



ENERGY ASSURANCE DAILY

Wednesday Evening, May 22, 2013

Electricity

New York ISO Says Sufficient Resources Available to Meet Expected Summer Demand Statewide

The New York Independent System Operator (NYISO) reported today that electricity supplies in New York state are expected to be adequate to meet forecasted demand this summer. While the retirement of several power plants has decreased the total supply, the grid operator has sufficient statewide generating capacity and other resources to address expected peak usage. The NYISO forecasts that New York's summer 2013 peak demand will reach 33,279 MW. In 2013, the standard for resource adequacy requires that 38,936 MW be available to serve New York, a reserve margin of 17 percent above the summer peak demand forecast. The total capacity available to New York in 2013 is expected to be 41,452 MW, which includes 37,925 MW of existing in-state generation, 1,558 MW of demand response resources (programs under which consumers reduce usage), and 1,969 MW of import capability that could be used to supply energy from neighboring regions to New York. The resources available in 2013 are about 2,220 MW below last year's total. The retirement of power plants with nearly 1,700 MW of summer generating capability is the largest factor in the decline of available power resources.

http://www.nyiso.com/public/webdocs/media_room/press_releases/2013/NYISO.pdf

Update: OG&E Working with Mutual Assistance Crews to Restore Power in Oklahoma after Tornado; More Than 9,000 OG&E Customers Remain Without Power May 22

Crews from Texas and Louisiana began arriving in Moore, Oklahoma and surrounding areas on Tuesday to assist Oklahoma Gas & Electric (OG&E) workers launching a major effort to restore poles, lines, meters, and transformers destroyed in Monday's tornado. Monday's devastating 2-mile wide tornado cut power to 38,000 customers in the area. As of 4:00 p.m. EDT today, 9,025 OG&E customers remained without power, including 7,645 customers in Moore. Crews from CenterPoint Energy, Xcel Energy, and Cleco Power were assisting in restoration efforts. OG&E has not estimated when it expects full restoration for customers in the tornado-affected area, a spokeswoman said. Many customers won't be able to accept power due to structural damage, but the utility was working to restore power to customers than can accept it.

<http://public.oge.com/systemwatch/SystemWatch.swf?startMapID=1>

<http://journalrecord.com/2013/05/21/oge-gets-moore-help-from-texas-power-companies-energy/#ixzz2U1zHWufa>

Storms Cut Power to 10,000 SWEPCO and 11,000 Oncor Customers in Louisiana and Texas May 21

Storms sweeping through Louisiana and Texas Tuesday evening knocked out power to more than 10,000 Southwestern Electric Power Company (SWEPCO) customers in both States and roughly 11,000 Oncor customers in Texas, according to local media reports. As of 4:00 p.m. EDT today, SWEPCO reported 2,499 of its customers in Louisiana and Texas remained without power, and Oncor reported 1,962 of its customers in Texas remained without power.

<https://www.swepco.com/outages/>

<http://stormcenter.oncor.com/default.html>

<http://www.ksla.com/story/22379921/swepco-storms-leave-20000-without-power-in-arklatex>

<http://www.tylerpaper.com/article/20130521/NEWS08/130529956/0/NEWS>

Update: FPL's 693 MW Turkey Point Nuclear Unit 3 in Florida Ramped Up to 93 Percent by May 22

Turkey Point 3 is returning from an outage that began by May 11.

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

Update: Entergy Says Water Tank Repairs at Its Palisades Nuclear Power Plant in Michigan Will Continue Until Early Summer

Entergy Corp. on Monday said repairs to fix a tank leak at its Palisades nuclear power plant will take until early summer to complete. Operators shut the plant May 5 after discovering excessive water leakage from the safety injection refueling water tank. Entergy believes a small crack along a nozzle weld in the tank caused the leak, and workers are replacing the tank bottom and subflooring.

<http://finance.yahoo.com/news/palisades-water-tank-repairs-early-152450315.html>

http://www.mlive.com/news/kalamazoo/index.ssf/2013/05/palisades_to_replace_bottom_of.html

Update: NRC Begins Special Inspection at Duke Energy's Harris Nuclear Power Plant in North Carolina Due to Crack on Vessel Head Nozzle

The U.S. Nuclear Regulatory Commission (NRC) today announced it is launching a special inspection at Duke Energy's Harris nuclear power plant to assess the circumstances surrounding the discovery of a quarter-inch flaw on the plant's reactor vessel head. The plant was shut down on May 15 when further analysis of ultrasonic data gathered during an earlier refueling outage revealed an irregularity about 0.26 inches long near a nozzle on the vessel head. The flaw did not penetrate the vessel head wall and there was no evidence of leakage. Duke Energy has begun the repair process.

<http://www.nrc.gov/reading-rm/doc-collections/news/2013/13-039.ii.pdf>

Constellation Shuts 835 MW Calvert Cliffs Nuclear Unit 2 in Maryland May 21 Due to Steam Generator Feed Pump Malfunction

Constellation manually tripped its Calvert Cliffs Unit 2 reactor from full power on Tuesday morning after the No. 22 steam generator feed pump exhibited high vibrations and signs of coupling damage, according to a filing with the U.S. Nuclear Regulatory Commission. All safety functions responded as expected. The reactor's current steam generator level is being maintained with the remaining feed pump. There was no effect on Unit 1.

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

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130522en.html>

Update: Dominion's 917 MW North Anna Nuclear Unit 2 in Virginia Restarts, Ramps Up to 30 Percent by May 22

North Anna 2 is returning from an outage that began by May 10, when operators manually shut the unit after detecting greater-than-normal vibrations in part of the mechanism used to start the reactor. Operators had been in the process of restarting the unit following a scheduled refueling outage when they were forced to shut the unit due to the exciter vibrations. On the morning of May 21 the unit was not operating.

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

NRG Energy to Shutter 352 MW Norwalk Harbor Oil-Fired Power Plant in Connecticut by June 1 Due to Poor Economics

NRG Energy on Tuesday said it will shut its 352 MW Norwalk Harbor plant at the end of the month due to poor economics. The Norwalk facility has two oil-fired units totaling 335 MW, and a 17 MW combustion turbine that also runs on oil. Low capacity prices in the New England wholesale power market and the sustained low price of natural gas led to the company's decision, an NRG spokesman said. The station will be deactivated effective June 1.

<http://www.reuters.com/article/2013/05/21/utilities-nrg-norwalk->

[idUSL2N0E22F120130521?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43](http://www.reuters.com/article/2013/05/21/utilities-nrg-norwalk-idUSL2N0E22F120130521?type=companyNews&feedType=RSS&feedName=companyNews&rpc=43)

Petroleum

Update: Canadian Pacific Reopens Rail Line After Tanker Train Derailment in Saskatchewan; Accident Spilled 545 Barrels of Oil

Canadian Pacific Railway Ltd. on Wednesday said it has repaired and reopened the line near Jansen, Saskatchewan, where five tankers containing Western Canadian crude oil derailed on Tuesday morning, spilling 545 barrels of oil. The line reopened late Tuesday night. An investigation continues into the cause of the accident, the largest of three oil spills for the company in 2 months. Reuters, 10:59 May 22, 2013

http://www.upi.com/Business_News/Energy-Resources/2013/05/22/Oil-spilled-in-Canadian-train-derailment/UPI-67141369217673/?spt=hs&or=er

FCCU Returning to Planned Rates at Valero's 83,000 b/d Houston, Texas Refinery May 22 after Unspecified Issue Leads to Flaring May 21

Valero Energy Corp. said the fluid catalytic cracking unit (FCCU) at its Houston refinery was returning to planned rates Wednesday after an unspecified issue with the unit resulted in flaring on Tuesday. The incident had no material impact to production.

Reuters, 09:46 May 22, 2013

Western Says FCCU at Its 122,000 b/d El Paso, Texas Refinery Running at Planned Rates by May 21

Western Refining Inc. on Tuesday said the fluid catalytic cracking unit (FCCU) at its El Paso refinery was running at planned rates. Energy industry intelligence service Genscape had reported a shutdown Sunday.

Reuters, 15:24 May 21, 2013

Suncor Reports Process Upset at Its 140,000 b/d Edmonton, Alberta Refinery May 21

Suncor Energy Inc. reported a process upset at its 140,000 b/d Edmonton refinery late Tuesday while restarting operations after planned maintenance, according to a message on a community information line.

Reuters, 00:35 May 22, 2013

Natural Gas

Update: Southern Star Says 35 MMcf/d of Natural Gas Supply Shut-In Due to Tornado Damage in Oklahoma

Southern Star Central Gas Pipeline Inc. on Tuesday reported about 35 MMcf/d of natural gas supply was shut-in due to pipeline damage caused by the devastating tornado that struck near Oklahoma City on Monday. The company late Monday declared force majeure on the Line 340 segment of its interstate natural gas pipeline near Cement, Oklahoma after the tornado caused the pipeline to break away from its braces on a bridge in the area. The nearly 6,000-mile Southern Star Central Gas Pipeline system spans the Midwest and mid-Continent, including parts of Kansas, Oklahoma, Missouri, Wyoming, Colorado, Texas, and Nebraska. The 2.4 Bcf/d line interconnects with 23 pipelines.

Reuters, 17:37 May 21, 2013

Alliance Pipeline Returns Fairmount Natural Gas Compressor Station to Service in North Dakota by May 21 after Shutdown for Unplanned Work May 20

Alliance Pipeline LP on Tuesday said it was restoring normal operations at its Fairmount natural gas compression station in North Dakota after resolving a mechanical issue that had forced operators to shut a unit for unplanned work on Monday. Operators had reduced system throughput to 5 percent on Monday due to the work. The 2,311-mile Alliance Pipeline system stretches from the Western Canadian Sedimentary Basin and the Williston Basin to Chicago, delivering about 1.6 Bcf/d of supply.

Reuters, 16:23 May 21, 2013

<http://info.alliance-pipeline.com/ips-ui/AppController?id=200949262>

<http://info.alliance-pipeline.com/ips-ui/AppController?id=200948469>

Electrical Work Causes West Plant Shutdown at DCP Midstream's 160 MMcf/d Goldsmith Gas Plant in Texas May 20

DCP Midstream reported that while attempting to repair loose wiring at its Goldsmith plant on Monday, a small arc that occurred cut power to the west ESD cabinet, which in turn shut down the west plant, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=183066>

Mechanical Repairs Lead to Emissions at ExxonMobil's 65 MMcf/d Dollarhide Gas Plant in Texas May 20

ExxonMobil reported emissions at its Dollarhide plant on Monday were caused by exhaust manifold issues during mechanic repairs, according to a filing with the Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=183088>

NRC Amends Security Requirements for Spent Nuclear Fuel in Transit

The U.S. Nuclear Regulatory Commission (NRC) on Monday announced it is amending its security regulations for the transport of spent nuclear fuel. The amendments establish generically applicable security requirements similar to current measures imposed by the agency in orders to licensees following the terrorist attacks of September 2001. The amendments establish acceptable performance standards and objectives for the protection of spent nuclear fuel shipments from theft, diversion, or radiological sabotage. The changes were published Monday in the *Federal Register*. A proposed rule and draft guidance documents were published October 13, 2010, for public comment. Comments are addressed in the current *Federal Register* notice. The final rule will be effective August 19. <http://pbadupws.nrc.gov/docs/ML1314/ML13140A136.pdf>

Authorities Say Individuals Targeted Power Companies in Repeated Copper Thefts Throughout North Carolina

http://www.laurinburgexchange.com/view/full_story/22614230/article-Deputies--Copper-theft-ring-busted?instance=popular

International News

FARC Allegedly Attacks Petronorte Crude Oil Pipeline in Northern Colombia May 20; Marks Second Attack in 2 Days

Colombian authorities reported the Revolutionary Armed Forces of Colombia, known as the FARC, were suspected responsible for damage to an oil pipeline after explosive charges detonated in at least eight different locations in three northern municipalities on Monday. The pipeline is owned by Petronorte, which has asked for military assistance in controlling the resulting oil spill. This is the second oil spill attributed to the FARC since Sunday, when state-owned oil company Ecopetrol alleged the group attacked a crude oil pipeline in Orito. <http://colombiareports.com/attack-on-oil-pipelines-were-farc-retaliation/>

Protesters Halt Oil Flows on Zueitina Oil Pipeline in Libya – Sources

Protesters calling for jobs on Tuesday turned off and damaged a valve on a pipeline carrying oil to the eastern Libyan terminal of Zueitina, just days after the port reopened following similar demonstrations, three industry sources said. The Zueitina Oil Company produces between 60,000–70,000 barrels of oil and condensate per day, but its terminal, which handles other companies' oil exports, has the capacity to process about 20 percent of Libya's 1.6 MMb/d of crude exports. The Zueitina terminal re-opened over the weekend after a different group of protesters had forced it shut last week.

Reuters, 09:43 May 22, 2013

Update: South Sudan Oil Output to Ramp Back Up by May 22 after Sudanese Pumping State Returns to Service – S. Sudan Foreign Minister

South Sudan said oil flows through Sudanese pipelines would resume today after technical problems at a pumping station in Sudan caused output to fall from 200,000 b/d to 105,000 b/d. South Sudan's foreign minister said a pump station in Jebelain in southern Sudan had been shut for technical reasons. South Sudan will resume pumping 200,000 b/d once normal operations at the pump station resumed, he said. Reports earlier this week said South Sudan suspected Sudanese authorities were blocking oil flow from its Unity state. South Sudan is in the process of restarting oil exports via a cross-border pipeline to the Red Sea port at Port Sudan following a 16-month shutdown due to a dispute about transport fees. The first oil cargoes are expected to ship from Port Sudan by June 24.

Reuters, 11:53 May 22, 2013

BP to Increase Production Capacity at Iraq's Rumaila Oilfield by 750,000 b/d by 2017

BP Plc plans to increase the production capacity at the Rumaila oilfield, the largest in Iraq, by 750,000 b/d by 2017, a senior executive said Wednesday. The company is currently producing about 1.4 MMb/d from Rumaila and plans to add about 100,000 b/d of production per year over the next 3 years, along with an additional 450,000 b/d by 2017 with the operation of a new large scale facility at the field. BP and China National Petroleum Corp. are developing Rumaila, which holds oil reserves of 17 billion barrels, and had pledged to almost triple production at the field to 2.85 MMb/d in 7 years after the start of work in 2010.

http://www.rigzone.com/news/oil_gas/a/126621/BPs_Investment_in_Iraq_to_Reach_5B_by_2016

State-Owned Bank to Invest in Iraq-Jordan Oil Export Pipeline

State-run Trade Bank of Iraq will invest in a proposed oil export pipeline, which is intended to make Iraq less dependent on Persian Gulf export terminals and boost Iraqi crude exports to Asia, Europe, and the United States, a bank executive said Wednesday. Iraq last month invited oil companies to express interest in building the 1,680-km pipeline stretching from the oil hub of Basra in southern Iraq to the Jordanian port of Aqaba in the Red Sea after the two countries signed a preliminary agreement. Iraq last year started design and feasibility studies on a 680-km segment inside Iraq, which is expected to carry 2.25 MMb/d when it starts operations in 2017. The country is now preparing to start work on the section from Haditha to Aqaba, which will have a capacity of 1 MMb/d.
http://www.downstreamtoday.com/news/article.aspx?a_id=39582

Energy Prices

U.S. Oil and Gas Prices			
May 22, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	94.54	93.96	91.46
NATURAL GAS Henry Hub \$/Million Btu	4.10	3.93	2.60

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 & 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

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. ET. 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