



ENERGY ASSURANCE DAILY

Tuesday Evening, October 19, 2010

Electricity

Update: PSE&G's 1,096 MW Salem Nuclear Unit 1 in New Jersey at Full Power by October 19

The unit shut automatically on October 15 "due to a turbine trip," the company said in a previous filing with the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of October 18 the unit was operating at 13 percent.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101018en.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: PSE&G Restarts 1,092 MW Salem Nuclear Unit 2 in New Jersey by October 19

The unit shut automatically "due to 4 kV group bus under voltage," the company said in a previous filing with the Nuclear Regulatory Commission (NRC). PSE&G returned the unit to 2 percent power by this morning, according to the NRC. The NRC reported that on the morning of October 18 the unit was not operating.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101018en.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: AEP to Restart 721 MW Pirkey Coal-Fired Power Plant in Texas October 19-23

American Electric Power (AEP) planned to restart the unit from October 19-23 "after repairs to boiler," it said in a filing with state regulators. It was not clear when the unit shut.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=145676>

Dynegy's 756 MW Moss Landing Gas-Fired Unit 7 in California Shut by October 18

According to the California Independent System Operator, the unit reported an unplanned outage by October 18.

<http://www.caiso.com/unitstatus/data/unitstatus201010181515.html>

Update: Dynegy's 510 MW Moss Landing Gas-Fired Unit 2 in California Ramps up by October 18

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 250 MW. The unit slowed by October 16, CAISO reported previously.

<http://www.caiso.com/unitstatus/data/unitstatus201010181515.html>

Update: Entergy's 813 MW FitzPatrick Nuclear Unit in New York Ramped Up to 73 Percent by October 19

Entergy shut the unit by October 15 "due to vibration in the feedwater condensate system," Reuters said previously, citing a plant spokeswoman. The unit was returning from a refueling outage, prior to the shutdown. The Nuclear Regulatory Commission reported that on the morning of October 18 the unit was operating at 25 percent.

<http://www.reuters.com/article/idUSN1522427320101015>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

Update: Wolf Creek's 1,165 MW Wolf Creek Nuclear Unit 1 in Kansas Ramped Up to 9 Percent by October 19

The unit tripped on October 17 "due to low steam generator level," the company said in a previous filing with the Nuclear Regulatory Commission (NRC). The unit was returning from "a forced outage" at the time of the incident. The NRC reported that on the morning of October 18 the unit was not operating.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2010/20101018en.html>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2010/>

EnviroMission Plans Two 200 MW Solar Tower Power Facilities in Arizona

<http://www.prnewswire.com/news-releases/power-purchase-agreement-up-for-approval-105243643.html>

Environmental Regulations Could Force Offline 20 Percent of U.S. Coal-Fired Power Capacity over Next Ten Years: Wood Mackenzie

Companies could be forced to shut 20 percent of the nation's coal-fired power capacity over the next decade if the federal government imposes even moderate limits on greenhouse gas emissions, according to Wood Mackenzie. The closures could lead generators to rely more on natural gas for fuel, and as a consequence, could cause U.S. natural gas consumption to rise substantially by 2030.

<http://www.ft.com/cms/s/0/61af665a-dae0-11df-a5bb-00144feabdc0.html>

NERC Issues Recommendation to Electricity Industry on "AURORA Vulnerability"

The North American Electric Reliability Corporation (NERC) issued last week a recommendation to industry on the AURORA vulnerability. The recommendation provided new sensitive and clarifying information regarding the nature of AURORA, and required entities to report on efforts and progress by December 13, with updates every six months until mitigation is complete. The AURORA vulnerability refers to security lapses across the U.S. electric grid; cyber-attackers could, in theory, exploit those holes to cause significant disruptions.

http://www.nerc.com/fileUploads/File/PressReleases/PR_AURORA_14_Oct_10.pdf

<http://www.apbweb.com/featured-articles/879-what-is-the-aurora-vulnerability.html>

<http://www.networkworld.com/news/2010/101510-nerc-security-guidelines.html>

Petroleum

ExxonMobil Reports Compressor Trip, Flaring at 567,000 b/d Baytown, Texas Refinery October 18

ExxonMobil reduced two pipe still units to minimum rates after a "compressor trip" led to flaring at its 567,000 b/d Baytown, Texas refinery on October 18, the company said in a filing with state regulators. The incident did not impact production. Separately at Baytown, the company began restarting a gofiner on October 15, according to another regulatory filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146247>

<http://af.reuters.com/article/energyOilNews/idAFN1719717420101017>

Motiva to Shut TGTU at 285,000 b/d Port Arthur, Texas Refinery October 18-20

Motiva planned to shut a tail gas treating unit (TGTU) "to remove sulfur from the distribution manifold and to restore downstream processes," the company said in a filing with state regulators. It was not clear if the shutdown would have any impact on production.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146184>

<http://english.capital.gr/News.asp?id=1068286>

Marathon Slows Crude Unit at 206,000 b/d Robinson, Illinois Refinery over Weekend

Marathon reduced a crude unit for unspecified reasons over the weekend at its 206,000 b/d Robinson, Illinois refinery, according to a source familiar with the facility's operations.

Reuters, 09:32 October 19, 2010

Update: France Tapping Emergency Supplies as Strikers Continue to Block Port, Refineries, Fuel Depots October 19

Protestors continued to block access to the Fos-Lavera port, oil refineries, and numerous fuel depots in France on October 19, leading the government to tap emergency fuel stockpiles and forcing the nation to cut back on air travel, multiple sources reported. All of the nation's oil refineries – representing nearly 2 million b/d of capacity – were down, as of latest reports, and approximately 1,500 fueling stations were out of gasoline or almost ready to close. French air officials said the strikes would force the nation's largest airport, Charles de Gaulle, to cancel 30 percent of its flights.

<http://www.bbc.co.uk/news/business-11573181>

<http://www.euronews.net/2010/10/19/french-refinery-workers-choke-off-oil-supplies/>

<http://www.google.com/hostednews/ap/article/ALeqM5gNlan0mFLyZxSzzwYlvi6UIC1JyQ?docId=e221942a8be74e77bfe3811195efdee7>

BG Group, Reliance, ONGC Restart 35,000 b/d Panna-Mukta Oil-and-Gas Fields Offshore India by October 18

BG Group, Reliance, and Oil & Natural Gas Corp. (ONGC) restarted production at the 35,000 b/d, Panna-Mukta oil-and-gas fields offshore India by October 18, approximately three months after a pipeline fault forced the companies to shut the fields, according to a government official. The fields also produced 205 MMcf/d of natural gas, prior to shutdown.

http://www.rigzone.com/news/article.asp?a_id=100215

Iraq to Boost Oil Export Capacity by 3.2 Million b/d at Existing 1.3 Million b/d Basra Terminal

The nation plans to construct three underwater pipelines and four 800,000 b/d floating export terminals, according to its deputy oil minister.

http://www.downstreamtoday.com/news/article.aspx?a_id=24345

Natural Gas

Update: Nicor Subsidiary Receives CPUC Okay to Construct 11 Bcf Natural Gas Storage Facility in California – Company to Break Ground in November 2010

Central Valley Gas Storage LLC, a Nicor Inc. subsidiary, received approval from the California Public Utilities Commission (CPUC) to construct and operate an 11 Bcf natural gas storage facility in Colusa County, California, the company said on October 18. The project would include a 24-inch, 14.7-mile pipeline, linking the facility to Pacific Gas and Electric Company's (PG&E) natural gas transmission system. Central Valley plans to break ground in late November 2010 and begin service in April 2012.

http://www.tradingmarkets.com/news/stock-alert/gas_central-valley-gas-storage-llc-gets-cpuc-approval-for-natural-gas-storage-project-in-colusa-county-1239689.html

Fish and Wildlife Service and NiSource Develop Plan to Streamline Permitting Process

Over the past three years, NiSource Inc and the Fish and Wildlife Service have hammered out what may become a new benchmark for environmental permitting agreements. What emerged was the Habitat Conservation Plan, an overall plan to protect the environment along the entirety of NiSource's 15,000-mile pipeline network. Under the plan, the Fish and Wildlife service would oversee the process, coordinating with other agencies and helping to develop plan specifics. The plan must now undergo a public comment period and will be subject to modification. When published, the plan will likely provoke an intense debate but if it survives, it could serve become a model for future large-scale infrastructure projects.

<http://online.wsj.com/article/SB10001424052748703376504575492114263121070.html.html>

Other News

Massey Energy to Idle Production at 92 Coal Mines for Safety Meetings on October 29

Massey Energy plans to idle production at its 92 coal underground coal production sections on October 29, the company said, as it conducts site-specific training at each location.

<http://phx.corporate-ir.net/phoenix.zhtml?c=102864&p=irol-newsArticle&ID=1484419&highlight=>

Energy Prices

U.S. Oil and Gas Prices October 19, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	80.98	81.72	78.65
NATURAL GAS Henry Hub \$/Million Btu	3.36	3.43	3.94

Source: Reuters

Energy Notes

National Grid Reports 13,401 Customers without Power in Massachusetts October 19 – Only Scattered Outages Remain, as of Latest Reports

<https://www1.nationalgridus.com/nantucket/stormcenter/>

First Wind Breaks Ground on Planned 60 MW Rollins Mountain Wind Farm in Maine by October 18

http://www.wgme.com/template/inews_wire/wires.regional.me/2315991e-www.wgme.com.shtml

Invenergy Drops Plans to Construct Wind Farms in Arkansas, Citing Threat to Endangered Bats

<http://www.kspr.com/news/local/sns-ap-ar--windfarm-bats,0,1416664.story>

City Council Approves Lease Agreement in SunEdison's Bid to Construct Two Solar Power Facilities, Combined 24 MW of Capacity, in Las Cruces New Mexico

http://www.lcsun-news.com/las_cruces-news/ci_16374530

Ford and Dominion to Coordinate Efforts to Prepare Virginia for Operation of Electric Vehicles – Companies to Develop Consumer Outreach and Education Programs, Share Information on Charging Needs and Requirements to Ensure Grid Can Support Demand

<http://dom.mediaroom.com/index.php?s=43&item=925>

Rocky Mountain Super Computing's M.O.R.E. POWER Initiative Uses Data to Identify Best Locations for Renewable Energy Projects

<http://www.brighterenergy.org/17862/news/wind/supercomputers-to-find-best-places-for-clean-energy/>

Southern Pacific Resources Corp Receives Provincial Approval to Develop 12,000 b/d SAGD Oil Sands Facility at Proposed STP-McKay Thermal Project in Alberta, Canada by October 18

http://www.pennenergy.com/index/petroleum/display/1025101027/articles/pennenergy/petroleum/refining/2010/10/southern-pacific_gets.html

Western Energy Alliance, Six Companies Sue BLM , Citing BLM's Failure to Issue Oil-and-Gas Leases after Land Auctions in Wyoming and Utah

<http://www.latimes.com/business/nationworld/wire/sns-ap-wy-leasing-backlog,0,4835247.story>

Pump Snag Leads to Compressor Shutdown at Waha Gas Plant in Texas October 18-19

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146238>

Flaring Leads Workers to Shut in Natural Gas Wells at Chevron's McElroy Field in Texas October 18

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=146240>

Department of Defense, Other Agencies, Plan to Develop "Microgrid" Technology, Boost Cyber-Security as U.S. Bases

<http://www.nytimes.com/cwire/2010/10/18/18climatewire-dod-plans-project-to-thwart-cyber-attacks-ta-12633.html?pagewanted=print>

DOE Study Urges Lawmakers to Address Data Privacy Issues Related to Smart Grid

http://www.gc.energy.gov/documents/Broadband_Report_Data_Privacy_10_5.pdf

http://www.computerworld.com/s/article/9191220/Energy_Department_warns_over_smart_grid_privacy

ECotality to Install about 920 Blink Level 2 Electric Vehicle Charging Stations, About 40 Blink DC Fast Charges in Arizona

<http://finance.yahoo.com/news/ECotality-Unveils-Plans-to-bw-3232315896.html?x=0&.v=1>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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

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