



# ENERGY ASSURANCE DAILY

Tuesday Evening, June 02, 2009

## ***Electricity***

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### **Update: Exelon's 855 MW Quad Cities Nuke Unit 1 in Illinois Ramped Up to 86 Percent by June 2**

As the unit was ramping up following a long refueling and maintenance shutdown, the company idled the unit so workers could fix malfunctioning valves. The Nuclear Regulatory Commission reported that on the morning of June 1 the unit was operating at 28 percent.

Bloomberg News, 07:00 June 2, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

### **Martinez Refining's 100 MW Shell Oil Refinery Aggregate Gas-fired Unit in California Shut by June 1**

According to the California Independent System Operator, the unit experienced an unplanned outage by June 1.

<http://www.caiso.com/unitstatus/data/unitstatus200906011515.html>

### **SolarReserve and Rocketdyne Plan 100-600 MW Power Plant in California to Produce Energy from Sun, Molten Salt and Water**

At the Barstow, California site of a solar plant that closed in 1999, Rocketdyne Engineering and SolarReserve together are planning a utility-scale solar power plant which will produce energy from the sun, molten salt and water. The companies plan to produce between 100 and 600 MW of electricity by using 15,000 tilting mirrors to direct sunlight to a solar collector atop a 600-foot-tall receiver tower. The mirrors would heat up the molten salt flowing through the receiver tower, by way heating the water and turning it into steam to drive a turbine to create electricity. The molten salt can be stored for days or even longer and then used to generate electricity, the companies said.

[http://www.upi.com/Science\\_News/2009/05/29/Plant-to-use-salt-to-create-energy/UPI-72071243627908/](http://www.upi.com/Science_News/2009/05/29/Plant-to-use-salt-to-create-energy/UPI-72071243627908/)

<http://www.latimes.com/business/la-fi-rocketdyne-solar29-2009may29.1.4661220.story>

### **ComEd Files Petition with Illinois Commerce Commission to Test Smart Meter Technology with Large-Scale Pilot Program**

ComEd recently filed a petition with the Illinois Commerce Commission (ICC) recommending communities to participate in the company's one-year Advanced Metering Infrastructure (AMI) pilot - the first smart meter project designed to comprehensively assess how customers will interact with this innovative technology. According to the proposed plan, approximately 141,000 smart meters will be deployed in 11 suburban communities and in the City of Chicago as part of the test.

<http://phx.corporate-ir.net/phoenix.zhtml?c=124298&p=irol-newsArticle&ID=1294472&highlight=>

### **PacifiCorp Plans to Cut Reliance on Coal-fired Power Plants by Adding Additional Renewables, Natural Gas and Demand-Side Management**

The utility that serves customers throughout Oregon, Washington, California, Utah, Wyoming and Idaho announced recently in its resource plan that by 2018, PacifiCorp expects to have 2,540 MW of renewable resources in use. During this time, the company expected coal will fall from 58 percent of its energy mix to roughly 40 percent.

<http://www.platts.com/Electric%20Power/News/6371711.xml?p=Electric%20Power/News&sub=Electric%20Power>

## **Update: Prairie Wind Transmission, ITC Great Plains Reach Agreement on Construction of 765-kV, 300-mile Extra High Capacity Transmission Lines**

Prairie Wind Transmission announced an agreement with ITC Great Plains regarding the segments of a proposed 765-kV transmission project each company will construct in Kansas. Under the terms of the settlement, Prairie Wind will construct and operate the portion of the line from Wichita to Medicine Lodge and on to the Oklahoma border, while ITC's portion will run from a location near Dodge City to connect to Medicine Lodge.

<http://finance.yahoo.com/news/Kan-gov-announces-deal-on-apf-15411485.html?v=1>

[http://www.westarenergy.com/corp\\_contentmgt.nsf/resources/2009-6-1/\\$File/2009-6-1.pdf?openelement](http://www.westarenergy.com/corp_contentmgt.nsf/resources/2009-6-1/$File/2009-6-1.pdf?openelement)

## **Petroleum**

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### **Leak Reported at Flint Hills's 232,000 b/d Port Arthur, Texas Refinery June 1**

According to a filing with state regulators, operators at the refinery identified a hydrocarbon odor and following an investigation a leak was found from a line on a pump seal. The workers capped the line and stopped the release.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124939>

<http://online.wsj.com/article/BT-CO-20090602-706215.html>

### **Energy Secretary Chu Says Technology Can Solve Environmental Problems Associated with Canada's Oil Sands**

In a speech to Reuters Global Energy Summit, U.S. Energy Secretary Chu said he believes technology can solve environmental problems associated with Canada's oil sands, and that the huge nearby resource will contribute to U.S. energy security.

[http://news.yahoo.com/s/nm/20090601/wl\\_canada\\_nm/canada\\_us\\_energy\\_summit\\_chu\\_oilsands\\_3](http://news.yahoo.com/s/nm/20090601/wl_canada_nm/canada_us_energy_summit_chu_oilsands_3)

### **Production Unaffected After Emissions Reported at Alon USA's 67,000 b/d Texas City, Texas Refinery June 1**

According to a filing with state regulators, emissions related to a heater and crude unit did not affect output at the refinery.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124900>

Bloomberg News, 16:24 June 1, 2009

### **Explosion Reported at Syncrude's Fort McMurray Oil Sands Facility in Alberta June 1**

According to local media, an explosion was reported at Syncrude's oil sands facility in Fort McMurray, Alberta. The explosion occurred during the extraction portion of the mining process late June 1. The blast sent four people to the hospital, a company representative said production was not affected.

<http://www.vancouversun.com/news/Alta+oilsands+explosion+sends+hospital/1655205/story.html>

Reuters, 11:55 June 2, 2009

### **FCC Unit Reported Shut at Citgo's 156,000 b/d Corpus Christi, Texas Refinery June 2**

In a filing to state regulators, Citgo reported it shut a fluid catalytic cracker (FCC) unit at its Corpus Christi refinery due to technical problems.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124936>

Reuters, 03:24 June 2, 2009

### **Update: Depropanizer Tower Restarted at BP's 475,000 b/d Texas City, Texas Refinery June 2**

In a filing with state regulators, BP said the restart, which is expected to last through Thursday, will result in emissions from the ultracracker and ultraformer.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124910>

Reuters, 08:30 June 2, 2009

### **Update: FCC Unit Returns to Service at Sunoco's 335,000 b/d Philadelphia, Pennsylvania Refinery June 1**

A 138,500 b/d gasoline-making fluid catalytic cracking (FCC) unit at Sunoco's Philadelphia refinery was restarted June 1 to make up for the shortfall in production due to a shut FCC at Sunoco's 178,000 b/d Marcus Hook, Pennsylvania refinery. The Philadelphia FCC unit is ramping up towards planned rates, a refinery source said.

Dow Jones NewsWire, 11:30 June 2, 2009

## **Update: SemGroup's 525-Mile White Cliffs Crude Oil Pipeline from Colorado to Oklahoma Begins Commercial Operation**

On June 2, SemGroup announced that its White Cliffs Pipeline has begun commercial operations. The 12-inch pipeline carries crude oil 525 miles from near Platteville, Colorado, to storage tanks owned and operated by SemGroup at Cushing, Oklahoma.

<http://www.semgroup.com/newsandmedia/pressreleases/pressreleasedetail.aspx?id={3634E3AE-B36F-4B4B-BA7A-98847D16716B}>

## **Update: FCC Unit Restarted at Citgo's 167,000 b/d Lemont, Illinois Refinery Following Unplanned Shutdown**

Bloomberg News, 11:46 June 2, 2009

## **Natural Gas**

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### **Update: FERC Approves Cheniere Energy's Request to Modify its Sabine Pass LNG Import Terminal to Export LNG Received from Outside U.S.**

The Federal Energy Regulatory Commission (FERC) recently approved Cheniere Energy's request to modify its Sabine Pass liquefied natural gas import terminal in Louisiana to export gas from outside the U.S. The recent decline in price and demand for natural gas prompted the request by Cheniere Energy.

<http://www.platts.com/Natural%20Gas/News/6371487.xml?p=Natural%20Gas/News&sub=Natural%20Gas>  
[http://elibrary.ferc.gov/0/idmws/file\\_list.asp?document\\_id=13723696](http://elibrary.ferc.gov/0/idmws/file_list.asp?document_id=13723696)

### **Tricor Ten Section Hub Announces Non-Binding Open Season for Planned Natural Gas Storage and Hub Facility in California June 2**

Tricor Ten Section Hub (Tricor) announcing a non-binding open season for its planned underground natural gas storage facility and hub located in Kern County, California June 1. The facility will contain 32.5 Bcf of storage gas of which 22.4 Bcf will be working gas. Upon completion, the storage facility will provide four cycles per year with a maximum withdrawal rate of 1.0 Bcf per day and a maximum injection rate of 0.8 Bcf per day. Assuming a FERC certificate is issued by February 2010, Tricor estimates that initial service could commence in January 2012.

<http://www.tensectionhub.com/media/tensectionhub/OpenSeasonAnnouncement.pdf>

### **NGS Energy Announces Binding Open Season for 32 Bcf of Natural Gas Storage Services at Under-Construction Leaf River Energy Center in Mississippi June 1**

NGS Energy announced it will hold a binding Open Season for natural gas storage services at its under-construction Leaf River Energy Center, a salt cavern natural gas storage facility located in Smith County, Mississippi. The Open Season will commence June 1, 2009 and will end on June 16, 2009. The storage facility will provide up to 32 Bcf of working gas capacity and will offer injection capability of up to 1 Bcf/d and withdrawal capability of up to 2.5 Bcf/d. Leaf River will have a 34 mile pipeline header system that will offer interconnects with Southern Natural Gas Company, Gulf South, Transco, Tennessee, Destin and KM Midcontinent Express pipelines.

<http://www.ngsenergy.com/en/art/49/>

### **Equipment Failure Reported at Goldsmith Gas Plant in Texas June 1**

According to a filing with state regulators, the "PLC" on the #2 reheater failed, causing the sulfur recovery unit (SRU) to shutdown. The SRU was returned to service within 3 hours.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=124941>

### **Thunder and Lightning Storm Cause Shutdown of SRU at Keystone Gas Plant in Texas June 1**

According to a filing with state regulators, a sulfur recovery unit (SRU) at the Keystone Gas Plant went down due to low acid gas flow when a power failure occurred due to a severe thunder and lightning storm.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=124913>

## Other News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
June 2, 2009			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	68.47	61.78	128.71
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.86	3.41	11.43

Source: Reuters

## Energy Notes

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**High Hydrocarbon Reading Forces Kinder Morgan to Shutdown 20-Mile Portion of its East Bay Products Pipeline in California June 1**

[http://www.mercurynews.com/breakingnews/ci\\_12497690?nclick\\_check=1&forced=true](http://www.mercurynews.com/breakingnews/ci_12497690?nclick_check=1&forced=true)

**Interstate Oil and Gas Compact Commission Seeks to Repeal Section of 2007 Energy Independence and Security Act due to Negative Implications Regarding Imports of Crude from Oil Sands**

[http://www.ogj.com/wwu/current\\_issue\\_display.cfm?d=05-28-2009&id=363548](http://www.ogj.com/wwu/current_issue_display.cfm?d=05-28-2009&id=363548)

**Update: Forecasters at Colorado State University Trim 2009 Hurricane Season from 'Average' Season to 'Slightly Below Average' Season**

[http://newsinfo.colostate.edu/index.asp?url=news\\_item\\_display&news\\_item\\_id=177529875](http://newsinfo.colostate.edu/index.asp?url=news_item_display&news_item_id=177529875)

**Update: Enbridge Begins Hiring to Begin Construction on its Alberta Clipper Crude Pipeline from Wisconsin to Alberta and its Southern Lights Crude Pipeline from Illinois to Minnesota**

<http://www.chicagotribune.com/news/chi-ap-wi-pipelinejobs.0,2735423.story>

**Lightning Storm Knocks out Power to 14,000 Pacific Power Customers in Oregon May 31**

<http://www.mailtribune.com/apps/pbcs.dll/article?AID=/20090602/NEWS/906020316>

**California State Lands Commission Votes to Urge State Legislature to Reject Governor Schwarzenegger's Proposal to Allow First Offshore Oil Drilling Lease Since 1969**

Reuters, 19:17 June 1, 2009

**Update: Saudi Aramco and ConocoPhillips's Planned 400,000 b/d Saudi Tanbu Refinery Start-Date Delayed One Year to Late 2014**

Reuters, 07:08 June 2, 2009

<http://www.bizjournals.com/houston/stories/2008/05/12/daily58.html>

**Update: Massachusetts Secretary of Energy and Environment Says Weaver's Cove Energy's Proposed Fall River LNG Receiving Terminal Will Most Likely Not Receive Environmental Approval with Current Proposed Plans**

<http://www.bostonherald.com/business/general/view.bg?articleid=1176163&srvc=business&position=3>

## **Links**

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***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](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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*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](mailto:ead@oe.netl.doe.gov)