



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

ENERGY ASSURANCE DAILY

Tuesday Evening, April 21, 2009

Electricity

FPL's 839 MW Saint Lucie Nuke Unit 2 in Florida Reduced to 85 Percent by April 21

The Nuclear Regulatory Commission reported that on the morning of April 20 the unit was operating at full power. Information derived from the NRC Power Reactor Status Reports:

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

Calpine's 525 MW Sutter Power Plant Gas-fired Unit in California Reduced by April 20

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 275 MW by April 20.

<http://www.caiso.com/unitstatus/data/unitstatus200904201515.html>

Mirant's 312 MW Pittsburg Gas-fired Unit 5 in California Reduced by April 20

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 247 MW by April 20.

<http://www.caiso.com/unitstatus/data/unitstatus200904201515.html>

AES's 179 MW Redondo Gas-fired Unit 5 in California Shut by April 20

According to the California Independent System Operator, the unit experienced an unplanned outage by April 20.

<http://www.caiso.com/unitstatus/data/unitstatus200904201515.html>

AES's 175 MW Redondo Gas-fired Unit 6 in California Shut by April 20

According to the California Independent System Operator, the unit experienced an unplanned outage by April 20.

<http://www.caiso.com/unitstatus/data/unitstatus200904201515.html>

After Refueling, Control Rod Snag Keeps Offline FPL's 760 MW Turkey Point Nuke Unit 3 in Florida

Operators discovered a "mechanical issue with the control rod drive mechanism" while attempting to restart Turkey Point Unit 3 from a refueling outage, a company spokesman said. A news source did not indicate when the unit might return to service.

<http://www.miamiherald.com/business/story/1004815.html>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: Dominion's 511 MW Kewaunee Nuke Unit in Wisconsin Ramped Up to 96 Percent by April 21

The unit went offline by April 17 due to an instrumentation issue. The Nuclear Regulatory Commission reported that on the morning of April 20 the unit was not operating.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN2145038120090421>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: Luminant to Restart 593 MW Big Brown Coal-fired Unit 2 in Texas April 21

Luminant expected to restart the unit today, April 21, after fixing a boiler tube leak, it said in a filing with state regulators. Operators shut the unit by April 20, according to an earlier filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122990>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=122987>

Reuters, 07:54 April 21, 2009

Reliant's 775 MW Ormond Beach Gas-fired Unit 2 in California Returns to Service by April 20

According to the California Independent System Operator, the unit returned from an unplanned outage by April 20.
<http://www.caiso.com/unitstatus/data/unitstatus200904201515.html>

Duke's 150 MW Southbay Gas-fired Unit 2 in California Ramps up by April 20

According to the California Independent System Operator, the unit ramped up from an unplanned curtailment of 120 MW by April 20.

<http://www.caiso.com/unitstatus/data/unitstatus200904201515.html>

Enmax's 250 MW Calgary Gas-fired Unit in Alberta Shut by April 20

Reuters, 20:51 April 20, 2009

Update: OPG Restarts 535 MW Lennox Oil-and-Gas-fired Unit 3 in Ontario by April 21

The unit went offline by March 5.

Reuters, 08:29 April 21, 2009

Update: TransAlta Restarts 399 MW Sundance Coal-fired Unit 3 in Alberta April 20

The unit shut on April 13.

Bloomberg News, 17:08 April 20, 2009

Florida Power and Light, General Electric Seek Federal Funding for “Smart Grid” Plan in Miami, Florida

Should it receive stimulus money, GE plans to give distribute meters within the next two years.

<http://finance.yahoo.com/news/Miami-launching-smart-grid-apf-14976570.html?.v=1>

PSEG to Consider Fourth Nuclear Reactor alongside Salem and Hope Creek Power Plants in New Jersey

Public Service Enterprise Group (PSEG) will consider, in the “longer term,” adding a fourth nuclear unit to its Salem and Hope Creek nuclear power complex, the company’s Chairman and Chief Executive said April 21. The existing facility consists of three nuclear reactors—the 1,170 MW Salem 1, the 1,170 MW Salem 2, and the 1,170 MW Hope Creek. The Hope Creek site was designed to house an additional reactor.

DJN, 13:13 April 21, 2009

Petroleum

Pipeline Leak Slows Marathon’s 226,000 b/d Catlettsburg, Kentucky Refinery April 17

Marathon’s 226,000 b/d Catlettsburg, Kentucky refinery has run at reduced rates since April 17 due to a leak along an associated oil pipeline, the company said today. A leak forced shut the 24-inch Owensboro-to-Catlettsburg pipeline by April 17; operators restarted the line at reduced capacity yesterday, Marathon said. The company did not provide a timetable for full restoration, but said it had “implemented an allocation to customers within the area.”
DJN, 12:21 April 21, 2009

Update: Total Plans Steam Boiler Restart at 232,000 b/d Port Arthur, Texas Refinery April 20—Company Shut Entire Refinery in March, Citing Economic Conditions

Total shut down Port Arthur’s main processing units on March 24 due to “dire” economic conditions. According to a filing with state regulators, Total said it planned to restart a steam boiler yesterday,. A spokeswoman declined to say whether the company expected to restart the entire facility, but did note a more-positive environment at Port Arthur. The company has used the facility-wide shutdown to advance a multi-billion dollar production and processing expansion plan, according to a news source. Total plans to install a 50,000 b/d coking unit, a vacuum distillation unit, and a sulfur recovery unit by 2011.

<http://www.reuters.com/article/rbssEnergyNews/idUSN2041217220090420>

<http://www.kbmt12.com/news/local/43308007.html>

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=123046>

Exxon Mobil Repairs Wet Gas Compressor at 567,000 b/d Baytown, Texas Refinery by April 20

The company shut the wet gas compressor, associated with a gasoline-producing fluid catalytic cracker (FCC), due to a leak on April 19. Operators completed repairs and restarted the unit. The incident did not force offline the associated FCC, or impact customer deliveries, the company said.

Reuters, 15:02 April 20, 2009

Bloomberg News, 14:43 April 20, 2009

Iraq Looks to Restart 300,000 b/d Iraq-to-Syria Oil Pipeline

Iraq is soliciting bids from foreign companies to restore a 300,000 b/d Iraq-to-Syria oil pipeline, an Oil Ministry spokesman said on April 21. U.S. forces bombed the Iraqi side of the line during the 2003 invasion. A Russian company signed a deal to restart the line last year, but did not follow through on its plans, the Iraqi spokesman said. The pipeline stretches to Syria's Baniyas terminal on the Mediterranean Sea.

<http://uk.reuters.com/article/oilRpt/idUKLL9761720090421>

Update: Saudi Aramco Postpones Planned 900,000 b/d Moneefa Offshore Oil Project by at Least Six Months

Saudi Aramco expects to open the 900,000 b/d Moneefa offshore oilfield in 2012, at least six months later than its originally-scheduled mid-2011 opening, industry sources said. The state-oil company put the project under review in November 2008, seeking to renegotiate contracts and account for declining construction costs stemming from changing economic conditions. Aramco expects to break ground on oil processing facilities in January 2010, according to a contractor. The field would be Saudi Arabia's largest-ever offshore oil project. It would not, however, boost the nation's production capacity; instead, it would compensate for declining output elsewhere.

Reuters, 12:35 April 20, 2009

Gunmen Assault Oil Tanker Offshore Nigeria April 21

Gunmen attacked a Total-chartered Turkish oil vessel offshore Nigeria on April 21, kidnapping the captain and an engineer, according to private security sources. The "Ilena Mercan" was en route to the Onne port in southeast Nigeria.

<http://uk.reuters.com/article/oilRpt/idUKLL9194120090421>

Natural Gas

Update: Algonquin Gas Transmission Restarts Hubline Natural Gas Pipeline from Northeast Gateway LNG Terminal Offshore Massachusetts by April 20

Algonquin Gas Transmission restarted its Hubline natural gas pipeline by April 20 after an outage lasting nearly three months, the company said in a notice. The line delivers natural gas from the Northeast Gateway LNG terminal to Algonquin's onshore pipeline system. It had been shut since at least January 14 due to a blockage; Excelsior Energy's Explorer LNG tanker had been anchored at the terminal since that date, awaiting repairs to the line. The tanker was expected to offload approximately 120 MMcf of regasified LNG into the pipeline today.

Reuters, 11:22 April 21, 2009

Bloomberg News, 12:56 April 21, 2009

Maritimes & Northeast Pipeline Requests FERC Approval to Export Natural Gas from United States to Canada

Maritimes & Northeast Pipeline asked the Federal Energy Regulatory Commission (FERC) for approval to export natural gas from the United States to Canada, a news source said. The plan would not involve any new construction. Instead, the company would employ its existing, 833,000 Dth/d cross-border facility. The Maritimes & Northeast pipeline system stretches from Nova Scotia, Canada to the U.S. border, then south through Maine, New Hampshire and Massachusetts.

<http://www.platts.com/Natural%20Gas/News/6271580.xml?p=Natural%20Gas/News&sub=Natural%20Gas>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices April 21, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	46.19	49.93	116.01
NATURAL GAS Henry Hub \$/Million Btu	3.55	3.46	10.08

Source: Reuters

Energy Notes

Substation Problems Knock Out Power to 18,500 Hydro One Customers in Ontario April 21—Company Restores Power to All Customers within Hours

http://www.largenteuil.ca/home.jsp?id=8§ion=news&news_item_id=15170

<http://www.ottawacitizen.com/Blackout+affects+downtown+Ottawa/1518229/story.html>

Equipment Failure Cuts Power to 11,366 PG&E Customers in California April 21—Most Remain without Electricity, as of Latest Report

http://www.montereyherald.com/breaking/ci_12191484

Update: LIPA and Con Edison Form “Wind Collaborative” to Advance Planned 350-to- 750 MW Wind Farm Offshore New York

<http://www.coned.com/newsroom/news/pr20090420.asp>

Minnesota Power Plans 75 MW Bison I Wind Project in North Dakota—to Open First Phase in 2010, Second Phase in 2011

<http://finance.yahoo.com/news/Minnesota-Powers-Wind-bw-14984968.html?.v=1>

Biomass Secure Power, Lower Nicola Indian Band Plans 15 MW Co-Generation Power Plant in British Columbia

MKW, 08:31 April 21, 2009

Update: Exelon Investigating Storage Tank or Piping for Source of Increased Radioactive Tritium Levels at 619 MW Oyster Creek Nuclear Power Station in New Jersey

<http://www.app.com/article/20090418/NEWS03/904180350/1007/NEWS03>

Update: Shell Plans to Explore for Oil Offshore Alaska in 2010 Despite Appeals Court Decision that Current Federal Offshore Leasing Plan is Illegal

Reuters, 20:12 April 20, 2009

Former Employees, Local Residents Sue BP Over Alleged Benzene and Other Chemicals Exposure from 467,720 b/d Texas City, Texas Refinery

<http://www.aboutlawsuits.com/texas-oil-refinery-lawsuit-filed-over-exposure-to-benzene-3596/>

International Maritime Bureau Reports 102 Piracy Incidents Worldwide in First Quarter of 2009, Compared with 61 in Same Period Last Year—Somali Pirates Largely to Blame, Group Says

Reuters, 06:49 April 21, 2009

Update: Somali Pirates Release Stolt Strength Chemical Tanker, Maritime Group Says April 21—Ship Had Been Carrying about 190,000 Barrels of Oil Products When it Was Hijacked in November 2008

Reuters, 03:14 April 21, 2009

Update: PDVSA Delays from May to June Planned Restart of 77,000 b/d Cat Cracker at Cardon Oil Refinery in Venezuela—Company Plans to Expand the Unit by 15 Percent

Reuters, 16:19 April 20, 2009

Iraq Seeks to Increase Production to 25,000 b/d at 8,000 b/d Safwan Dome Oilfield in Kuwait-Iraq Border Zone

http://www.rigzone.com/news/article.asp?a_id=75262

Houston Ship Channel Shuts for 12 Hours as Rescuers Look for Missing Crewman April 20-21

Reuters, 12:07 April 21, 2009

Mexico Shuts, Reopens Dos Bocas Oil Terminal on Weather Conditions in Gulf of Mexico April 20-21

Reuters, 11:27 April 21, 2009

Reuters, 17:22 April 20, 2009

Leak Briefly Shuts AGI Compressor at Waha Gas Plant in Texas April 20

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=123058>

Flaring, Belt Breaks Briefly at Waskom Gas Processing Plant in Texas April 20

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=123060>

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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