



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

ENERGY ASSURANCE DAILY

Tuesday Evening, June 30, 2009

Electricity

PSE&G Transformer Explosion Knocks Out Power to Many Buildings in Downtown Newark, New Jersey June 30

About 250 Public Service Gas & Electric (PSE&G) customers in downtown Newark, New Jersey lost power after an explosion and fire at one of the company's electric transformers. Many downtown buildings lost power including the Martin Luther King Federal Courthouse. PSE&G was working on the transformer at the time of the explosion.
<http://www.google.com/hostednews/ap/article/ALeqM5jbg265sKtYOFBGwfTS3TusvnZIDQD99542304>
http://www.philly.com/philly/wires/ap/news/state/new_jersey/20090630_ap_3injuredintransformerblastinnewark.html

DOE Announces up to \$32 Million Initiative to Expand U.S. Hydropower Facilities

On June 30, U.S. Department of Energy Secretary Steven Chu announced that up to \$32 million in Recovery Act funding would be allocated to modernize the existing hydropower infrastructure in the U.S., increase efficiency and reduce environmental impacts. The announcement is designed to support the deployment of turbines and control technologies to increase power generation and environmental stewardship at existing non-Federal hydroelectric facilities.
<http://www.energy.gov/news2009/7555.htm>

Ontario Government Suspends Procurement for Two New Nuclear Units

The Government of Ontario announced June 29 that it has suspended the competitive Request-for-Proposals to procure two replacement nuclear reactors planned for the Darlington site. The government says that it remains committed to the modernization of Ontario's nuclear plants but was not happy with the competitive bidding process. In March 2008, Ontario undertook a two phase competitive procurement process to select a nuclear vendor to build a two unit nuclear power plant at Darlington
<http://www.news.ontario.ca/mei/en/2009/06/ontario-suspends-nuclear-procurement.html>

Update: FirstEnergy's 1,235 MW Perry Nuke Unit 1 in Ohio at Full Power by June 30

The Nuclear Regulatory Commission reported that on the morning of June 29 the unit was operating at 84 percent. The unit, which automatically tripped on June 21, has been ramping up since restarting by early June 26. Information derived from the NRC Power Reactor Status Reports:
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>
Bloomberg News, 11:10 GMT June 30, 2009

Update: TVA's 1,118 MW Browns Ferry Nuke Unit 3 in Alabama Reduced to 80 Percent by June 30

The Nuclear Regulatory Commission reported that on the morning of June 29 the unit was operating at 96 percent after a reduction to 75 percent of capacity over the weekend. Information derived from the NRC Power Reactor Status Reports:
<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: Intermountain Power Agency's 900 MW Intermountain Coal-fired Unit 2 in Utah Returns to Service by June 29

The unit shut by June 23 for unplanned reasons.
<http://www.caiso.com/unitstatus/data/unitstatus200906291515.html>

Luminant's 750 MW Martin Lake Coal-fired Unit 1 in Texas Returns to Service June 30

The unit returned to service early June 30 after shutting the unit June 28-29 to fix the reheat stop valve and interceptor valves.

Reuters, 11:18 June 30, 2009

Update: Luminant's 565 MW Monticello Coal-fired Unit 1 in Texas Restarts June 30

The unit will be in startup following repairs of control wires damaged in a cable tray fire on June 29. Luminant also completed repairs of a boiler tube leak discovered after the shutdown.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=126119>

NRG's 335 MW El Segundo Gas-fired Unit 3 in California Shut by June 29

According to the California Independent System Operator, the unit reported an unplanned outage on June 29.

<http://www.caiso.com/unitstatus/data/unitstatus200906291515.html>

Petroleum

CDU Shut, Restarted at Valero's 142,000 b/d Corpus Christi, Texas Refinery June 29-30

The crude distillation unit (CDU) no. 1 will restart at the refinery from June 30 to July 2. A refinery spokesman told Bloomberg News that the 40,000 b/d CDU had an unplanned shutdown for brief repairs on June 29.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=126234>

Bloomberg News, 15:42 GMT June 30, 2009

Reuters, 12:08 June 30, 2009

Delayed Coker Rates Cut at Valero's 289,000 b/d Port Arthur, Texas Refinery June 29

The charge rates to the delayed coking unit (DCU) 834 were cut while operators fixed a failed pressure transmitter on the unit's wet gas compressor anti-surge system. A refinery spokesman told Bloomberg News that the DCU had returned to full rates on June 30.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=126246>

Bloomberg News, 16:30 GMT June 30, 2009

Compressor Repaired at Alon's 67,000 b/d Big Spring, Texas Refinery June 29

"Hot" valves on the off-gas compressor were repaired. Operations were adjusted at the refinery to maximize production while minimizing off-gas flaring during the repairs.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=126249>

Severe Weather Upsets Sat Gas Unit at Delek's 60,000 b/d Tyler, Texas Refinery June 29

Due to severe weather and lightning, an upset occurred at the Sat Gas Unit. Operators corrected the problems.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=126250>

Natural Gas

Gulf Crossing Pipeline Completes Remediation of Anomalies, Receives PHMSA Permit to Operate at 1.3 Bcf/d June 30

FERC Approves Expansion of Mira Compressor Station in Louisiana

Boardwalk Pipeline Partners, LP announced June 30 that its Gulf Crossing Pipeline Company LLC subsidiary has completed remediation of the pipe anomalies on its Texas-Louisiana system and has been authorized by the Pipeline and Hazardous Materials Safety Administration (PHMSA) to operate the pipeline at normal operating pressures of up to 72% of the Specified Minimum Yield Strength, effective immediately. Anticipated peak-day delivery capacity for Gulf Crossing in July is estimated at approximately 1.3 Bcf/d. Boardwalk plans to increase the peak-day delivery capacity of the Gulf Crossing pipeline to 1.4 Bcf/d, subject to receiving PHMSA authorization. Boardwalk also announced that the Federal Energy Regulatory Commission has granted Gulf Crossing authority to expand its Mira Compressor Station in Caddo Parish, Louisiana to increase peak-day delivery capacity to 1.7 Bcf/d in 2010, subject to approval by PHMSA.

<http://phx.corporate-ir.net/phoenix.zhtml?c=193443&p=irol-newsArticle&ID=1303467>

Colorado Interstate Gas Initiates Service on 10 Bcf Totem Storage Field in Colorado

Colorado Interstate Gas (CIG) is announced that its new Totem Storage Field has been placed in service effective June 29, 2009. Totem interconnects with CIG's High Plains system at the Kiowa Creek Meter Station. The Totem Natural Gas Storage Project has a total gas inventory of about 10.7 Bcf of natural gas, comprised of 7.0 Bcf of working gas and approximately 3.7 Bcf of base gas.

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CIG&sSubCategory=NonCritical&sNoticeId=7775>

http://www.elpaso.com/totemstorage/project_info.shtml

Transco's Southeast Expansion Gets Environmental Nod

FERC issued a favorable environmental assessment on June 26 to Transcontinental Gas Pipe Line's 308 MMcf/d 85 North Expansion Project, which is proposed along Transco's pipeline system running through the Southeast U.S. Transco proposes to build three 42-inch-diameter pipeline loops stretching for 22 miles adjacent to its system in Alabama, South Carolina and North Carolina. Transco also plans to build a new compressor station in South Carolina and modify eight existing compressor stations across the Southeast.

<http://www.platts.com/Natural%20Gas/News/6444920.xml?p=Natural%20Gas/News&sub=Natural%20Gas>

<http://intelligencepress.com/>

MarkWest Pioneer Announces Non-Binding Open Season for Arkoma Connector Pipeline in Oklahoma

MarkWest Pioneer, L.L.C., a joint venture between affiliates of MarkWest Energy Partners, L.P. and ArcLight Capital Partners, LLC, announced June 29 a non-binding open season / reverse open season through 5:00 p.m. MDT on July 20, 2009, for incremental firm transportation service on the Arkoma Connector pipeline. The Arkoma Connector pipeline, which is currently under construction and near completion, is a 50-mile interstate pipeline that will provide new Woodford Shale takeaway capacity and interconnects with Midcontinent Express Pipeline and Gulf Crossing Pipeline.

<http://www.markwest.com/files/MWE/MWE%20Arkoma%20Connector%20Open%20Season%20FINAL.DOC>

Other News

DOE Officially Cancels Plans for 11 Nuclear Fuel Reprocessing Facilities in the United States

The DOE's Office of Nuclear Energy published a "Notice of Cancellation" of the programmatic environmental impact statement (PEIS) for Global Nuclear Energy Partnership (GNEP) in the Federal Register. DOE announces that it has decided to cancel the GNEP PEIS because it is no longer pursuing domestic commercial reprocessing, which was the primary focus of the prior Administration's domestic GNEP program. The GNEP program, launched in 2006, was a broad program aimed at reprocessing spent commercial nuclear fuel to maximize its efficiency, reducing waste volume and preventing its exploitation for nuclear weapons.

[http://frwebgate4.access.gpo.gov/cgi-](http://frwebgate4.access.gpo.gov/cgi-bin/TEXTgate.cgi?WAISdocID=391126299890+0+1+0&WASAction=retrieve)

[bin/TEXTgate.cgi?WAISdocID=391126299890+0+1+0&WASAction=retrieve](http://frwebgate4.access.gpo.gov/cgi-bin/TEXTgate.cgi?WAISdocID=391126299890+0+1+0&WASAction=retrieve)

http://chronicle.augusta.com/stories/latest/lat_530624.shtml?v=1716

Ohio Edison Workers Find Body of Electrocuted Man Believed to Have Been Attempting to Steal Copper Wire from Substation

A substation caught on fire in Ohio on June 30. The substation outage knocked out power to 2,000 Ohio Edison customers in the area. The body of an electrocuted man was found at the scene of the fire and was burned beyond recognition. The man was believed to have been attempting to steal copper wire from the substation.

<http://www.tribtoday.com/page/content.detail/id/524076.html?nav=5021>

Energy Prices

U.S. Oil and Gas Prices June 30, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	69.22	65.35	141.05
NATURAL GAS Henry Hub \$/Million Btu	3.83	4.01	13.10

Source: Reuters

Energy Notes

**Interior Dept. Announces ‘Fast Track’ Initiatives for Solar Projects on Western Lands
BLM to Begin Environmental Reviews for Two Major Nevada Solar Projects**

http://www.doi.gov/news/09_News_Releases/062909.html

**Maryland PSC Issues Final Approval for New 1,600 MW Unit at Constellation Energy’s
Calvert Cliffs Nuclear Plant June 30**

<http://ir.constellation.com/releasedetail.cfm?ReleaseID=392677>

NYISO Reviews Impact of Electric Vehicles on Grid

<http://www.empirestatenews.net/News/20090630-7.html>

Valero Fined by Delaware for Emissions at Delaware City, Refinery

<http://www.reuters.com/article/marketsNews/idUSN3043135520090630>

**Update: AEP/SWEPCO Seeks Arkansas Supreme Court Review of Appeals Court Decision
Overturning State Approval of Construction Permit for 600 MW Coal-fired Power Plant**

<http://www.reuters.com/article/marketsNews/idUSN2923270620090629>

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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