



ENERGY ASSURANCE DAILY

Wednesday Evening, June 10, 2015

Electricity

Progress Energy's 811 MW Brunswick Nuclear Unit 2 in North Carolina Ramps Up to 99 Percent by June 10

On the morning of June 9 the unit was operating at 86 percent, reduced from 97 percent on June 8.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Reduced to 77 Percent by June 10

On the morning of June 9 the unit was operating at 95 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Update: Entergy's 966 MW River Bend Nuclear Unit 1 in Louisiana Ramps Up to 66 Percent by June 10

On the morning of June 9 the unit was operating at 33 percent after restarting and ramping up to 3 percent on June 8. The unit was previously shut from 92 percent on June 1 due to low reactor water level.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2015/20150602en.html>

Luminant's 1,150 MW Comanche Peak Nuclear Unit 1 in Texas Reduced to 61 Percent by June 10

On the morning of June 9 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2015/>

Update: RRI Energy's Ormond Beach Gas-fired 741 MW Unit 1 and 775 MW Unit 2 in California Return to Service by June 9

The units returned from an unplanned outage that began on June 8.

<http://content.aiso.com/unitstatus/data/unitstatus201506091515.html>

FERC Approves PJM Power Capacity Plan June 9

PJM Interconnection received approval late Tuesday from the Federal Energy Regulatory Commission (FERC) for its Capacity Performance proposal. PJM's proposal was developed through an expedited stakeholder process last year, driven in part by generator performance during the previous winter's Polar Vortex. On the coldest day of 2014, 22 percent of the generation in PJM was unavailable to serve customers. The order will enhance incentives for capacity resources to be available when needed most, help reduce price spikes during system emergencies, and reduce the chance of expensive, forced outages. PJM operates the power grid in all, or parts, of 13 mid-Atlantic and Midwest states, from New Jersey to Illinois, and the District of Columbia.

<http://www.pjm.com/>

NRC Finds Entergy Responsible for Valve Failures at Its 688 MW Pilgrim Nuclear Power Station in Massachusetts

The Nuclear Regulatory Commission (NRC) issued a preliminary finding last week to the Pilgrim Nuclear Power Station in Plymouth, Massachusetts, following an inspection into a January reactor scram that occurred after the plant suffered a loss of outside power. The inspectors found that internal damage to a safety valve, which resulted in plant shutdown complications, could have been prevented through proper maintenance.

<http://kingston.wickedlocal.com/article/20150608/NEWS/150609027>

http://www.entropy-nuclear.com/plant_information/pilgrim.aspx

AES Distributed Energy Announces Completion of 4 MW Solar Project in Georgia

AES Distributed Energy today announced the commissioning of a 4 MW solar PV project located in Dublin, Georgia. This system is the first of two solar PV projects being developed by AES Distributed Energy and its partners, collectively expected to supply 20 MW to the Georgia Power utility grid. The second, 16 MW project, is under development and is expected to be operational in the first half of 2016. Georgia Power will purchase 100 percent of the energy production from both projects from AES Distributed Energy pursuant to 20-year Power Purchase Agreements.

<http://finance.yahoo.com/news/aes-distributed-energy-announces-completion-120000901.html>

Illuminating Company Completing Construction of New Substation to Enhance Service Reliability for Customers in Ohio

The Illuminating Company on Monday said it was completing construction of a new substation in Avon, Ohio, to help enhance customer service reliability and meet the future demand for electricity in the area. The new substation is expected to be completed by mid June and will help enhance service reliability for more than 5,000 customers in the Avon and Avon Lake areas. Construction began in October 2014 using a standard design that was more cost effective and helped to expedite construction. The design included using precast concrete foundations, a large transformer, switching gear, and circuit breakers. In addition, animal protection devices made out of polymer material were installed on key parts of the equipment to help reduce outages caused by squirrels and other animals. The substation project is part of FirstEnergy's previously announced plan to invest more than \$281 million in 2015 on distribution and transmission infrastructure projects in The Illuminating Company's northeast Ohio service territory.

https://www.firstenergycorp.com/newsroom/news_releases/new-illuminating-company-substation-enhances-service-reliability.html

Petroleum

Update: ExxonMobil Denied Request to Transport Crude Oil by Tanker Truck through Santa Barbara County, California June 10

A Santa Barbara County official rejected an ExxonMobil proposal to haul crude oil by truck to alleviate a supply disruption stemming from the Plains All American Pipeline (PAA) Line 901 rupture on May 19. ExxonMobil's plan was to use as many as eight, 6,720-gallon tanker trucks on as many as 192 daily trips along U.S. Highway 101 to transport oil from a facility near El Capitan State Beach to refineries as far away as San Luis Obispo County. Crude oil typically moves from ExxonMobil's three offshore platforms through the 10.6-mile PAA-owned pipeline. Since the rupture, ExxonMobil has reduced its daily oil production by nearly two-thirds and stored its crude in tanks at its Santa Ynez Unit in Las Flores Canyon near U.S. Highway 101.

<https://www.countyofsb.org/asset.c/1400>

Reuters, 1:53 June 10, 2015

CVR Reports Malfunction at Its 70,000 b/d Wynnewood, Oklahoma Refinery June 4

Reuters, 12:35 June 10, 2015

HollyFrontier Reports FCCU Start-up at Its 70,300 b/d Tulsa East, Texas Refinery June 2

HollyFrontier reported startup of the fluid catalytic cracking unit (FCCU) and excess carbon monoxide on June 2 at its Tulsa East, Oklahoma refinery.

Reuters, 12:35 June 10, 2015

Total Says Operations Normal at Its 225,500 b/d Port Arthur, Texas Refinery after SRU Upset, Emissions June 9

Reuters, 11:56 June 10, 2015

Imperial Reports Unit Shut Due to Operational Issue, Flaring at Its 187,000 b/d Strathcona, Alberta Refinery June 10

Imperial Oil Ltd shut a unit at its Strathcona, Alberta refinery due to an operational issue. The refinery experienced flaring during the shutdown and restart of the unit. Imperial said it did not anticipate there to be any impact on its ability to supply refined products.

Reuters, 13:04 June 10, 2015

EIA Forecasts Steeper, Prolonged Oil Production Decline into Early 2016

An anticipated decline in domestic oil production will be slightly longer and deeper than expected, with annual output falling in 2016 for the first time in eight years, the U.S. Energy Information Administration (EIA) said on Tuesday. In its short-term energy outlook, the EIA forecast a 160,000 b/d drop in output next year to 9.27 million b/d. A month ago it was still expecting output to rise 20,000 b/d next year. Production has risen every year since 2008. The agency raised its 2015 U.S. crude oil production growth forecast to 720,000 b/d from 530,000 b/d, however, due to stronger-than-expected first-quarter output, even as oil prices halved since last summer.

<http://www.eia.gov/forecasts/steo/>

http://www.rigzone.com/news/oil_gas/a/139037/US_Sees_Longer_Oil_Output_Decline_Into_Early_2016#sthash.Ee9vF40B.dpuf

Gulf Coast Refinery Runs Hit Record High, Oil Stocks Fall Most Since July – EIA

U.S. Gulf Coast refinery utilization rates reached a record last week, data from the U.S. Energy Information Administration (EIA) showed on Wednesday. The utilization rate jumped 1.5 percentage points to 98.4 percent. EIA also reported U.S. crude stocks fell the most since July last week as refineries hiked output. Crude inventories fell by 6.8 million barrels in the last week, compared with analysts' expectations for a decrease of 1.7 million barrels. Crude stocks at the Cushing, Oklahoma delivery hub fell by 1.024 million barrels and refinery crude runs rose by 169,000 b/d, EIA data showed.

Reuters, 10:51 June 10, 2015

Reuters, 10:35 June 10, 2015

Natural Gas

Williams' Transco Experiences Unplanned Outage on Its Leidy Natural Gas Line B in Pennsylvania Following Reports of Pipeline Explosion June 9

Williams Cos Inc's Transcontinental Gas Pipeline Co (Transco) gas unit experienced an unplanned outage on its Leidy Line B between station 517 in Columbia County, and station 520 in Lycoming County. About 130 residents were temporarily evacuated from their homes in Jordan Township, Pennsylvania Tuesday night following reports of a natural gas explosion. The rupture and explosion occurred on a 24-inch natural gas pipeline owned by Williams. Columbia County emergency management officials said the gas rupture and leak occurred around 9:30 p.m. EDT, Tuesday. Officials said the gas was quickly shut-off, the fire was contained, no injuries occurred, and evacuated residents returned home shortly before midnight.

<http://www.1line.williams.com/1Line/wgp/download?delvid=6549635&hfNoticeFlag=Y&hfDownloadFlag=false&hfFileName=download.html>

<http://www.nbcphiladelphia.com/news/local/Hundreds-Evacuate-After-Pennsylvania-Gas-Explosion-306751251.html>

<http://wnep.com/2015/06/09/homes-evacuated-after-reported-gas-line-explosion/>

http://lancasteronline.com/news/local/gas-line-explosion-in-lycoming-county-involves-pipeline-owned-by/article_1e1f7fcc-0f76-11e5-a35e-db7d39c8e3fa.html

Regency Gas Services' Gas Transmission Line Ruptures in Louisiana June 9

A major gas transmission line ruptured around 7:30 p.m. CDT Tuesday in a developing subdivision of Bossier Parish, Louisiana, where no homes had yet been built. Bossier Parish sheriff's deputies, Louisiana State Police, Hazmat, CenterPoint Energy, and the Louisiana National Guard all responded to the scene. Just before 10:00 p.m. CDT crew managed to shut off the valves and the "all clear" was given. CenterPoint Energy, a Northwest Louisiana gas distributor, said it did not own the transmission line. Authorities confirmed Regency Gas Services as the owner.

<http://www.ksla.com/story/29281037/major-gas-line-ruptures-in-flooded-river-bluff-subdivision>

Southern Union Reports Compressor Shut at Its 140 MMcf/d Keystone Gas Plant in Texas June 8

Southern Union reported compressor C-23 shut due to problems with the prelube pump. The prelube pump was repaired and the compressor was put back online.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=215470>

Update: NTSB Says Defective Joint, Lack of Supporting Soil Caused Deadly 2014 Gas Main Explosion in New York City

The National Transportation Safety Board (NTSB) on Tuesday found that a natural gas explosion that destroyed two five-story buildings in the East Harlem section of New York City was caused both by a defective pipe joint that allowed gas to leak from a gas main into the building, and an earlier breach in a sewer line that caused main line sagging and subsequent stress on the defective joint. The investigation also examined the effectiveness of Con Edison's gas odor public awareness program, the adequacy of its gas odor report response, the effectiveness of the New York City Department of Environmental Protection (NYC DEP) sewer integrity program and the effectiveness of federal and state oversight. The Board also found that the NYC DEP had learned of a sewer main breach in the affected on Park Avenue in 2006, but had never repaired it. The supporting soil under the gas line and a water main, in front of the buildings was washed into the sewer through a large hole in the sewer wall.
<http://www.nts.gov/news/press-releases/Pages/PR20150609.aspx>

Other News

Nothing to report.

International News

Syrian Gas Pipeline Blown Up By IS – Monitor

Jihadists from the Islamic State group blew up a pipeline feeding natural gas from eastern Syria to the suburbs of the capital Damascus early Wednesday morning, a monitor said.
Reuters, 11:43 June 10, 2015

Energy Prices

U.S. Oil and Gas Prices			
June 10, 2015			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	61.31	60.15	105.02
NATURAL GAS Henry Hub \$/Million Btu	2.81	2.62	4.66

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

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

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