



# ENERGY ASSURANCE DAILY

Monday Evening, June 10, 2013

## **Electricity**

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### **Cable Problem at NSTAR Substation Cuts Power to 12,000 Customers in Boston; Forces Officials to Shut Down Massachusetts Turnpike's Prudential Tunnel**

NSTAR reported about 12,000 of its customers in Boston's Back Bay lost power early Sunday morning due to a problem with a cable at its Scotia Street Substation. Operators said one of the two transformers at the substation was out of service for upgrades when the problem occurred, and if both had been in place, "it would have been a nonevent." The outage cut power to the Prudential Tunnel, prompting State Police to shut the tunnel and parts of the Massachusetts Turnpike until lighting and ventilation systems could be restored. Police reopened the tunnel later that day. NSTAR planned to cut power again to customers that had been previously affected for a few hours early Monday morning while crews fixed the underlying problem at the substation, a spokesman said. Officials said the Prudential tunnel would be closed to traffic during the work, starting at about 1:00 a.m. local time. The repairs were expected to be completed by 5:00 a.m. Monday, the spokesman said.

<http://www.bostonglobe.com/metro/2013/06/09/power-outage-leaves-dark-back-bay-and-traffic-problems-should-restored-noon>

### **ISO New England Concerned about Availability of Generating Resources This Winter; Wants Oil-Fired Generators to Stockpile Oil for 2013–2014 Heating Season**

ISO New England said in recent committee documents that it has growing concerns about the availability and flexibility of generating resources—particularly natural gas- and oil-fired resources—to reliably serve the demands of electricity consumers in New England this winter. The region's reliance on natural gas to produce electricity has increased significantly in the past several years, in part because natural gas has become far less expensive than other fossil fuels. This reliance could create operational challenges if natural gas supplies become tight this winter. These concerns have been documented through the ISO's Strategic Planning Initiative and the ISO is already working with stakeholders to develop short- and long-term solutions to this and other strategic risks. One approach is to ask the region's operators of oil-fired power plants to stockpile 4.2 million barrels of oil by December 1 for back-up. The ISO also wants more businesses to reduce power use during severe weather, to help lower the demand for electricity. These suggestions and others will be included in a draft reliability plan the ISO is preparing to deliver to the U.S. Federal Energy Regulatory Commission for the 2013–2014 heating season.

[http://www.iso-ne.com/committees/winter\\_operations\\_summary\\_2013.pdf](http://www.iso-ne.com/committees/winter_operations_summary_2013.pdf)

[http://www.iso-ne.com/committees/winter\\_oil\\_term\\_sheet.doc](http://www.iso-ne.com/committees/winter_oil_term_sheet.doc)

[http://www.iso-ne.com/committees/comm\\_wkgtps/othr/egoc/mtrls/2013/iso\\_ne\\_post\\_winter\\_review.pdf](http://www.iso-ne.com/committees/comm_wkgtps/othr/egoc/mtrls/2013/iso_ne_post_winter_review.pdf)

[http://www.pressherald.com/new-england-at-risk-this-winter\\_2013-06-08.html?p=all&tc=pgall](http://www.pressherald.com/new-england-at-risk-this-winter_2013-06-08.html?p=all&tc=pgall)

### **San Onofre Shutdown to Increase California's Reliance on Natural Gas – Analysts**

California's growing reliance on natural gas to fuel its power plants will increase following Southern California Edison's (SCE) decision to retire both reactors at its 2,150 MW San Onofre Nuclear Generating Station. Both units have been shut since January 2012, when operators detected premature tube wear in steam generators. SCE said Friday that instead of maintaining the plant in a state of readiness to restart while Federal inspectors reviewed restart plans that were at risk of not being approved, the utility's efforts would be better focused on planning for the replacing generation and transmission resources that would be required for grid reliability. The California Independent System Operator (CAISO) has said that although the loss of San Onofre could impact reliability in Southern California this summer, old and new power plants fueled by natural gas will likely make up for the deficiency. Replacing San Onofre's output could add roughly 360 MMcf/d of natural gas demand for the State, one energy analyst estimated. SCE said it would continue working with CAISO, the California Energy Commission, and the California Public Utilities Commission in planning for Southern California's energy needs.

<http://finance.yahoo.com/news/analysis-nuclear-plant-shutdown-increase-050510940.html>

<http://www.bloomberg.com/news/2013-06-07/california-power-reliability-top-concern-for-ferc-commissioner.html?cmpid=yahoo>

### **Ameren Prepared to Meet Increased Demand for Electricity in Illinois This Summer**

Ameren Illinois last week reported to the Illinois Commerce Commission's Electricity Policy Committee that it will have sufficient generation resources and transmission and distribution capability to provide reliable electric service to its Illinois customers this year, including during the summer months when demand increases. The results of a Summer Operating Study performed by Ameren and a Midwest Independent System Operator-wide Coordinated Summer Assessment both show the Ameren system is adequate to serve summer loads.

<http://ameren.mediaroom.com/index.php?s=43&item=1190>

### **Update: Duke Energy's 630 MW Edwardsport IGCC Power Plant in Indiana Begins Commercial Operations June 7**

Duke Energy announced its Edwardsport integrated coal gasification combined cycle (IGCC) plant began commercial operation on Friday in Knox County, Indiana. The plant is expected to build up to its long-term level of availability over the next 15 months. Duke will retire three coal-fired units at the 160 MW site upon full operation at the new plant.

<http://www.duke-energy.com/news/releases/2013061001.asp>

### **Update: PPL Shuts 1,105 MW Susquehanna Nuclear Unit 1 in Pennsylvania June 7 Due to a Reactor Water Level Transient During Startup**

PPL Susquehanna LLC reported that on Friday afternoon, operators manually scrambled Susquehanna Unit 1 during reactor startup when all turbine bypass valves unexpectedly opened, according to a filing with the U.S. Nuclear Regulatory Commission. Reactor feed pumps, main turbine, HPCI, and RCIC tripped on high level due to the resultant reactor level swell. All safety systems operated as expected. The cause of the turbine bypass valve opening is under investigation. Unit 2 was unaffected. At the time of the incident, Unit 1 had been returning from an outage that began on May 9, when operators shut the reactor to install turbine modifications.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130610en.html>

### **Update: FirstEnergy's 831 MW Beaver Valley Nuclear Unit 2 in Pennsylvania Restarts, Ramps Up to 58 Percent by June 10**

Beaver Valley 2 is returning from an outage that began May 28, when operators shut the unit for maintenance on the main generator and reactor coolant pump. On the morning of June 9 the unit was not operating.

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

### **FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Reduced to 60 Percent by June 9**

Perry 1 was operating at full power on the morning of June 7. Operators reduced it to 70 percent power by the morning of June 8.

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

### **Update: Progress Energy's 900 MW Harris Nuclear Unit 1 in North Carolina Restarts by June 7, Returns to Full Power by June 9**

Harris 1 returned from an outage that began May 15, when operators shut the unit to repair a reactor vessel head nozzle. On the morning of June 7, the reactor was operating at 7 percent.

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

### **Update: Southern's 1,149 MW Vogtle Nuclear Unit 2 in Georgia Restarts by June 8, Returns to Full Power by June 10**

Vogtle 2 returned from an outage that began by June 2.

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

### **Update: NPPD's 764 MW Cooper Nuclear Unit in Nebraska at Full Power by June 10**

On the morning of June 9 the unit was operating at 85 percent.

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

### **ESP Chamber Glitch Shuts Luminant's 590 MW Sandow Coal-Fired Unit 4 in Texas June 8**

Luminant reported Sandow Unit 4 tripped Saturday morning when the AA electrostatic precipitator (ESP) chamber was improperly isolated, causing a change in furnace pressure, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=183780>

## **TMPA Restarts 453 MW Gibbons Creek Coal-Fired Unit 1 in Texas June 8 after Shutdown to Repair Tube Leak**

The Texas Municipal Power Authority (TMPA) reported it was restarting Gibbons Creek Unit 1 Saturday night after shutting it earlier that day to repair a tube leak, according to a filing with the Texas Commission on Environmental Quality. Operators expected emissions associated with restart activities to continue until Sunday morning.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=183533>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=183534>

## **AES's 496 MW Redondo Natural Gas-Fired Unit 8 in California Shut by June 7**

The unit entered an unplanned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201306071515.html>

## **Crockett Cogeneration's 240 MW Crockett Natural Gas-Fired Unit in California Returns to Service by June 9**

The unit returned from an unplanned outage that began by June 8.

<http://content.caiso.com/unitstatus/data/unitstatus201306091515.html>

## **Inland Empire Energy Center's 366 MW Inland Empire Natural Gas-Fired Unit 2 in California Reduced by June 9**

The unit entered a curtailment of 196 MW that was due to both planned and unplanned causes.

<http://content.caiso.com/unitstatus/data/unitstatus201306091515.html>

## **Update: PG&E's 154 MW Kerkhoff Hydro Unit 1 in California Returns to Service by June 7**

The unit returned from an unplanned outage that began by June 6.

<http://content.caiso.com/unitstatus/data/unitstatus201306071515.html>

## ***Petroleum***

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### **Update: High Gasoline Prices Expected to Continue in U.S. Midwest Due to Unplanned Refinery Outages – Analysts, Traders**

Retail gasoline prices in several U.S. Midwestern States spiked close to record highs last week and were expected to stay near those levels for several weeks due to planned and unplanned maintenance outages at regional refineries, industry analysts and traders said on Friday. The U.S. Energy Information Administration (EIA) reported late last month that sharp increases in Midwest gasoline prices were largely due to planned and unplanned refinery maintenance in the region that significantly depleted gasoline inventories. The latest report from the EIA said gasoline inventories in the region had grown only a small amount, leading some petroleum analysts to believe the spike in gas prices could last several weeks. Maintenance at ExxonMobil Corp.'s 238,600 b/d Joliet, Illinois refinery has shut down production since April 14 and is expected to continue until late June. Phillips 66 unexpectedly reported last week that maintenance was underway at its 356,000 b/d Wood River, Illinois refinery, though it did not say whether any units of the refinery had to be shut down. In addition, a large crude distillation unit at BP Plc's 405,000 b/d Whiting, Indiana refinery has been shut since late last year for an upgrade; that unit is expected to restart later this month.

<http://www.eia.gov/petroleum/supply/weekly/>

[http://gasbuddy.com/GB\\_Price\\_List.aspx?cntry=USA#us\\_cities](http://gasbuddy.com/GB_Price_List.aspx?cntry=USA#us_cities)

[http://www.reuters.com/article/2013/06/07/usa-gasoline-midwest-](http://www.reuters.com/article/2013/06/07/usa-gasoline-midwest-idUSL1N0EJ1MA20130607?feedType=RSS&feedName=cyclicalConsumerGoodsSector&rpc=43)

[idUSL1N0EJ1MA20130607?feedType=RSS&feedName=cyclicalConsumerGoodsSector&rpc=43](http://www.reuters.com/article/2013/06/07/usa-gasoline-midwest-idUSL1N0EJ1MA20130607?feedType=RSS&feedName=cyclicalConsumerGoodsSector&rpc=43)

### **Phillips 66 Reports Equipment Leak near Compressor at Its 362,000 b/d Wood River, Illinois Refinery June 10**

Phillips 66 on Monday reported emissions due to an equipment leak in a compressor area at its Wood River, according to filings with the State pollution regulator. Operators reported last week that plant maintenance was underway at the refinery.

Reuters, 04:03 June 10, 2013

### **Marathon Shuts 451,000 b/d Galveston Bay, Texas Refinery Due to FCCU Leak June 7**

Marathon Petroleum Corp. reported a plant-wide shutdown at its Galveston Bay refinery Friday morning after the fluid catalytic cracking unit (FCCU) experienced a leak, according to a filing with the Texas Commission on Environmental Quality. At approximately 2:00 a.m. local time Friday, the main column slurry quench line suddenly sheared apart at a weld seam, releasing slurry, light cycle oil, heavy cycle oil, FCC gasoline, and other components. This caused a liquid release of oil to the ground and concrete, as well as air emissions. Operations immediately attempted to isolate the equipment and began shutdown procedures for the entire plant. Marathon on Monday said that the FCCU and other refinery units that were shut Friday would be brought back online following the completion of repairs.

Reuters, 07:28 June 10, 2013

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=183772>

### **Update: Coker Wet Gas Compressor Trip Leads to Flaring at Flint Hills' 288,468 b/d Corpus Christi, Texas Refinery June 7**

Flint Hills Resources reported that the coker wet gas compressor tripped at the West Plant of its Corpus Christi refinery Friday morning, causing flaring from the coker unit and the coker vapor recovery unit, according to a filing with the Texas Commission on Environmental Quality. Operators had reported flaring due to unspecified operating conditions at the plant on Friday in a filing with local emergency planning coordinators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=183767>

### **Shell Reports SRU Shutdown at Its 145,000 b/d Anacortes, Washington Refinery May 28**

Royal Dutch Shell reported it shut the No. 3 sulfur recovery unit (SRU) at its Anacortes refinery on May 28 to replace the amine in the unit, according to a filing with Northwest Clean Air Agency.

Reuters, 13:16 June 7, 2013

### **Tesoro Reports Diesel Generator Startup at Its 120,000 b/d Anacortes, Washington Refinery June 1**

Tesoro Corp. reported the startup of a temporary diesel generator at its Anacortes refinery on June 1, according to a filing with the Northwest Clean Air Agency.

Reuters, 13:03 June 7, 2013

### **Phillips 66 Reports Unplanned Flaring at Its 139,000 b/d Wilmington, California Refinery June 7**

Phillips 66 reported unplanned flaring at its Wilmington refinery began Friday morning and continued until late Saturday night, according to a filing the South Coast Air Quality Management District.

Reuters, 18:19 June 7, 2013

### **Philadelphia Energy Restarts UDEX Unit at Its 335,000 b/d Philadelphia, Pennsylvania Refinery after Repairs June 5**

Philadelphia Energy Solutions restarted a UDEX unit following repairs at the Girard Point section of its Philadelphia refinery on June 5. Operators had shut the unit on June 1 for scheduled repairs.

Reuters, 17:21 June 7, 2013

### **Enterprise Reports Small Crude Oil Pipeline Leak at Its Freeport Marine Terminal in Texas June 9**

Enterprise Products Partners L.P. reported two barrels of crude oil leaked from an underground pipeline at the Freeport Marine Terminal in Texas Sunday afternoon, according to a filing with the U.S. National Response Center. Operators were isolating pipeline and working to identify the source of the leak. The filing does not identify the affected pipeline, but Enterprise operates the 400,000 b/d Seaway crude oil pipeline system between Cushing, Oklahoma and the Freeport area.

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1049797](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1049797)

### **Apache Shuts Pipeline after Oil Leaks into the Gulf of Mexico Offshore Louisiana June 9**

Apache Corp. said it shut a pipeline after an unknown type of oil discharged from the pipeline into the Gulf of Mexico near Eugene Island in Louisiana Sunday morning, according to a filing with the U.S. National Response Center. Operators said the exact cause of the leak was under investigation.

Reuters, 00:18 June 10, 2013

[http://www.nrc.uscg.mil/reports/rwservlet?standard\\_web+inc\\_seq=1049788](http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1049788)

## **Update: FERC Says Enbridge Can Reject Oil Delivered to Its Berthold Rail Terminal with High Hydrogen Sulfide Content**

The U.S. Federal Energy Regulatory Commission (FERC) on Thursday ruled Enbridge Energy Partners is allowed to limit the amount of hydrogen sulfide in crude oil delivered to a rail terminal in North Dakota. Enbridge had on May 8 filed a request to limit the amount of hydrogen sulfide delivered to its 80,000 b/d oil loading rail terminal in Berthold to 5 parts per million (ppm) after it found extremely high levels of the gas in one of its storage tanks 3 days earlier. Plains All American, Murex Petroleum Corp, Hess Corp., and Marathon Oil Corp. had each filed motions to intervene in Enbridge's request, arguing that other pipeline companies set a limit of 10 ppm.

<http://www.reuters.com/article/2013/06/07/enbridge-bakken-sulfide-idUSL1N0EJ0SS20130607?feedType=RSS&feedName=governmentFilingsNews&rpc=43>  
<http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=13276168>

## **Tesoro Agrees to \$1.1MM Penalty for Clean Air Act Violations at Four Refineries**

Tesoro will pay \$1.1 million in civil penalties in a settlement with the U.S. Environmental Protection Agency (EPA) because of fuel regulation violations under the Clean Air Act at four of its refineries: Salt Lake City, Utah; Mandan, North Dakota; Anacortes, Washington; and Kenai, Alaska. The EPA's fuel regulations require that all fuel produced, imported, and sold in the United States meet certain standards to help control pollution cause by emissions. The violations at issue in the case reflected a need for better management of data recording, record keeping, and reporting, laboratory practices, and sampling and testing protocols.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=39682](http://www.downstreamtoday.com/news/article.aspx?a_id=39682)

## **Natural Gas**

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### **Activist Pleads Guilty to Attempting to Destroy an Atmos Energy Natural Gas Pipeline in Texas in 2012**

Anson Chi plead guilty last week in U.S. District Court to maliciously attempting to destroy an Atmos Energy natural gas pipeline in Plano, Texas last year. Chi detonated a homemade bomb at a natural gas regulator station in June 2012.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=39729](http://www.downstreamtoday.com/news/article.aspx?a_id=39729)

### **Tennessee Gas Pipeline Declares Force Majeure at Edinburg Station in Texas for Compressor Repairs**

Kinder Morgan Energy Partners' Tennessee Gas Pipeline Company, LLC on Friday morning declared Force Majeure at Station 409B – Edinburg while operators mobilized to take the station offline on Tuesday, June 11, for repairs due to excessive compressor packing blow-by. The outage is expected to last 2 days and could result in potential restrictions through a pro-rate portion of nominations at 409A-101 Donna Lateral effective Tuesday. Anticipated impact is 125 MMcf/d to current scheduled volumes. The nearly 14,000-mile Tennessee Gas pipeline system transports gas from Louisiana, the Gulf of Mexico, and parts of Texas to markets in the Northeast.

<http://tebb.elpaso.com/Notices/NoticesAutoQuery.aspx?code=TGP>  
<http://www.reuters.com/article/2013/06/07/energy-kindermorgan-tennessee-gas-idUSL1N0EJ1PY20130607?feedType=RSS&feedName=marketsNews&rpc=43>

### **Update: Williams Partners Places 225 MMcf/d Mid-South Expansion of Its Transco Natural Gas Pipeline into Service by June 10**

Williams Partners announced today a major expansion of its Transco natural gas pipeline was completed and brought into service, providing an additional 225 MMcf/d of incremental firm natural gas transportation capacity to growing markets in the southeastern United States. The Mid-South Expansion project provides service to power generators in North Carolina and Alabama as well as a local distribution company in Georgia. The company placed into service the first phase of the expansion (95,000 MMcf/d) in the fall of 2012 and recently placed into service the second phase of the expansion (130,000 MMcf/d). The Mid-South Expansion project consists of approximately 23 miles of new pipeline, a new compressor facility in Dallas County, Alabama, and upgrades to existing compressor facilities in Alabama, Georgia, South Carolina, and North Carolina. Transco is a 10,200-mile pipeline system that transports natural gas to markets throughout the northeastern and southeastern United States.

<http://www.williamsjp.com/profiles/investor/ResLibraryView.asp?ResLibraryID=63195&GoTopage=1&Category=1800&BzID=1296&G=345>

## **Update: FERC Denies Further Time Extension for Proposed 12 Bcf Windy Hill Natural Gas Storage Project in Colorado**

The U.S. Federal Energy Regulatory Commission (FERC) late last month declined to give Windy Hill Gas Storage LLC another 3-year extension, until May 19, 2016, to complete construction and make available for service it previously approved natural gas storage project in Colorado. Windy Hill first received FERC authorization to build and operate a 12 Bcf storage facility in Morgan County in May 2006. The authorization order gave the company 4 years to put the facility in service. Windy Hill started some well drilling and road construction in 2007, but in March 2008, it suspended all project construction work. In May 2010, the company received a 3-year extension, until May 19, 2013, to complete the project. FERC observed that no further construction activity, other than maintenance of erosion control devices and well monitoring, had occurred since 2008. Windy Hill had also planned to build a 3.5-mile, 16-inch lateral that would have connected the facility to the Cheyenne Plains Gas Pipeline Co. distribution system and a 10.4-mile, 16-inch lateral that would have connected to Colorado Interstate Gas Co. and Public Service Co. of Colorado distribution system.

[http://elibrary.ferc.gov/idmws/doc\\_info.asp?document\\_id=14117515](http://elibrary.ferc.gov/idmws/doc_info.asp?document_id=14117515)

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=39679](http://www.downstreamtoday.com/news/article.aspx?a_id=39679)

## **Update: Pieridae Announces Agreement to Deliver LNG from Its Proposed Goldboro Export Project in Nova Scotia to E.ON in Western Europe**

Pieridae Energy Canada Ltd. on June 3 announced that it has entered into a long-term sales agreement with E.ON Global Commodities SE, a subsidiary of E.ON SE, for the purchase of liquefied natural gas (LNG) from Pieridae's proposed Goldboro LNG project in Nova Scotia, Canada. Pieridae has proposed building a natural gas liquefaction plant and facilities for the storage and export of LNG, including a marine jetty for loading. Pending all necessary approvals, the facility would receive, liquefy, and export up to about 10 million tons per annum (mtpa) of natural gas and have onsite storage capacity of 690,000 cubic meters of LNG. Under the agreement, Pieridae will deliver approximately 5 mtpa of LNG to E.ON for 20 years into a number of locations in Western Europe. A Pieridae official said the company's agreement with E.ON provides the economic security needed to complete the development of the first process train of the Goldboro LNG terminal. Pieridae aims to commence commercial operations in 2020. The company is currently conducting an environmental assessment (EA) for the project, which it plans to submit to the provincial government this year. An approved EA would be the next major milestone towards a final investment decision expected in 2015. If a decision is made to proceed, construction could begin in late 2015.

[http://pieridaenergy.com/wp-content/uploads/2013/06/Pieridae\\_EON-agreement-Press-Release\\_FINAL.pdf](http://pieridaenergy.com/wp-content/uploads/2013/06/Pieridae_EON-agreement-Press-Release_FINAL.pdf)

## **Other News**

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Nothing to report.

## **International News**

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### **Sudan Threatens to Halt South Sudan Oil Exports within 60 Days Citing Support for Rebels**

Sudan on Sunday threatened to halt South Sudanese oil exports within 60 days unless the neighboring state ends support for rebel groups opposed to President Umar al-Bashir's rule. Sudanese Information Minister Ahmed Bilal Osman said his government has evidence that South Sudan is backing renegade fighters. Sudan may reverse its decision if South Sudan stops supporting rebels, the minister said. South Sudan restarted production in March after a shutdown of more than a year due to a dispute over transit fees that halted the flow of 350,000 b/d since January 2012.

<http://www.platts.com/RSSFeedDetailedNews/RSSFeed/Oil/26007839>

<http://www.reuters.com/article/2013/06/09/sudan-south-sudan-oil-shut-idUSL3N0EL0C420130609>

### **Iraq Averts Bomb Attack at 150,000 b/d Bai Hassan Oilfield in Northern Iraq June 10**

Iraqi police defused bombs planted at two oil wells near the northern city of Kirkuk on Monday, according to security and oil sources, who said exports to the Ceyhan port in Turkey were not affected. The bombs were discovered near two wells producing crude from the Bai Hassan oilfield, which is currently pumping around 150,000 b/d, officials at state-run North Oil Company said.

<http://www.trust.org/item/20130610121413-n0yfe/?source%20=%20hpbreaking>

## Eni to Cut Iraq's Zubair Oilfield Output Target by 400,000 b/d Due to Logistical Bottlenecks, Weak Infrastructure

The Iraqi authorities and Italy's Eni SpA have agreed to cut the final production target for the Zubair oilfield in southern Iraq to 850,000 b/d instead of the original target of 1.25 MMb/d, Iraq's Oil Minister said Thursday. Eni has agreed to maintain the new level of production for 15 to 20 years, he added. Logistical bottlenecks, weak infrastructure—including lack of water-injection systems used to drive more oil out of reservoirs—and delays in approving subcontracts by the government have eroded original production targets.

[http://www.rigzone.com/Iraq\\_Oil\\_Minister\\_Agreed\\_with\\_Eni\\_to\\_Cut\\_Zubair\\_Output\\_Target](http://www.rigzone.com/Iraq_Oil_Minister_Agreed_with_Eni_to_Cut_Zubair_Output_Target)

## Libya's El Feel Oilfield Shuts for Hours June 6 Due to Protests

Libya's El Feel oilfield was forced to shut for a few hours on Thursday as a result of a protest, a delegate for Libya said at a meeting of the Organization of Petroleum Exporting Countries (OPEC) Friday. The El Feel field is a joint venture between Libya's National Oil Company and Italy's Eni SpA.

[http://www.rigzone.com/news/oil\\_gas/a/126816/Libyan\\_Oil\\_Field\\_Closes\\_After\\_Protest](http://www.rigzone.com/news/oil_gas/a/126816/Libyan_Oil_Field_Closes_After_Protest)

## Libya to Raise Oil Production to 1.7 MMb/d – Oil Minister

Libya was considering asking to increase its production quota within the Organization of Petroleum Exporting Countries (OPEC) during the group's meeting in Vienna on Friday, Oil Minister Abdelbari al-Arusi said last Thursday. The country is currently producing around 1.5 MMb/d of crude oil, and it plans to raise output to 1.7 MMb/d, al-Arusi said, without specifying when this would happen.

[http://www.rigzone.com/news/oil\\_gas/a/126809/Libya\\_to\\_Raise\\_Oil\\_Production\\_to\\_17M\\_Barrels\\_per\\_Day](http://www.rigzone.com/news/oil_gas/a/126809/Libya_to_Raise_Oil_Production_to_17M_Barrels_per_Day)

## Energy Prices

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U.S. Oil and Gas Prices			
June 10, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	95.74	93.43	82.93
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.79	4.02	2.33

Source: Reuters

## Links

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***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](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>

*Please direct comments and questions to: [ead@oe.netl.doe.gov](mailto:ead@oe.netl.doe.gov)*