



ENERGY ASSURANCE DAILY

Wednesday Evening, December 28, 2016

Electricity

Update: Energy Northwest's 1,107 MW Columbia Nuclear Generating Station in Washington at Full Power by December 28

On the morning of December 27 the unit was operating at 90 percent after restarting on December 24. The unit was shut from 99 percent on December 18 due to an equipment malfunction at the Bonneville Power Administration's substation near the Columbia Generating Station, which is operated by Energy Northwest.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

<https://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20161219en.html>

CDWR's 933 MW Hyatt-Thermalito Hydro Unit in California Reduced by December 27

The unit entered an unplanned curtailment of 488 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201612271515.html>

New Mexico Wind Generation Expected to Double to More than 2 Gigawatts over Next Few Years

Energy companies are expected to double the generating capacity of wind farms in eastern New Mexico over the next few years due to federal subsidies, improvements in technology, and decreased costs for wind and solar. More than a gigawatt (GW) of wind capacity is currently under construction or planned in New Mexico, according to an official at the State's Energy, Minerals, and Natural Resources Department. Massive wind farms are either planned or under construction in Torrance and Curry counties, including two interrelated projects near Clovis totaling 497 MW of generating capacity. Additionally, the 298 MW El Cabo Wind Farm near Moriarty will open next year, which will become New Mexico's largest wind farm, and three other projects ranging from 30 to 250 MW are in the planning stages. Together, these projects will double New Mexico's wind generation to more than 2 GW. The State's eastern plains have the potential to generate a total of 11 gigawatts of wind-driven electricity, or about 75 times more than the state needs, according to the National Renewable Energy Laboratory in Colorado. As a result, most planned wind farms will supply customers in other states, although generation from these projects will require increased interstate transmission capacity. Currently, New Mexico's transmission network can only accommodate about 1 GW of additional capacity, according to the director of transmission, distribution, and planning contracts at Public Service Company of New Mexico. Meanwhile, five large-scale transmission projects are currently in different stages of development, including the 515-mile, two circuit, 500 kV SunZia line that will carry wind-generated electricity from central New Mexico to Arizona.

Reuters, 13:01 December 27, 2016

https://www.blm.gov/nm/st/en/prog/more/lands_realty/sunzia_southwest_transmission.html

Ohio Governor Vetoes Bill Proposing Optional Renewable Mandates Compliance December 27

Ohio Governor John Kasich on Tuesday vetoed a bill that would have made compliance with the state's renewable energy mandates optional for the next three years. Barring a legislative override, the governor's action on the energy measure will resume benchmarks established in 2008 that were gradually increasing electric utilities' use of alternative energy sources such as wind and solar power. The 2008 standards also require utilities to find measurable ways for consumers to reduce their energy use.

Reuters, 15:31 December 28, 2016

<http://www.governor.ohio.gov/MediaRoom/PressReleases/TabId/200/ArticleId/586/language/en-US/kasich-announces-actions-on-three-bills-12-27-16.aspx>

Petroleum

Citgo Reports Flaring at Its 157,500 b/d Corpus Christi, Texas Refinery December 28

Citgo Petroleum Corp reported that operating conditions led to flaring at the east plant of its Corpus Christi, Texas refinery, according to an alerting system.

Reuters, 8:39 December 28, 2016

Petrobras Reports Emissions at Its 112,229 b/d Pasadena, Texas Refinery December 23

Petrobras reported emissions from a flare gas recovery unit at its Pasadena, Texas refinery, according to a filing with the Texas Commission on Environmental Quality. Petrobras also reported excess sulfur dioxide from the west flare as a result of high flow in the flare system.

Reuters, 19:04 December 27, 2016

Update: BP Restarts Reformer at Its 413,500 b/d Whiting, Indiana Refinery December 26 – Traders

BP Plc on Monday restarted a catalytic reformer at its Whiting, Indiana refinery after it had been shut down for unplanned repairs on December 21, according to traders citing a report from Genscape on Monday.

Reuters, 17:25 December 27, 2016

Shell Midstream Partners Acquires Interests in Three Gulf of Mexico Pipelines from BP

Shell Midstream Partners, L.P. on Wednesday announced it acquired 10 percent interest in Proteus Oil Pipeline Co., 10 percent interest in Endymion Oil Pipeline Co., and a 1 percent interest in Cleopatra Gas Gathering Co. from BP. Proteus operates a 71-mile, 425,000 b/d crude oil pipeline that provides access from the Thunder Horse and Thunder Hawk platforms in the Mississippi Canyon area of the Gulf of Mexico to the Proteus SP 89E Platform. Endymion operates an 89-mile, 425,000 b/d crude oil pipeline that provides connectivity between the SP89E Platform and the LOOP storage facility in Clovelly, Louisiana with access to multiple onshore markets. Finally, Cleopatra operates a 115-mile in Southern Green Canyon, with access to Atwater Valley, Walker Ridge, and Lund areas in the Gulf of Mexico with connections to the Holstein, Atlantis, Neptune, Shenzi, and Mad Dog platforms. The Cleopatra system will also transport production from the Mad Dog 2 field once it comes online. The terms of the acquisition were approved by the Board of Directors of the General Partner of Shell Midstream Partners.

<http://www.shellmidstreampartners.com/releasedetail.cfm?ReleaseID=1005625>

Natural Gas

Dominion Transmission Reports Unplanned Outage at Its Lightburn Storage Facility in West Virginia December 28

Dominion Transmission, Inc. said units 1–5 at its Lightburn Storage Facility in Lewis County, West Virginia were out of service due to an unplanned outage. The natural gas transmission pipeline operator said all affected customers would be notified. According to 2014 data from the U.S. Energy Information Administration's Energy Mapping System, the Lightburn facility is comprised of a 44 MMcf/d extraction plant with approximately 5,028 barrels of oil equivalent of liquid natural gas storage capacity, which is equivalent to approximately 29.2 MMcf of underground natural gas storage capacity.

https://escript.dom.com/jsp/info_post.jsp?&company=dti#

<https://www.eia.gov/state/maps.cfm>

Update: TGP Extends Repair Timeline to January 10 for Station 820 Force Majeure Event in Louisiana December 28

Kinder Morgan's Tennessee Gas Pipeline Co. (TGP) extended the timeline for unplanned repairs to January 10 at its Station 820 near Starks, Louisiana. TGP declared force majeure on December 3 due to an issue with Unit 1A. TGP is an approximately 11,800-mile pipeline system that transports natural gas from Louisiana, the Gulf of Mexico, and south Texas to the northeast section of the United States, including New York City and Boston.

http://pipeline2.kindermorgan.com/Notices/NoticeDetail.aspx?code=TGP¬e_nbr=361927&date=12/28/2016&subject=¬e_type=-1¬e_sub_type=-1¬e_ind=C

http://pipeline2.kindermorgan.com/Notices/NoticeDetail.aspx?code=TGP¬e_nbr=361655&date=12/5/2016&subject=¬e_type=-1¬e_sub_type=-1¬e_ind=C

Update: Destin Pipeline to Offer Additional Offshore Transportation Services January 1 after Enterprise's 1.5 Bcf Pascagoula Gas Processing Facility Restarts December 15

Destin Pipeline Co. said beginning gas day January 1, it would offer transportation service to Enterprise's Pascagoula natural gas processing facility (PGP) in Mississippi from all but one of its offshore receipt points. Destin said all flows from receipt points known as MC254, VK989, MP281, MP283, VK915, MC127, MC474, and MC736 will be required to move to PGP until further notice. Flows from the MC778 receipt point will be required to move through the VKGS MP260 location to the PGP facility until further notice. Additionally, Destin will no longer offer transportation service to Williams' MP261 delivery point beginning gas day January 2. Destin began limited transportation service from several offshore points to the processing facility on December 17, but its system has remained in a state of force majeure until operations at the facility return to normal. The 225-mile Destin gas pipeline system can carry 1.2 Bcf/d from offshore producers to the Pascagoula plant, and then further north to interconnections with six major interstate gas transmission lines. The Pascagoula facility was shut on June 27 after two explosions damaged its processing trains, forced Destin to declare a force majeure event, and resulted in temporary offshore production platform shut-ins while operators adjusted transportation arrangements.

<https://bp.trellisenergy.com/ptms/public/infopost/viewNotices.do?noticeCategoryId=308201&tspld=1&proxyTspId=1&menuId=menu-info-posting-notices-critical>

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
December 28, 2016			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S.	53.96	51.42	36.26
\$/Barrel			
NATURAL GAS			
Henry Hub	3.67	3.36	1.53
\$/Million Btu			

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>

Please direct comments and questions to: ead@oe.netl.doe.gov