



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Monday Evening, January 04, 2010

Electricity

Ice Intake Forces PSE&G to Shut its 1,092 MW Salem Nuke Unit 2 in New Jersey January 3

Public Service Enterprise Group's (PSE&G) Salem nuclear unit 2 in New Jersey was shut down the morning of January 3 because the unit was taking ice into its cooling mechanism. The Nuclear Regulatory Commission reported that on the morning of January 2 the unit was operating at full power.

<http://cbs3.com/wireapnewsnj/NJ.s.Salem.2.1403766.html>

Information also derived from the NRC Power Reactor Status Reports:

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

Ice Intake Forces PSE&G to Reduce its 1,096 MW Salem Nuke Unit 1 in New Jersey to 80 Percent January 3

Public Service Enterprise Group's (PSE&G) Salem nuclear unit 1 was reduced to 80 percent of capacity the morning of January 3 because the unit was taking ice into its cooling mechanism. The Nuclear Regulatory Commission reported that on the morning of January 2 the unit was operating at full power.

<http://cbs3.com/wireapnewsnj/NJ.s.Salem.2.1403766.html>

Information also derived from the NRC Power Reactor Status Reports:

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

Xcel's 347 MW Harrington Coal-fired Unit 2 in Texas Shut by January 1

According to a filing with state regulators, the unit shut down due to excessive turbine vibration.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133735>

Reuters, 9:32 January 4, 2010

AEP's 528 MW Welsh Coal-fired Unit 1 in Texas Shut by December 28-30

The unit was shut to fix the GSU transformer due to increased gassing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133725>

Reuters, 9:32 January 4, 2010

Reuters, 08:44 January 4, 2010

Luminant's 750 MW Martin Lake Coal-fired Unit 2 in Texas Shut by January 2

The unit shut to fix a boiler tube leak.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133855>

Reuters, 9:32 January 4, 2010

Reuters, 08:32 January 4, 2010

AEP's 675 MW Pirkey Coal-fired Unit in Texas Shut by January 4

According to a filing with state regulators, the unit shut due to a boiler feed control problem.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133878>

Reuters, 08:22, January 4, 2010

Reuters, 9:32 January 4, 2010

Exelon's 1,111 MW La Salle Nuke Unit 1 in Illinois at Full Power by January 4

The Nuclear Regulatory Commission reported that on the morning of January 3 the unit was operating at 75 percent.

Information derived from the NRC Power Reactor Status Reports:

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

Update: TVA's Browns Ferry Nuke Unit 1 in Alabama Returns to Full Power by January 4

The unit returned from 70 percent capacity after operators reduced the unit last week to fix a problem with a moisture separator.

Reuters, 7:45 January 4, 2010

Update: Duke Energy's 510 MW Moss Landing Gas-fired Unit 2 in California Returns to Full Power by January 3

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 260 MW.

<http://www.caiso.com/unitstatus/data/unitstatus201001031515.html>

CDWR's 374 MW San Luis Hydro Unit in California Returns to Full Power by December 31

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 310 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200912311515.html>

Entergy's 1,207 MW Grand Gulf Nuke Unit 1 in Mississippi Ramped Up to 98 Percent by January 3

The Nuclear Regulatory Commission reported that on the morning of January 2 the unit was operating at 87 percent. Information derived from the NRC Power Reactor Status Reports:

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

AES Wind Generation Announces Commercial Operation of 101 MW Armenia Mountain Wind Farm in Pennsylvania January 4

AES Wind Generation, a subsidiary of AES Corporation, announced the start of commercial operation for its 101 MW Armenia Mountain wind farm in Pennsylvania. The project is comprised of 67 1.5 MW GE wind turbines. A spokesperson for AES Wind Generation said Armenia Mountain is the company's first wind project in PJM Interconnection.

<http://newsroom.aes.com/phoenix.zhtml?c=202639&p=irol-newsArticle&ID=1370168&highlight>

NextLight Renewable Power Plans 150 MW Solar Photovoltaic Plant in Nevada

According to a filing with the Nevada Public Utilities Commission, NextLight Renewable Power filed for permission to build a 150 MW photovoltaic (pv) power plant in Boulder City, Nevada; an area of the state designated as an "energy zone" meaning projects built in this designated location allows for a fast-track permitting process.

<http://www.platts.com/RSSFeedDetailedNews.aspx?xmlpath=RSSFeed/HeadlineNews/ElectricPower/6706018.xml>

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

Snow, Wind Storm Knock out Power to Over 45,000 NB Power Customers in Atlantic Canada January 3-4

High winds and snow brought damage throughout the area of New Brunswick, Canada over January 3-4, knocking out power to over 45,000 NB Power customers. The utility is reporting over 3,000 customers still without power the morning of January 4.

http://www.ctv.ca/servlet/ArticleNews/story/CTVNews/20100104/maritimes_cleanup_100104/20100104?hub=CandaAMV2

<http://www.nbpower.com/Open/Outages.aspx?lang=en>

Petroleum

FCC Unit at Sunoco's 179,000 b/d Marcus Hook, Pennsylvania Refinery Shut January 3-4

The 93,000 b/d fluid catalytic cracking unit (FCC) at the refinery went offline over the weekend of January 3-4 for reasons not disclosed. As of January 4, the unit had begun recirculating and is expected to return to service by January 5, yet cold weather is said to possibly hamper the restart of the unit.

Reuters, 09:44 January 4, 2010

Crude from North Dakota Sent to Oklahoma Via Rail, EOG Resources Reports

EOG Resources announced its first 60,000 barrel shipment of Bakken crude oil from North Dakota is due to Stroud, Oklahoma January 4 via railroad, with final transportation through a new 17-mile pipeline on to Cushing, Oklahoma.

<http://abcnews.go.com/Business/wireStory?id=9474255>

Natural Gas

Nothing to report.

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
January 4, 2010			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	81.30	79.02	39.25
NATURAL GAS Henry Hub \$/Million Btu	5.82	5.75	5.71

Source: Reuters

Energy Notes

Russia and Belarus in Dispute Over Energy Prices, Financial Times Reports Russia Temporarily Cut Off Crude Oil Flow to Belarus

http://www.ft.com/cms/s/0/45e87598-f863-11de-beb8-00144feab49a.html?nclick_check=1

Reuters, 10:15 January 4, 2010

Heating Oil Futures Increase as Cold Weather from Texas to Maine Strains Inventories

Bloomberg News, 12:32 January 1, 2010

Update: Proposed 745-Mile Mackenzie Gas Pipeline in Northern Canada Receives Positive Environmental Impact Review, Approval Recommended by Joint Federal-Provincial Panel

http://www.rigzone.com/news/article.asp?a_id=84890

Update: Hyperion Revises Timeline for 400,000 b/d Proposed Elk Point Refinery in South Dakota: Construction to Begin in 2011, Production to Begin in 2015

<http://www.argusleader.com/article/20100102/NEWS/1020315/1001/news>

Nuclear Fuel Services Plant in Tennessee Suspends Production while NRC Performs Safety Inspections

<http://www.whsv.com/home/headlines/80438432.html>

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>

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