



ENERGY ASSURANCE DAILY

Monday Evening, June 01, 2009

Electricity

Update: Entergy's 979 MW Indian Point Nuke Unit 3 in New York Shut by June 1

On May 30 workers were restarting the unit but had to shut it on May 31 for repairs to the unit's control oil system. The Nuclear Regulatory Commission reported that on the morning of May 31 the unit was operating at 55 percent. Bloomberg News, 10:04 June 1, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

Update: TVA's 1,126 MW Sequoyah Nuke Unit 2 in Tennessee Ramped Up to 81 Percent by June 1

The unit shut on May 27 following a lightning strike that caused a fault in a reactor protection system. The Nuclear Regulatory Commission reported that on the morning of May 31 the unit was operating at 28 percent. Reuters, 07:28 June 1, 2009

Information also derived from the NRC Power Reactor Status Reports:

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

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

Update: Exelon's 855 MW Quad Cities Nuke Unit 1 in Illinois Ramped Up to 19 Percent by May 31

The unit was exiting an outage due to refueling when workers identified a valve problem in the reactor core isolation cooling system and shut the unit on May 24. The Nuclear Regulatory Commission reported that on the morning of May 30 the unit was operating at 1 percent.

<http://www.reuters.com/article/marketsNews/idUSN0139279420090601>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: Constellation's 480 MW Ginna Nuke Unit in New York at Full Power by June 1

The company reduced the unit in mid May due to irregularities in the circulating water system. The Nuclear Regulatory Commission reported that on the morning of May 31 the unit was operating at 50 percent.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN0144898020090601>

Information also derived from the NRC Power Reactor Status Reports:

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

Update: Exelon's 1,022 MW Clinton Nuke Unit in Illinois Ramped Up to 97 Percent by June 1

The Nuclear Regulatory Commission reported that on the morning of May 31 the unit was operating at 30 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Exelon's 850 MW Dresden Nuke Unit 2 in Illinois Ramped Up to 99 Percent by June 1

The Nuclear Regulatory Commission reported that on the morning of May 31 the unit was operating at 70 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: Exelon's 1,111 MW La Salle Nuke Unit 2 in Illinois at Full Power by June 1

The Nuclear Regulatory Commission reported that on the morning of May 31 the unit was operating at 70 percent. Information derived from the NRC Power Reactor Status Reports:

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

Update: Progress Energy's 872 MW Brunswick Nuke Unit 1 in North Carolina at Full Power by May 31

The Nuclear Regulatory Commission reported that on the morning of May 30 the unit was operating at 69 percent. Information derived from the NRC Power Reactor Status Reports:

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

Update: Constellation's 565 MW Nine Mile Point Nuke Unit 1 in New York at Full Power by May 31

The Nuclear Regulatory Commission reported that on the morning of May 30 the unit was operating at 70 percent. Information derived from the NRC Power Reactor Status Reports:

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

Update: Entergy's 966 MW River Bend Nuke Unit 1 in Louisiana at Full Power by May 31

The Nuclear Regulatory Commission reported that on the morning of May 30 the unit was operating at 77 percent. Information derived from the NRC Power Reactor Status Reports:

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

Update: Reliant's 245 MW Coolwater Station Gas-fired Unit 3 in California Returns to Service by May 30

The California Independent System Operator reported the unit returned from an unplanned curtailment of 125 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200905301515.html>

Update: Reliant's 246 MW Coolwater Station Gas-fired Unit 4 in California Returns to Service by May 30

The California Independent System Operator reported the unit returned from an unplanned curtailment of 126 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200905301515.html>

Update: AES's 225 MW Huntington Beach Gas-fired Unit 3 in California Returns to Service May 30

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905301515.html>

Update: Mirant's 206 MW Potrero Unit 3 Gas-fired Unit in California Returns to Service by May 30

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905301515.html>

Cabrillo Power's 300 MW Encina Gas-fired Unit 4 in California Returns to Service by May 31

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905311515.html>

Mirant's 317 MW Pittsburg Gas-fired Unit 6 in California Returns to Service by May 31

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905311515.html>

Update: Calpine's 561 MW Los Medanos Gas-fired Unit in California Returns to Service by May 29

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200905291515.html>

Update: Duke Energy's 510 MW Moss Landing Gas-fired Unit 2 in California Returns to Service by May 29

According to the California Independent System Operator, the unit returned from an unplanned curtailment of 260 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200905291515.html>

Update: ERCOT Trims 2009 Summer Peak Forecast on Low Demand

The Electric Reliability Council of Texas (ERCOT) on May 29 trimmed its forecast for power consumption in summer 2009 as the state's power reserve margin is forecast to be at 17 percent, well above the target of 12.5 percent. ERCOT expects peak summer demand of 63,491 MW, down 4.2 percent from the December 2008 forecast. A representative with ERCOT said the summer demand forecast was lowered because of the current economic downturn.

http://www.ercot.com/news/press_releases/2009/nr05-29-09

Update: Delmarva Postpones Portion of Planned 500-kV Mid-Atlantic Power Pathway Transmission Line Project Citing Low Demand Caused by Economic Conditions

Delmarva announced that it will postpone the Delaware to Indian River, Virginia portion of its Mid-Atlantic Power Pathway transmission line based on recommendations from PJM Interconnection. The regional grid operator recommended the delay due to the decrease in power demand caused by the economic recession. Delmarva reports it will continue with a 150-mile portion of the line which is to run from northern Virginia through southern Maryland across the Chesapeake Bay.

<http://www.delmarvanow.com/apps/pbcs.dll/article?AID=200990528009>

Update: U.S District Court Ruling Accelerates Timetable for Duke Energy to Shutdown Three Units Totaling 265 MW at its Wabash River Plant in Indiana

Judge McKinney issued May 29 a ruling in U.S. District Court for the Southern District of Indiana calling for Duke Energy to shut down three units at the company's West Terre Haute Wabash River Station no later than Sept. 30, 2009. Following a 2008 jury decision regarding emissions from the plant, Duke had proposed shutting the units in 2012. The units affected by the ruling are 2, 3 and 5 which will remove a combined capacity of 265 MW.

<http://www.duke-energy.com/news/releases/2009052901.asp>

LS Power Plans to Build 780 MW Gas-Fired Power Plant in Missouri

The proposed site is near Minnesota's largest substation as well as two 24-inch-diameter natural gas pipelines. The company said it plans to seek permits for the project in the next couple of months.

<http://www.platts.com/Electric%20Power/News/6362635.xml?p=Electric%20Power/News&sub=Electric%20Power>

President Obama Creates Cybersecurity Chief to Oversee Range of Government Cybersecurity Efforts – Strengthening Electric Grid Among Duties

President Obama created on May 29 a new position within the White House that would oversee a range of government cybersecurity efforts. Among the duties of the new position is to strengthen the nation's electric grid from cyber attacks, coordinate efforts among agencies to deal with vulnerabilities, and to mitigate threats to American cyber infrastructure, including the military.

<http://www.platts.com/Electric%20Power/News/6362639.xml?p=Electric%20Power/News&sub=Electric%20Power>

NRG and United Illuminating Company's GenConn Energy Breaks Ground on 200 MW Peaking Power Plant in Connecticut May 29

GenConn Energy, a joint venture between NRG Energy and The United Illuminating Company, officially broke ground on a new 200 MW peaking power plant at NRG's Devon site in Milford, Connecticut. The new facility is scheduled to be in operation by June 1, 2010.

<http://phx.corporate-ir.net/External.File?item=UGFyZW50SUQ9NzIzMxMDA4GlsZEIEPS0xFR5cGU9Mw==&t=1>

Vandalism Reported at Penelec Radio Tower in Pennsylvania May 27, Sabotage Suspected

The Pennsylvania Electric Company (Penelec) reported damage to a radio tower and other electrical equipment in Clearfield County, Pennsylvania late May 27. Company employees responded quickly preventing lengthy power outages for customers. The company believes the act was a result of suspected sabotage and the Pennsylvania State Police are investigating.

<http://www.sunherald.com/454/story/1377006.html>

Petroleum

Tank Fire Reported at Pemex's 330,000 b/d Salina Cruz Refinery in Mexico June 1

Mexico's state oil company Pemex reported a fire within a gasoline storage tank at its refinery in Salina Cruz on the morning of June 1. The company said it contained the blaze within fifteen minutes and the refinery remained unaffected by the fire.

Reuters, 13:08 June 1, 2009

Motiva's 236,400 b/d Norco, Louisiana Refinery Operating at Reduced Rates May 29

Motiva Enterprises said its Norco refinery is operating at slightly reduced rates while a unit is shut for maintenance. A company representative declined to identify which unit was shut.

Reuters, 16:08 May 29, 2009

Update: Feed Rate on Coking Unit Cut at Shell's 329,800 b/d Deer Park, Texas Refinery May 28

According to a filing with state regulators, a coking unit's feed rate was cut May 28 following a malfunction in the coker's wet gas scrubber. The wet gas scrubber went off-line due to a failure in a constant voltage transformer.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124874>

Reuters, 18:33 May 29, 2009

Power Disruption to Alkylation Unit Reported at Delek's 58,000 b/d Tyler, Texas Refinery May 30

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124881>

Bloomberg news 21:36 May 31, 2009

Process Upset Reported at Houston Refining's 270,600 b/d Houston, Texas Refinery May 29

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=124877>

Bloomberg News, 21:14 May 31, 2009

SRU Shut at Murphy's 35,000 b/d Superior Wisconsin, Refinery May 28

In a filing to state regulators, Murphy Oil reported a shut sulfur recovery unit (SRU) at its refinery in Wisconsin.

Bloomberg News, 16:51 May 29, 2009

Natural Gas

Number of Drilling Rigs Operating in U.S. Drops to 6-1/2-Year Low

According to a report issued by oil services firm Baker Hughes, the number of natural gas drilling rigs operating in the U.S. fell by 8 this week to a total of 703, the lowest level since November 2002. Analysts and traders attribute the decline to tight credit and the recession that has also cut demand.

Reuters, 13:13 May 29, 2009

Gas Pipeline Break Prompts Neighborhood Evacuation in Oceana County, Michigan May 31

According to county officials, a neighborhood was evacuated in Oceana, Michigan on May 31 when a gas pipeline break was reported. No explosions and no injuries were reported. The natural gas pipe was shut off and once the repairs were completed, the residents were able to return to their homes.

<http://www.9and10news.com/category/story/?id=155128>

Other News

Global Economic Recession, Weak Demand Eases Concerns as 2009 Hurricane Season Approaches

Analysts are predicting that the 2009 Atlantic Hurricane Season, which begins today and lasts through November 30, will not have as much of an impact on the energy marketplace as has been the case in the recent past. The global drop in demand for petroleum products and natural gas will lessen the impact that storms might have on markets throughout this 2009 hurricane season.

http://www.rigzone.com/news/article.asp?a_id=76657

Current State Oil and Gas Regulations Adequately Protect Water Resources, Ground Water Protection Council Reports

A recent report by the national association the Ground Water Protection Council (GWPC) concludes that current state oil and gas regulations, are adequately designed to protect water resources. The GWPC is a national association of state ground water and underground injection control agencies.

[http://www.gwpc.org/e-](http://www.gwpc.org/e-library/documents/general/GWPC%20Press%20Release%20Oil%20and%20Gas%20Report.doc)

[library/documents/general/GWPC%20Press%20Release%20Oil%20and%20Gas%20Report.doc](http://www.gwpc.org/e-library/documents/general/GWPC%20Press%20Release%20Oil%20and%20Gas%20Report.doc)

Denbury Resources Announces Plans to Build a 24-inch, 320-mile Pipeline from Louisiana to Texas to Transport Natural and Man-Made Carbon Dioxide

Denbury Onshore announced plans to install a 24-inch pipeline from Donaldsonville, Louisiana to the Hastings Field, south of Houston, Texas. The approximately 320-mile pipeline is designed to transport both natural and man-made carbon dioxide (CO₂). The CO₂ will be injected into oil reservoirs to recover additional crude oil. The pipeline is expected to be completed by 2010.

<http://www.denbury.com/greenpipelineproject.htm>

Energy Prices

U.S. Oil and Gas Prices			
June 1, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	67.82	60.35	127.37
NATURAL GAS Henry Hub \$/Million Btu	3.92	3.77	11.81

Source: Reuters

Energy Notes

Vermont Electric Power Company Gets Initial Approval from State of Vermont for 345-kV Southern Loop Transmission Line May 29

http://www.reformer.com/ci_12457376?source=most_emailed

Car Crash Downs Power Line, Cutting Electricity to 13,000 Progress Energy in Florida May 30

<http://www.wftv.com/news/19611795/detail.html>

Substation Malfunction Leaves 10,000 Pacific Power Customers without Power in Oregon May 29

http://www.democratherald.com/articles/2009/05/30/news/local/2loc03_safetylog053009.txt

Update: Force Majeure Declared by Colorado Interstate Pipeline Reducing Flow from 218 MMcf/d to 200 MMcf/d to Continue through July 30, 2009

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CIG&sSubCategory=Critical&sNoticeId=7735>

Director of New Orleans Office of Homeland Security and Emergency Preparedness Says ‘New Orleans is Ready’ for 2009 Hurricane Season

<http://www.wvl.com/New-Orleans-is-ready-to-evacuate/4508691>

NASA, FPL Celebrate Opening of FPL’s 10 MW Solar Photovoltaic Space Coast Next Generation Solar Energy Center Located On-site of Kennedy Space Center in Florida

http://www.electricenseyonline.com/?page=show_news&id=112464

Equipment Malfunction Reported at ExxonMobil’s 150,000 b/d Torrance, California Refinery May 30 – Operations Normal Post-Upset Company Representative Says

Reuters, 19:18 May 31, 2009

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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