

<http://phx.corporate-ir.net/phoenix.zhtml?c=119776&p=irol-newsArticle&ID=1334245&highlight=>

Air Products and Chemicals Inc. Reports Malfunction at Hydrogen Plant in Wilmington, California September 21

The malfunction occurred at 1:10 PM, local time, the company said in a filing with state regulators. The affected facility supplies Tesoro-owned refineries in California, a news source said.

Bloomberg News, 19:33 September 21, 2009

Energy Prices

U.S. Oil and Gas Prices			
September 22, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	71.44	69.73	119.14
NATURAL GAS Henry Hub \$/Million Btu	3.35	2.84	7.82

Source: Reuters

Energy Notes

Storms, Winds Cut Power to about 16,000 Oncor Customers in Texas September 21—Only 5,200 Customers Still in the Dark by September 22

<http://www.dallasnews.com/sharedcontent/dws/dn/latestnews/stories/092209weatherevent.3f3c915.html>

DOE to Award up to \$40 Million for Planning of Next Generation Nuclear Plant—Plan Envisions Development by 2021

http://www.world-nuclear-news.org/NN_Plans_for_next_generation_nuclear_2109091.html

Update: TransCanada to Begin Receiving Bids in February 2010 for Planned North Slope, Alaska-to-Alberta, Canada Natural Gas Pipeline

<http://www.ktuu.com/Global/story.asp?S=11172749>

Lower Nicola Indian Band, Biomass Secure Power Plan 12 MW Biomass Power Plant in British Columbia, Canada

http://www.biomassmagazine.com/article.jsp?article_id=3072

AmerenUE Eyes 2011 Start-Date for Planned 50 MW Methane-fired Power Plant in Missouri

<http://www.stltoday.com/stltoday/news/stories.nsf/editorialcommentary/story/775510E8A7FA56EF86257638007F8552?OpenDocument>

AEP Receives State Approval for Planned 6-mile, 138-kV Transmission Line in Ohio September 21

http://www.dispatch.com/live/content/business/stories/2009/09/22/aep_power_line.ART_ART_09-22-09_A8_L3F56S3.html

Niagara Escarpment Commission Approves Hydro One's Planned 500-kV, 112-mile Bruce-to-Milton Hydro Electric Transmission Line in Canada

<http://www.independentfreepress.com/news/article/76596>

Dominion Virginia Power Says Increased Customer Demand to Require an Additional 8,900 MW of Resources over 15-year Stretch in Virginia

<http://dom.mediaroom.com/index.php?s=43&item=800>

Valero Reports FCC-Related Malfunction over Weekend at 289,000 b/d Port Arthur, Texas Refinery — No Affect to Production, Company Says

<http://online.wsj.com/article/BT-CO-20090922-705210.html>

Barge Grounds along Bering Sea, Alaska by September 18, Holding Approximately 142,000 Gallons of Fuel—no Damage Seen

<http://newsminer.com/news/2009/sep/18/fuel-barge-grounds-near-bethel/>

SOCO Receives Government Approval for Development Plan at Te Giac Trang Oilfield Offshore Vietnam—Site Contains Seven Wells, Each with About 11,300 Boe/d Oil Capacity—Company Expects to Begin Production in mid-2011

<http://www.socointernational.co.uk/?entityType=NewsArticle&id=153&d=>

Transportation Department to Provide \$100 Million in Stimulus Funding for U.S. Transit Agencies—Projects to Slow Global Warming, Reduce Reliance on Oil, Department Says

<http://www.timesunion.com/AspStories/story.asp?storyID=844544&category=REGION>

Turkey, Iraq Hope to Increase Throughput to 1 Million b/d along Kirkuk-Ceyhan Oil Pipeline within Three-to-Four Years—Line Has 1.5 Million b/d Capacity, but is Currently Delivering at Just 18 Percent

<http://www.arabianbusiness.com/568243-turkey-eyes-term-extension-on-iraq-oil-pipeline-deal>

Operational Issues at Fullerton Gas Plant Triggers Flaring at Riley Booster Station in Texas September 22

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129712>

Leak Forces Compressor Shutdown at Salt Creek Gas Plant in Texas September 22

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129713>

New York PSC Approves Funding for Programs Slated to Conserve Approximately 268,000 Dth of Natural Gas through 2011

<http://intelligencepress.com/>

Mainland Resources Begins 7.6 MMcf/d Natural Gas Production at Dehan et al 15H #1 Well in Louisiana by September 21

http://www.rigzone.com/news/article.asp?a_id=80561

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

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<http://www.oe.netl.doe.gov/ead.aspx>

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