



ENERGY ASSURANCE DAILY

Thursday Evening, January 17, 2008

Electricity

FERC Approves NERC-Developed Cyber Security Standards January 17

The Federal Energy Regulatory Commission (FERC) approved eight new critical infrastructure protection (CIP) reliability standards, designed to protect the U.S. power system from cyber attacks. The standards are mandatory and enforceable, FERC's Chairman said. The North American Electric Reliability Corporation (NERC) developed the standards, which address, among other issues: identifying critical assets, personnel training, incident reporting, and recovery plans.

<http://www.ferc.gov/news/news-releases/2008/2008-1/01-17-08-E-2.asp>

TVA Shuts 1,160 MW Sequoyah Nuke Unit 1 in Tennessee January 16

Tennessee Valley Authority (TVA) shut the unit January 16 to fix a problem with a steam generator feedwater system. According to the Nuclear Regulatory Commission, the unit was operating at 100 percent on January 16. Bloomberg, 11:05 January 17, 2008

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

FPL Shuts 510 MW Point Beach Nuke Unit 1 in Wisconsin January 16

FPL shut the unit January 16 to fix a malfunctioning electrical transformer. Bloomberg, 08:56 January 17, 2008

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: Entergy's 1,207 MW Grand Gulf Nuke Unit 1 in Mississippi Ramped Up to 44 Percent January 17

According to the Nuclear Regulatory Commission, the unit was operating at 9 percent on January 16. It shut January 12 due to degraded cooling to main transformers, and an electrical fault. Bloomberg, 10:04 January 15, 2008

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: NRC to Investigate Safety System Problem at Wolf Creek's 1,236 Wolf Creek Nuclear Power Plant in Kansas—Unit Restarts January 16

Wolf Creek operators have restarted the plant, which ramped up to 34 percent of capacity by early January 17. On January 10, operators closed the facility when gas pockets were discovered in a water pipe that supplies cooling water to the reactor during an emergency. The Nuclear Regulatory Commission (NRC) has ordered a special investigation of the incident, which will focus on the circumstances related to the problem, the licensee's root cause evaluation and the effect it had on the operability of the safety system.

Reuters, 11:43 January 16, 2008

http://www.nrc.gov/reading-rm/doc-collections/news/2008/08-006_iv.html

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

ATCO's 378 MW Sheerness Coal-fired Unit 2 in Alberta Shut January 17

Reuters, 8:31 January 17, 2008

PSC Approves NYSEG's Bid to Upgrade Transmission Facilities in New York January 16

The New York State Public Service Commission (PSC) awarded New York State Electric and Gas Corporation (NYSEG) a Certificate of Environmental Compatibility and Public Need for its proposed Ithaca Transmission Project January 16. NYSEG plans to upgrade or construct 29.8 miles of 115 kV transmission lines, build a 345/115 kV substation, and improve equipment at three existing substations. The project should be completed by 2010.

[http://www3.dps.state.ny.us/pscweb/WebFileRoom.nsf/ArticlesByCategory/CB97FA27E98CB6C0852573D200587EAB/\\$File/pr08006.pdf?OpenElement](http://www3.dps.state.ny.us/pscweb/WebFileRoom.nsf/ArticlesByCategory/CB97FA27E98CB6C0852573D200587EAB/$File/pr08006.pdf?OpenElement)

U.S. Wind Power Capacity Jumped 5,244 MW Last Year Forty-Five Percent Spike is the Largest Ever, AWEA Says

Wind power accounted for 30 percent of new power generation in 2007, the American Wind Energy Association said January 17. For the first time, wind farms source more than 1 percent of U.S. electricity output.
Reuters, 09:00 January 17, 2008

PSC Okays Sheldon Energy's Bid for 112.5 MW Wind Farm in New York January 16

The New York State Public Service Commission (PSC) granted Sheldon Energy a Certificate of Public Convenience and Necessity for its proposed 112.5 MW wind farm, the PSC said January 16. Sheldon Energy plans to construct 75 1.5 MW wind turbines, and associated facilities.

[http://www3.dps.state.ny.us/pscweb/WebFileRoom.nsf/ArticlesByCategory/1F4952E9A5B11987852573D20063789C/\\$File/pr08010.pdf?OpenElement](http://www3.dps.state.ny.us/pscweb/WebFileRoom.nsf/ArticlesByCategory/1F4952E9A5B11987852573D20063789C/$File/pr08010.pdf?OpenElement)

Petroleum

EIA: U.S. Crude Stocks Rise 4.3 Million Barrels in Week Ending January 11 First Upward Movement in Nine Weeks

U.S. oil stocks jumped 4.3 million barrels last week, as refinery use dipped and imports rose, the Energy Information Administration (EIA) said January 16. Inventories totaled 287.1 million barrels.

<http://uk.reuters.com/article/oilRpt/idUKN1663036120080116>

Equipment Malfunction at ConocoPhillips 146,000 b/d Borger, Texas Refinery January 16

According to a filing with state regulators, an equipment malfunction resulted in flaring. The event lasted under two hours, January 16.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=102465>

Enbridge to Boost Capacity along 110,000 b/d Oil Pipeline in North Dakota, Minnesota

Enbridge plans to install new, larger pumps, and hike throughput along its 110,000 b/d North Dakota-to-Minnesota oil pipeline, a state regulator said. The new equipment will boost capacity by 51,000 b/d, to 161,000 b/d, he said. The pipeline delivers North Dakota crude to a Minnesota refinery. North Dakota's Public Service Commission approved Enbridge's request to immediately file a siting application.

<http://www.kxmc.com/News/198792.asp>

Power Failure at Kirkuk, Iraq Oilfields May Hamper Iraq's Agreements to Sell More than 300,000 b/d of Crude

Iraq stopped pumping oil along its northern pipeline into Turkey, the nation's Oil Ministry said, after a power failure stalled Kirkuk oilfield production. Consequently, oil stocks at Turkey's Ceyhan port have dipped to between 400,000 and 500,000 barrels, a shipping source said. Trading sources were skeptical that Iraq could meet its pledges to sell over 300,000 b/d of crude.

Reuters, 10:18 January 17, 2008

Natural Gas

Malfunction, Flaring at Eustace Gas Plant in Texas January 16

According to a filing with state regulators, a blowout on the west side of the Scot Burner resulted in flaring, January 16. The burner will be repaired as soon as possible, the filing said.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=102479>

Update: Southern Union Completes 625 MMcf/d Expansion along Trunkline Gas Company's Natural Gas Pipeline in Texas, Louisiana January 16

The Field Zone Expansion added 625 MMcf/d of capacity to Trunkline Gas Company's existing pipeline system, which delivers natural gas from Gulf Coast suppliers to Midwest and East Coast markets. Specifically, the build increased throughput capacity from Texas into the Erath, Louisiana area and the Henry Hub. Trunkline Gas Company is a subsidiary of Southern Union.

<http://www.southernunionco.com/sug.asp?frame=news>

Other News

Magellan to Boost Ethanol Blending Capacity at Terminal in Tulsa, Oklahoma

Magellan Midstream will increase ethanol blending capacity by 35,000 at a terminal in Tulsa, Oklahoma, a company spokesman said. It will also convert five other terminals to blend ethanol.

<http://www.platts.com/Oil/News/6721479.xml?p=Oil/News&sub=Oil>

Energy Prices

U.S. Oil and Gas Prices			
January 17, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S. \$/Barrel	90.41	99.18	52.30
NATURAL GAS			
Henry Hub \$/Million Btu	8.23	7.83	6.57

Source: Reuters

Energy Notes

Shell Oil Pipeline in Louisiana Leaks, Spills 265 Barrels of Oil into Ditch System Some Nearby Residences Evacuated January 16

<http://www.hattiesburgamerican.com/apps/pbcs.dll/article?AID=/20080117/NEWS01/80117032>

Update: Police Recover Stolen Diesel Tanker Truck in Washington D.C. January 15— 3,500-gallon Fuel Storage Tank Emptied, Official Says

<http://local.lancasteronline.com/4/215223>

Update: CEC Okays Starwood's Proposal for 120 MW Gas-fired Peaking Plant in California January 16

http://www.energy.ca.gov/releases/2008_releases/2008-01-16_starwood_approved.html

Perihelion Global Gains State Approve Bid to Add 16,129 Barrels of New Storage Capacity at Opp, Alabama Refinery January 16

MKW, 16:34 January 16, 2008

Peak Winter Demand Will Spike OPEC Exports by 140,000 b/d in Four Weeks Ending February 2, Analyst Says

Reuters, 12:07 January 17, 2008

Update: Colonial Extends Gasoline Throughput Limit on Gulf Coast-to-East Coast Pipelines, as Demand Continues to Outpace Capacity January 16

Bloomberg, 10:09 January 17, 2008

API: U.S. Fuel Production Hits Record in 2007—Gasoline Production Up 1.3 Percent, to 8.98 Million b/d and Distillate Fuel Output Jumps 2.3 Percent, to 4.13 Million b/d

Bloomberg, 10:00 January 17, 2008

Update: Repsol Seeks Approval to Import LNG at Proposed Canaport Terminal into New Brunswick, Canada and to Export up to 1 Bcf/d of Natural Gas to U.S.

<http://www.reuters.com/article/governmentFilingsNews/idUSN1664355020080116>

BP's Sullom Voe Oil Terminal Reopens in North Sea, Scotland, as Bad Weather Eases January 16

Bloomberg, 02:07 January 17, 2008

Update: PDVSA Restarts 640,000 b/d Amuay, Venezuela Refinery January 17 Electrical Failure Shut Units Last Weekend

Reuters, 11:55 January 17, 2008

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

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 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

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

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