



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

ENERGY ASSURANCE DAILY

Thursday Evening, May 24, 2012

Electricity

New York ISO Announces It Has Sufficient Electricity Resources to Meet Summer Demand

The New York Independent System Operator (NYISO) announced today that electricity supplies in New York state should be adequate to meet expected demand this summer. The NYISO forecasts that New York's summer 2012 peak demand will reach 33,295 MW, and the total capacity available is expected to be 43,686 MW, which includes 39,570 MW of existing in-state generation, 2,165 MW of demand response resources, and 1,951 MW of import capability.

http://www.nyiso.com/public/webdocs/newsroom/press_releases/2012/NYISO_New_Yorks_Electric_Grid_is_Prepared_for_Summer_-_05_24_12_-_clean.pdf

Update: Equipment Failure Delays Start-Up Date of AMP's 1,600 MW Prairie State Coal-Fired Plant in Illinois until Year-End 2012

American Municipal Power (AMP) reported the failure of a fan on one of two 800 MW coal-fired units at its jointly owned Prairie State Energy Campus in Marissa, Illinois has delayed the plant's start-up date until the end of 2012, according to a filing with the Municipal Securities Rulemaking Board. The plant was originally scheduled to open late last year and is now several billion dollars over budget. After one of the plant's large fans became damaged on March 27, operators shut the other unit to prevent the chance of a similar problem, AMP said. Operators are still investigating the extent of the damage and its root cause.

<http://www.thedailyreporter.com/news/business/x1898608151/Equipment-failure-may-lead-to-months-of-delays-at-power-plant>

<http://www.dispatch.com/content/stories/business/2012/05/11/equipment-failure-prairie-state-energy.html>

FERC Says Clean Line Energy Can Negotiate Service Agreements for 3,500 MW Rock Island Clean Line Transmission Project in U.S. Midwest

Clean Line Energy Partners announced Wednesday that the U.S. Federal Energy Regulatory Commission (FERC) has approved Rock Island Clean Line LLC to begin negotiating transmission service agreements with potential customers of the Rock Island Clean Line transmission project, likely load serving entities or wind developers. The Rock Island Clean Line is a 500-mile overhead high voltage direct current transmission line that will run from northwest Iowa to an area near Chicago. The project will deliver 3,500 MW of wind energy to communities in Illinois and other states to the east. The project is expected to achieve commercial operation in 2016 or 2017.

http://www.cleanlineenergy.com/sites/cleanline/media/news/FERC_APPROVAL_Release_5_23-2012_FINAL.pdf

Update: RMT Completes Turbine Erection at First Wind's 21 MW Kaheawa Wind Project II in Hawaii

RMT, Inc. completed final turbine erection and energized the electrical system at First Wind's 21 MW Kaheawa Wind Project II (KWP II) in Maui, Hawaii, in early May. RMT is installing 14 GE SE 1.5 MW wind turbines, a 34.5/69-kV substation, 34.5 kV electrical collection system, and interconnection to the 69 kV Maui Electric Company transmission line. KWP II is an expansion of the existing 30 MW Kaheawa Wind farm. When complete in the summer of 2012, the expanded wind farm will have a combined capacity of 51 MW.

http://www.rmtinc.com/utility/press_KWP_II_erection_completion.php

Louisiana PSC Approves Entergy Louisiana's Bid to Join MISO

The Louisiana Public Service Commission (LPSC) on Wednesday unanimously approved a request by Entergy Louisiana and Entergy Gulf States to transfer functional control of their wholesale transmission to the Midwest Independent Transmission System Operator (MISO). The LPSC's decision approves Entergy Louisiana and Entergy Gulf States' membership in MISO pending additional regulatory approvals in other Entergy states. Similar change of control requests are pending in Arkansas, New Orleans, Mississippi, and Texas.

<https://www.midwestiso.org/AboutUs/MediaCenter/PressReleases/Pages/EntergyLAApprovesChanceofCont.aspx>

<http://www.reuters.com/article/2012/05/24/utilities-entergy-miso-idUSL1E8GO1G720120524?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43>

Electrical Malfunction Trips Luminant's 793 MW Martin Lake Coal-Fired Unit 1 in Texas May 23

Luminant reported its Martin Lake Unit 1 tripped while at load Wednesday morning when an electrical malfunction of the generator A phase caused a circuit relay trip, according to a filing with the Texas Commission on Environmental Quality. Operators said the unit would remain down for repairs to the generator.

<http://www11.tceq.state.tx.us/oce/eei/index.cfm?fuseaction=main.getDetails&target=168776>

Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramped Up to 12 Percent by May 24

River Bend nuclear Unit 1 is returning from an outage that began May 21, when the unit automatically scrambled due to a turbine trip/low condenser vacuum.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

Update: TVA's 1,125 MW Sequoyah Nuclear Unit 1 in Tennessee Ramped Up to 75 Percent by May 24

On the morning of May 23 the unit was operating at 20 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2012/>

AES's 225 MW Huntington Beach Gas-Fired Unit 3 in California Reduced by May 23

The unit entered an unplanned curtailment of 133 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201205231515.html>

CDWR's 933 MW Hyatt-Thermalito Hydro Unit in California Reduced by May 23

The unit entered a curtailment of 640 MW due to planned and unplanned causes.

<http://content.caiso.com/unitstatus/data/unitstatus201205231515.html>

Petroleum

Update: BP Agrees to Install New Air Pollution Controls at Its 413,000 b/d Whiting, Indiana Refinery as Part of Its Modernization Project

BP Products North America Inc. announced Wednesday it has agreed to install \$400 million in new air pollution controls at its Whiting, Indiana refinery under a deal with the government and environmental groups. The agreement resolves objections to an air permit the Indiana Department of Environmental Management issued in 2008 for BP's ongoing expansion of the refinery, which is scheduled to open next year. BP's modernization project involves repositioning Whiting to run heavier oil and increase gasoline and diesel production by about 40,000 b/d, according to the refinery's website. It involves a new crude distillation unit, a 100,000 b/d coker, new gas oil hydrotreating and sulfur recovery units, and infrastructure improvements.

<http://finance.yahoo.com/news/us-reaches-pollution-agreement-bp-192755648.html>

http://www.bp.com/liveassets/bp_internet/globalbp/STAGING/global_assets/downloads/A/Whiting_Facility_Fact_Sheet_April2012.pdf

BP Shuts FCCU for Repairs at Its 455,790 b/d Texas City, Texas Refinery May 24

BP Plc on Thursday shut fluid catalytic cracking unit (FCCU) No. 3 at its Texas City refinery for unspecified repairs, according to a filing with the Texas Commission on Environmental Quality. The filing said the shutdown is expected to last until May 27, but sources familiar with refinery operations said Thursday that no restart date has been set for the unit. FCCU No. 3 began restarting Monday after being shut for a 5-month overhaul.

<http://www.reuters.com/article/2012/05/24/refinery-operations-bp-texascity-idUSH5E8E501Q20120524?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=168729>

Update: USW Members at Tesoro's 98,860 b/d Wilmington, California Refinery Approve 3-Year Contract

United Steelworkers (USW) members at Tesoro Corp.'s Wilmington refinery approved a new 3-year contract with the company, the union said on Thursday. The agreement comes after 5 months of negotiations. Wilmington USW members in April voted to authorize a strike if the union couldn't reach an agreement with Tesoro. The company continues to negotiate with USW members at the Martinez refinery in California, who voted yesterday to reject Tesoro's most recent contract offer.

Reuters, 09:24 May 24, 2012

Natural Gas

Canada's NEB Approves TransCanada's Proposed Eastern Mainline Expansion Project May 24

Canada's National Energy Board (NEB) on Tuesday approved TransCanada's proposed Eastern Mainline Expansion project, which is intended to increase capacity on an existing natural gas pipeline and to give bidirectional capability to the system for deliveries to the greater Toronto area and central southern Ontario. In its application to the NEB, TransCanada said the project would help meet shippers' interest in sending U.S. Marcellus shale supplies into Eastern Canada. The project will construct the new 9.8 km Parkway Loop (West Section) in Brampton and the 3.1 km Parkway Loop (East Section) in Vaughan, and it will modify three existing compressor stations and one meter station. Construction is scheduled to start in July for service by the fourth quarter.

<http://www.platts.com/RSSFeedDetailedNews/RSSFeed/NaturalGas/6323383>

Enbridge Reports Repeated AGI Unit Shutdowns at Its Tilden Gas Plant in Texas May 23

Enbridge reported repeated acid gas injector (AGI) unit shutdowns at its Tilden gas plant on Wednesday, according to filings with the Texas Commission on Environmental Quality. AGI Units 1 and 2 went down due to power failure early Wednesday morning, and then twice in the afternoon due to fifth-stage high discharge pressure.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=168749>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=168750>
<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=168834>

Other News

NOAA Predicts a Near-Normal 2012 Atlantic Hurricane Season

The U.S. National Oceanic and Atmospheric Administration (NOAA) announced today that conditions in the atmosphere and the ocean favor a near-normal hurricane season in the Atlantic Basin this season. For the entire 6-month season, which begins June 1, NOAA predicts a 70 percent chance of 9 to 15 named storms (with top winds of 39 mph or higher), of which 4 to 8 will strengthen to a hurricane (with top winds of 74 mph or higher). Of those hurricanes, one to three will become major hurricanes (with top winds of 111 mph or higher, ranking Category 3, 4, or 5). Based on the period 1981–2010, an average season produces 12 named storms with 6 hurricanes, including 3 major hurricanes.

http://www.noaanews.noaa.gov/stories2012/20120524_atlantic_hurricane_season.html

Thieves Steal Copper from a Westar Energy Warehouse in Wichita, Kansas May 19

<http://www.kansas.com/2012/05/20/2342206/thieves-steal-copper-from-westar.html>

International News

Nothing to report

Energy Prices

U.S. Oil and Gas Prices May 24, 2012			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	90.77	92.84	98.64
NATURAL GAS Henry Hub \$/Million Btu	2.60	2.50	4.32

Source: Reuters

Links

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

Updated after 10:30 AM and 1:00 PM Eastern Time every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM Eastern Time every Thursday.

ENERGY ASSURANCE DAILY

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

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