



ENERGY ASSURANCE DAILY

Friday Evening, June 15, 2012

Electricity

JCP&L Announces Local Infrastructure and Transmission Enhancement Projects in New Jersey

Jersey Central Power & Light (JCP&L) announced yesterday it will start work on 17 transmission construction projects over the next 6 months in its northern and central New Jersey service areas, as part of its Local Infrastructure and Transmission Enhancement (LITE) program, which began in 2011. JCP&L has already completed 24 projects. The LITE projects scheduled for completion this year include:

- Installing new equipment at the Atlantic Substation in Tinton Falls;
- Upgrading an existing line and adding a new 115-kV line in Sussex County;
- Adding five new 34.5-kV breakers and a 34.5-kV capacitor bank at the Van Hiseville Substation;
- Adding new, higher rated wire, insulators, and lightning arrestors to a 34.5-kV line connecting the Oceanview Substation to the Neptune Substation;
- Adding a second 34.5-kV connection at the Readington Substation to increase capacity;
- Adding additional back up protection to a 230-kV transformer at a substation in Whippany; and
- Upgrading the wiring to increase capacity at the Montville Substation and the Madison Substation.

https://www.firstenergycorp.com/newsroom/news_releases/jcp_1_transmissionprojectstoenhancereliabilityandmeetincreasedcu.html

SDG&E Says New 500-kV Sunrise Powerlink Transmission Line Will Help It Meet Power Demand in Southern California This Summer

San Diego Gas & Electric (SDG&E) said Thursday it expects to meet power demand in Southern California this summer despite a lack of supply from the San Onofre Nuclear Generating Station in California, according to a spokeswoman. The San Onofre nuclear plant, which is operated by Southern California Edison, has been offline since January due to the unusual degradation of hundreds of steam generator tubes. SDG&E is optimistic, however, that the new 500-kV Sunrise Powerlink transmission line, which is expected to go online soon, will help meet demand by transmitting power from the Imperial Valley, the spokeswoman said.

<http://www.590ktie.com/article.aspx?id=9c30f087-f5b9-4b4e-b5c0-779c14386448&catid=-999>

<http://www.foxbusiness.com/industries/2012/06/15/with-power-plant-offline-california-scrambles-to-avoid-blackouts/#ixzz1xtEU1RRO>

SCE Cited for Security Violations at Its 2,150 MW San Onofre Nuclear Generating Station in California

The U.S. Nuclear Regulatory Commission (NRC) has cited Southern California Edison (SCE) for security problems at its San Onofre nuclear power plant in California, according to a statement Thursday. NRC staff discovered the violations during an inspection of the plant in May, and they issued citations for problems like failing to adequately monitor the security of certain electronic devices at the plant. The NRC has withheld many of the details of its findings due to security concerns. Edison says it has addressed and corrected the problems.

http://newsok.com/feds-find-security-issues-at-calif.-nuclear-plant/article/feed/394008?custom_click=rss&utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+newsok%2Fbusiness+%28NewsOK.com+RSS+-+business%29

Entergy's 813 MW FitzPatrick Nuclear Unit in New York Reduced to 50 Percent by June 15

On the morning of June 14 the unit was operating at full power.

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

Update: PPL's 1,111 MW Susquehanna Nuclear Unit 2 in Pennsylvania Restarts June 14; Ramps Up to 15 Percent by June 15

PPL Susquehanna LLC restarted Unit 2 on Thursday after completing an inspection of the unit's turbine blades, which were flagged after discovering cracks on some Unit 1 turbine blades. Operators shut Unit 2 on May 30 for the inspection, which did not reveal any similar cracks, but PPL installed additional diagnostic equipment on the turbine to validate the suspected causes currently under review.

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

<http://finance.yahoo.com/news/unit-2-susquehanna-nuclear-plant-103700470.html>

Progress Energy's 872 MW Brunswick Nuclear Unit 1 in North Carolina Reduced to 18 Percent by June 15

On the morning of June 14 the unit was operating at full power.

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

Update: FirstEnergy's 1,235 MW Perry Nuclear Unit 1 in Ohio Shut by June 15

On the morning of June 14 the unit was operating at 71 percent.

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

Update: Nebraska Public Power District's 764 MW Cooper Nuclear Unit in Nebraska at Full Power by June 15

On the morning of June 14 the unit was operating at 70 percent.

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

Constellation's 118 MW Ace Cogeneration Coal-Fired Unit in California Shut by June 14

The unit entered an unplanned outage.

<http://content.aiso.com/unitstatus/data/unitstatus201206141515.html>

Petroleum

Update: Motiva Says Timeline Unknown for Full Ramp-Up of 325,000 b/d CDU at Its 600,000 b/d Port Arthur, Texas Refinery

Motiva Enterprises said on Friday that there was no schedule for restoring normal operations at its Port Arthur refinery after its newly commissioned, 325,000 b/d crude distillation unit (CDU) was shut for repairs after attempts to restart the unit last weekend failed. "The timeline for full ramp-up of the expansion is not known at this time," a Motiva spokeswoman said.

Reuters, 11:04 June 15, 2012

Update: ExxonMobil Restarts HCU Compressor at Its 344,500 b/d Beaumont, Texas Refinery June 14; Works to Return the Refinery to Normal Operations

ExxonMobil Corp. reported its Beaumont refinery was returning to normal operations after restarting a process compressor that tripped on a hydrocracker unit (HCU) Wednesday night, a company spokeswoman said on Thursday.

Reuters, 13:08 June 14, 2012

ExxonMobil Stops Butane Leak from Internal Piping at Its 503,000 b/d Baton Rouge, Louisiana Refinery June 15; Leak Did Not Affect Customer Commitments – Spokeswoman

<http://www.reuters.com/article/2012/06/14/pipeline-operations-exxon-idUSL1E8HE8DK20120614?feedType=RSS&feedName=rbssEnergyNews&rpc=43>

'Instrumentation' Malfunction Trips CO Boiler at Shell's 145,000 b/d Anacortes, Washington Refinery June 13

Royal Dutch Shell Plc reported a carbon monoxide (CO) boiler tripped at its Anacortes refinery Wednesday morning, according to a filing with the Northwest Clean Air Agency. The cause of the trip was "instrumentation related," the filing said.

Reuters, 18:54 June 14, 2012

Process Water Tank Ruptures, Causes Hydrogen Sulfide Emissions at Phillips 66's 120,000 b/d Rodeo, California Refinery June 15

Phillips 66 reported a process water tank ruptured at its Rodeo refinery around 7:00 AM local time this morning, releasing hydrogen sulfide into the atmosphere, according to a spokesman. Operators have since emptied and cleaned the tank and are still investigating why the tank ruptured, the spokesman said.

http://www.insidebayarea.com/news/ci_20865681/leak-strong-odor-reported-at-refinery-rodeo

Natural Gas

Southern Union Reports Compressor Problems at Its 140 MMcf/d Keystone Gas Plant in Texas June 14

Southern Union Gas Services reported Emperors Nos. 3 and 4 went down with compressor problems Thursday morning, according to a filing with the Texas Commission on Environmental Quality. The gas metering valve and Emperor No. 20 were also down for repairs. Emperors 3 and 4 were put back on line as soon as repairs were completed, later that night.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=169759>

Other News

Man Caught Trying to Steal Copper Wire from Bryan Texas Utilities' Storage Lot in Texas June 10

<http://www.theeagle.com/article/20120611/BC0102/120619915/1003/BC01>

International News

Nothing to report

Energy Prices

U.S. Oil and Gas Prices			
June 15, 2012			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	84.14	82.93	97.17
NATURAL GAS Henry Hub \$/Million Btu	2.20	2.33	4.59

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