



ENERGY ASSURANCE DAILY

Wednesday Evening, September 12, 2012

Electricity

NSTAR to Construct 345-kV Transmission Line in Southeastern Massachusetts

NSTAR Electric today announced it will soon begin constructing a new 345-kV transmission line to bolster the reliability of the entire electric grid serving Southeastern Massachusetts and Cape Cod. Construction for the 26-mile project from Carver to West Barnstable on Cape Cod is set to start in two weeks and is slated for completion next summer.

DJN, 11:18 September 12, 2012

www.nstartransmission.com

First Solar and PG&E Sign Contracts for the 32 MW Lost Hills Solar Project and 40 MW Cuyama Solar Project Under Development in California

First Solar, Inc. on Tuesday announced it has signed power purchase agreements with Pacific Gas and Electric Company (PG&E) for 72 MW of solar electricity to be generated at two photovoltaic power plants that First Solar is developing in central California. Construction on the 32 MW Lost Hills project in Kern County and the 40 MW Cuyama project in Santa Barbara County could start in 2013 as soon as the development process is complete, depending on plans of the projects' eventual owners. The power purchase agreements—each with a delivery term beginning in 2019—are subject to approval by the California Public Utilities Commission, whose decision is expected in the first half of 2013.

<http://investor.firstsolar.com/releasedetail.cfm?ReleaseID=706184>

Update: Dominion's 871 MW Millstone Nuclear Unit 2 in Connecticut Ramped Up to 99 Percent by September 12

On the morning of September 11 the unit was operating at 85 percent.

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

Update: FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida at Full Power by September 12

On the morning of September 11 the unit was operating at 84 percent.

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

Calpine's 135 MW Calpine American Natural Gas-Fired Unit in California Shut by September 11

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201209111515.html>

Dynegy's 335 MW El Segundo Natural Gas-Fired Unit 4 in California Shut by September 11

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201209111515.html>

Petroleum

ExxonMobil Shuts Flexicoker Unit Due to a Tube Leak at Its 572,500 b/d Baytown, Texas Refinery September 11; Says Event Will Have Minimal Impact on Production

ExxonMobil Corp. reported it shut a flexicoker unit at its Baytown refinery overnight Tuesday after operators discovered a heat exchanger tube leak, according to a filing with the Texas Commission on Environmental Quality. The event was ongoing at the time of the filing. The event has had only minimal impact on production, and the refinery expected to meet its contractual agreements. Emissions related to the unit shutdown were expected until Sunday, the filing said.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=173364>

Phillips 66 Reports Benzene Release from Thermal Oxidizer at Its 247,000 b/d Sweeny, Texas Refinery September 11

Phillips 66 reported that benzene was releasing from a thermal oxidizer at its Sweeny refinery Tuesday evening due to unknown causes, according to a filing with the U.S. National Response Center.

http://www.nrc.uscg.mil/reports/rwservlet?standard_web+inc_seq=1024146

Update: Failed Pipe That Caused a Fire at Chevron's 245,271 b/d Richmond, California Refinery August 6 Had Thinned to 20 Percent of Its Original Thickness – Regulator

The U.S. Chemical Safety Board on Tuesday said the wall of a pipe that failed on a crude distillation unit at Chevron Corp.'s Richmond refinery early last month had thinned from the inside to 20 percent of its original thickness, from 5/16th of an inch to 1/16th of an inch. Investigators are still trying to determine what caused the thinning.

<http://www.reuters.com/article/2012/09/12/chevron-richmond-idUSL1E8KC1DA20120912?feedType=RSS&feedName=marketsNews&rpc=43>

Update: Tesoro Reports Normal Operations at Its 166,000 b/d Martinez, California Refinery September 12 after Acid Leak September 10

Tesoro Corp. on Wednesday reported normal operations at its Martinez refinery after an acid leak this week. The refinery had reported a sulfuric acid leak from a packing gland in the alkylation unit on Monday in a filing with state pollution regulators.

Reuters, 09:43 September 12, 2012

Equipment Failure Causes Nitrogen Oxide Release at ExxonMobil's 238,600 b/d Joliet, Illinois Refinery September 11

ExxonMobil Corp. reported a release of nitrogen oxide from a flare stack at its Joliet refinery on Tuesday was due to an equipment malfunction.

Reuters, 04:00 September 12, 2012

Natural Gas

Enterprise Begins Operation of Second 300 MMcf/d Train at Yoakum Natural Gas Processing Facility in the Eagle Ford Shale in Texas

Enterprise Products Partners L.P. on Monday announced the start-up of the second 300 MMcf/d train at the partnership's Yoakum cryogenic natural gas processing plant in Lavaca County, Texas. With the additional train, nameplate capacity increases to 600 MMcf/d, and the facility is capable of extracting approximately 74,000 b/d of natural gas liquids (NGL). Enterprise is also on schedule to bring the third train at Yoakum into service in the first quarter of 2013, at which time total capacity at the complex will increase to 900 MMcf/d and 111,000 b/d of NGLs. Construction of a 173-mile extension of the partnership's NGL pipeline system from Yoakum to LaSalle County, Texas is also under way and on schedule to begin service in the second quarter of 2013. This project will link to Enterprise's recently completed NGL pipeline system that delivers Eagle Ford Shale production from Yoakum to Mont Belvieu, Texas, where Enterprise is constructing three new NGL fractionators.

<http://phx.corporate-ir.net/phoenix.zhtml?c=80547&p=irol-newsArticle&id=1733276>

Colorado Interstate Gas Co. Declares Force Majeure at Its 195 MMcf/d Greasewood Compressor Station September 11 Due to Malfunction and Fire

Colorado Interstate Gas Company, LLC (CIG) on Tuesday declared force majeure after a malfunction and fire on the one unit at its Greasewood Compressor Station (GWD) resulted in the unit being temporarily unavailable for service, according to a notice posted online. CIG is in the process of evaluating the necessary repairs and developing a schedule to restore the unit back to service. Effective beginning on the gas day Thursday, September 13 until further notice, the operational capacity at GWD will be reduced from 195 MMcf/d to 140 MMcf/d.

<http://ebb.cigco.com/ebbmasterpage/Notices/NoticesAutoTable.aspx?code=CIG&status=Notice&name=CriticalNotices&sParam1=0088&sParam3=8742&sParam14=D&details=Y>

Other News

Nothing to report

International News

Nothing to report

Energy Prices

U.S. Oil and Gas Prices			
September 12, 2012			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	96.96	95.51	89.05
NATURAL GAS Henry Hub \$/Million Btu	2.82	2.81	3.96

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

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 PM Eastern Time. 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