



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

ENERGY ASSURANCE DAILY

Tuesday Evening, December 22, 2009

Major Developments

Snow Storm Cut Power to More than 480,000 Customers across U.S. East Coast December 18-21

A major snowstorm slammed the East Coast from the Carolinas to Massachusetts beginning Friday December 18. Transportation was disrupted all along the coast, causing over 15,000 flights to be canceled across the country, knocking out power lines and stranding motorists. The mayor of Washington D.C. declared a snow emergency, following the state of emergency that Governor Kaine of Virginia declared on Friday in advance of the storm. By Saturday afternoon, Governor O'Malley of Maryland, Governor Beshear of Kentucky, Governor Manchin of West Virginia also declared emergencies. The following table lists peak and current outage figures, based on latest available data.

East Coast Winter Storm Customer Power Outages December 18 – December 22, 2009			
Electric Utility	State	Peak	Latest Reported
Appalachian Power	WV	135,500	65,934
Allegheny Energy	WV	31,000	13,855
Kentucky Power	KY	69,624	43,386
Kentucky Utilities	KY	35,000	2,650
Jackson Energy Cooperative	KY	10,771	880
Licking Valley Rural Electric	KY	8,500	500
Progress Energy	NC	67,000	6,631
Duke Energy	NC	19,781	94
Haywood EMC	NC	9,600	614
Appalachian Power	VA	43,200	30,744
Dominion	VA	6,000	109
Appalachian Power	TN	19,456	2,843
NSTAR	MA	15,000	1,000
BG&E	MD	11,000	70
TOTAL*		481,432	169,310

*Total outages only represent electric utilities listed in this table.

Sources:

Appalachian Power (WV, VA, TN): <https://www.appalachianpower.com/outages/>

Allegheny Energy (WV)

http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=

Kentucky Power (KY):

<https://kentuckypower.com/outages/details.aspx?stormName=December%2018%20Snow%20Storm%20-%20Kentucky%20Power> , <http://www.lex18.com/news/90000-still-without-power-in-state-following-snowstorm/>

Kentucky Utilities (KY): <http://www.eon-us.com/storm/interactivemap/default.htm> , <http://www.eon-us.com/storm/default.asp> , http://www.psc.ky.gov/agencies/psc/press/122009%5C1222_r03.PDF

Jackson Energy Cooperative (KY): http://www.psc.state.ky.us/agencies/psc/press/122009/1221_r01.PDF , <http://www.jacksonenergy.com/news/newsdetail.aspx?itemID=60>

Licking Valley Rural Electric Cooperative Corp.:

http://www.psc.ky.gov/agencies/psc/press/122009%5C1222_r01.PDF ,

http://www.psc.ky.gov/agencies/psc/press/122009%5C1222_r03.PDF

Progress Energy (NC): <http://www.progress-energy.com/aboutus/news/article.asp?id=23142>

Duke Energy (NC): <http://www.duke-energy.com/outages/stats/> , <http://www.citizen-times.com/article/20091219/NEWS01/91218069/1311>

Haywood EMC (NC): <http://www.haywoodemc.com/pages/outages.htm> ,
http://www.yourdailyjournal.com/printer_friendly/5250396
Dominion (VA): <http://thelede.blogs.nytimes.com/2009/12/19/winter-storm-races-north/>
<http://thelede.blogs.nytimes.com/2009/12/19/winter-storm-races-north/>
NSTAR (MA) http://www.nstaronline.com/residential/storm_center/updates.asp
Baltimore Gas & Electric – BG&E (MD): <http://www.washingtonexaminer.com/local/ap/nearly-10000-in-central-maryland-lost-power-79757402.html>
<http://ozarksfirst.com/content/fulltext/?cid=218081>
<http://www.nytimes.com/2009/12/21/us/21storm.html/>

Electricity

Exelon's 1,116 MW Peach Bottom Nuke Unit 2 in Pennsylvania Reduced to 49 Percent by December 22

The company slowed the unit "due to an instrumentation problem on an electrical bus," a news source said. A spokeswoman did not say when the unit would resume normal service. The Nuclear Regulatory Commission reported that on the morning of December 21 the unit was operating at full power.

<http://www.reuters.com/article/idUSN2216114320091222?type=marketsNews>

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Dominion's 1,130 MW Millstone Nuke Unit 3 in Connecticut Shut December 19

The unit shut due to an electrical malfunction in the main generator, the company said. The Nuclear Regulatory Commission reported that on the morning of December 19 the unit was operating at full power.

<http://www.reuters.com/article/idUSN2123327720091221?type=marketsNews>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Gulf Power Shuts Unit after Pipe Burst at 340 MW Lansing Smith Coal-fired Power Plant in Florida by December 18

Gulf Power shut one of two units at its 340 MW Lansing Smith coal-fired power plant in Florida after a pipeline rupture injured five employees by December 18, news sources said. The line was carrying high-pressure steam, and burst for unknown reasons; five employees suffered burns to the face or chest areas. It was not clear from multiple news sources which unit—the 150 MW Unit 1 or 190 MW Unit 2—was offline. The company said it would investigate the incident prior to any restart.

http://www.panhandleparade.com/index.php/mbb/article/four_people_injured_in_steam_accident_at_gulf_power_west_bay_plant/mbb7720432/print

<http://www.wjhg.com/home/headlines/79689127.html>

Luminant's 593 MW Big Brown Coal-fired Unit 2 in Texas Shut December 20

The unit shut "due to suspected condenser vacuum failure," Luminant said in a filing with state regulators. The company did not say when the unit might return to service.

<http://www11.tceq.state.tx.us/oce/ee/index.cfm?fuseaction=main.getDetails&target=133516>

Watson's 417 MW Watson Gas-fired Unit in California Shut by December 19, Returns to Service by December 20

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 217 MW by December 19.

<http://www.caiso.com/unitstatus/data/unitstatus200912191515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200912201515.html>

CDWR's 237 MW Devil Canyon Hydro Units 1-4 in California Reduced by December 21

According to the California Independent System Operator, the units reported an unplanned curtailment of 227 MW by December 21.

<http://www.caiso.com/unitstatus/data/unitstatus200912211515.html>

Reliant's 215 MW Mandalay Gas-fired Unit 2 in California Shut by December 20

According to the California Independent System Operator, the unit experienced an unplanned outage by December 20.

<http://www.caiso.com/unitstatus/data/unitstatus200912201515.html>

SCE's 200 MW Eastwood Hydro Unit in California Shut by December 19, Returns to Service by December 20

According to the California Independent System Operator, the unit experienced an unplanned outage by December 19.

<http://www.caiso.com/unitstatus/data/unitstatus200912191515.html>

<http://www.caiso.com/unitstatus/data/unitstatus200912201515.html>

Update: AEP's 1,030 MW D.C. Cook Nuke Unit 1 in Michigan Ramped Up to 96 Percent by December 22

American Electric Power (AEP) restarted the unit by December 18, some 15 months after it shut due to turbine vibrations and associated damage, sources reported. The unit shut "when turbine vibrations, caused by broken low-pressure turbine blades, damaged the turbine generator, support structures and associates systems" in September 2008, AEP said in a release. The Nuclear Regulatory Commission reported that on the morning of December 21 the unit was operating at 48 percent. AEP plans to operate the unit at about 70 MW below capacity until the fall of 2011, when it aims to install new equipment and resume full output.

<http://www.aep.com/newsroom/newsreleases/?id=1581>

<http://www.reuters.com/article/idUSN2221290420091222?type=marketsNews>

<http://www.reuters.com/article/idUSN1821619820091218?type=marketsNews>

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: SCE&G's 966 MW Summer Nuke Unit in South Carolina at Full Power by December 19

The Nuclear Regulatory Commission reported that on the morning of December 18 the unit was operating at 73 percent. The unit was shut on December 16 due to a valve problem.

<http://www.reuters.com/article/idUSN2123213320091221?type=marketsNews>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: Progress Energy's 872 MW Brunswick Nuke Unit 1 in North Carolina at Full Power by December 19

The Nuclear Regulatory Commission reported that on the morning of December 18 the unit was operating at 66 percent. The unit was reduced by December 18 due to an offsite transmission line problem.

<http://www.reuters.com/article/idUSN2123194220091221?type=marketsNews>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Luminant to Restart 593 MW Big Brown Coal-fired Unit 1 in Texas December 21

The unit shut due to boiler feed problems, the company said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133509>

Luminant to Restart 591 MW Sandow Coal-fired Unit 4 in Texas December 21

The unit shut "due to low superheat temperature" on December 21, the company said in a filing with state regulators. Operators had just returned the unit from a separate, maintenance-related outage, according to a separate filing.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133521>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133522>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133328>

Update: Multiple Companies' 316 MW Vincent Qfs Wind-powered Unit in California Returns to Service December 18

According to the California Independent System Operator, the unit shut for unplanned reasons on December 14.

<http://www.caiso.com/unitstatus/data/unitstatus200912181515.html>

Update: Seminole Electric Abandons Plans for 750 MW Palatka Coal-fired Unit 3 in Florida by December 18

The company cited "the uncertain regulatory and legal environment" in its decision.

<http://www.palatkadailynews.com/articles/2009/12/19/news/news01.txt>

Update: Allegheny, AEP Re-file Maryland Application, Seek Virginia Withdrawal for Planned 765-kV, 275-mile, West Virginia-to-Maryland PATH Transmission Line

Allegheny Energy's Potomac Edison Company filed an application with the Maryland Public Service Commission to construct the 20-mile Maryland portion of Allegheny's and American Electric Power's (AEP) planned 765-kV, 275-mile West Virginia-to-Maryland Potomac-Appalachian Transmission Highline (PATH) project, the companies said in a release. The move came about three months after the PSC rejected the companies' initial application, saying the project's planned operator was not an electric utility, a news source said. Separately, Allegheny Virginia Transmission Corporation—an Allegheny affiliate—asked the Virginia State Corporation Commission to permit the withdrawal of its application for the PATH line's proposed 31-mile Virginia segment. The company said it planned to file a new application in early 2010. The joint decisions were "designed to coordinate the procedural schedules in the three states and to enable the respective commissions to consider the need for the project based on the same facts," the companies said in the release. The companies expect to open the project by June 2014.

http://www.businesswire.com/portal/site/alleghenyenergy/?ndmViewId=news_view&newsId=20091221005868&newsLang=en

<http://www.nbc12.com/Global/story.asp?S=11713086>

Petroleum

Update: Iraq Retakes Oil Well from Iranian Forces December 20

Iraq retook a non-producing oil well at the al-Fakkah field near the Iranian border on December 20, three days after Iranian forces occupied the site. The well-in-question sits on disputed land—at least one Iranian official claimed the site was actually part of Iran. It was not immediately clear what provoked the incident

http://www.google.com/hostednews/ap/article/ALeqM5hwK_CSxBxsNuVUEaDuOwmSSCiqGwD9CN7TG82

Bloomberg News, 10:35 December 20, 2009

Bloomberg News, 10:04 December 19, 2009

Reuters, 11:50 December 20, 2009

Reuters, 03:43 December 22, 2009

Update: LyondellBasell to Restart Crude Unit by End of Week at 270,000 b/d Houston, Texas Refinery

LyondellBasell shut the unit due to an overflow line leak by December 17, a spokesman said previously. The company had expected to operate the facility at 50 percent capacity, pending repairs, according to the earlier statement.

Bloomberg News, 12:13 December 21, 2009

<http://www.reuters.com/article/idUSN1719160920091217?type=marketsNews>

<http://english.capital.gr/news.asp?id=875557>

Bloomberg News, 14:01 December 18, 2009

Update: Husky Restarts Unit at 160,000 b/d Lima, Ohio Refinery by December 22

Husky repaired and restarted a gasoline-producing reformer at its 160,000 b/d Lima, Ohio refinery by December 22, a spokesman said by December 22. It was not clear when or why the unit went offline. Separately, the spokesman said operators expected to restart the facility's fire-damage isocracker by "next weekend." Husky had expected to run the 160,000 b/d facility at 120,000 b/d until it restarted the isocracker, a spokesman said previously. The isocracker went offline in November, according to an earlier news source.

Bloomberg News, 12:32 December 22, 2009

Reuters, 14:59 December 14, 2009

U.S. Government Will Complete Fill of 727 Million Barrel SPR within Days—News

A 500,000 barrel delivery will fill the 727 million-barrel Strategic Petroleum Reserve (SPR) within days, a news source said on December 22.

http://www.rigzone.com/news/article.asp?a_id=84511

Louisiana Offshore Oil Port (LOOP) Unloaded Less Foreign Oil in 2009

According to a spokesperson, LOOP has unloaded 15 to 20 percent less crude from foreign supertankers this year due to a decrease in demand. LOOP plans to expand its storage capacity in response to the variable energy demand.
<http://www.houmatoday.com/article/20091220/ARTICLES/912209979?Title=Less-foreign-oil-coming-through-Louisiana-Offshore-Oil-Port>

Attack Forces Shut 600,000 b/d Iraq-to-Turkey Oil Pipeline by December 20

Iraq planned to restart the line on December 22, an Oil Ministry official said. The line typically delivers 420,000-to-450,000 b/d of oil—below its 600,000 b/d capacity—from Kirkuk, Iraq to Ceyhan, Turkey, according to a news source.

<http://english.aljazeera.net/news/middleeast/2009/12/2009122013166878529.html>

http://news.xinhuanet.com/english/2009-12/22/content_12688810.htm

Bloomberg News, 01:32 December 22, 2009

Despite Recent Deals, Iraq Does not Expect Big Jump in Oil Output by 2012

It will take several years for companies to bring online recently-contracted oil fields in Iraq, the nation's Oil Minister said. The government, consequently, does not expect its oil production levels to rise significantly by 2012, he said. "Iraq doesn't expect any significant increase next year, not even in 2011," he said.

Bloomberg News, 23:42 December 20, 2009

Militants Attack Pipeline, End Cease-fire in Nigeria

Militants attacked a Chevron-or-Shell-owned oil pipeline in the Niger Delta, Nigeria on December 19, ending a cease-fire begun on October 25, according to the area's main rebel group, the Movement for the Emancipation of the Niger Delta (MEND). MEND blamed the attack, in part, on what it said were slowed peace talks between it and the federal government. Nigeria's president, Umaru Yar'Adua, had been absent for several weeks—due to health problems—as of the pipeline attack. Shell said it was unaware of any attacks to its facilities, and a Chevron spokesperson could not be reached, a news source said.

<http://www.businessweek.com/ap/financialnews/D9CMENQ80.htm>

Petrobras' Average Oil and Gas Production in November Increased 6.6 Percent from October in Brazil

Petrobras produced an average 2.3 MMboe/d of oil and gas in November, compared to 2.17 MMboe/d in October. Crude production increased 7 percent in 12 months, while natural gas production remained about the same, year-on-year.

http://www.rigzone.com/news/article.asp?a_id=84347

South Korea Seeks to Store 141 Million Barrels of Oil by 2013

South Korea expects to boost its oil storage to about 124 million barrels by the end of this year—from an estimated 120.7 million barrels, at present—and plans to store 141 million barrels of crude by 2013, a news source said.

Reuters, 22:22 December 20, 2009

Kuwait Oil Co. Finds 80,000 b/d Oil-and-Gas-field by December 22

The company discovered the field at an unspecified location, according to a news source.

Reuters, 11:35 December 22, 2009

Natural Gas

CIG Declares Force Majeure at 115 MMcf/d Lost Cabin Compressor Station in Wyoming

Colorado Interstate Gas (CIG) planned to reduce capacity from 115 MMcf/d to 90 MMcf/d at its Lost Cabin Compressor Station in Wyoming, beginning December 19, the company said. Operators expected to overhaul the unit after a "coolant leak" caused "extensive crankcase damage to a unit," according to the notice. The work was slated to last until February 19, 2010.

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CIG&sSubCategory=Critical&sNoticeId=7952>

Equipment Failure Shuts 160 MMcf/d Goldsmith Gas Plant, Leads to Flaring at Notrees Booster and Andector Booster Stations in Texas December 18

Goldsmith gas plant experienced a heat exchanger tube failure, which caused a shutdown of the plant, according to a filing with state regulators. This resulted in flaring events at Notrees and Andector Booster Station upstream of the plant, operators said in separate filings. Flaring was necessary at Notrees to protect pipelines, according to one report.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133481>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133487>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133500>

Update: Anadarko Restarting 700 MMcf/d Independence Hub Natural Gas Project in Gulf of Mexico December 21

The company shut the site for maintenance by December 17, a spokesman said previously.

http://www.rigzone.com/news/article.asp?a_id=84344

Bloomberg News, 10:32 December 21, 2009

Update: Canadian Superior to File Applications by Third Quarter of 2010 for Planned 2.4 Bcf/d Liberty LNG Project Offshore New Jersey

The company expects to open the facility and an associated pipeline by late 2011, according to a previous release.

http://cnrp.ccnmatthews.com/client/canadian_superior_energy/release.jsp?actionFor=1093927

http://cnrp.ccnmatthews.com/client/canadian_superior_energy/release.jsp?actionFor=858611

BLM Approves Noble Energy Plan to Drill Natural Gas Wells near Former Nuclear Test Site in Colorado

Noble Energy plans to drill 79 natural gas wells over the next three-to-five years within a half a mile of a former nuclear test site in Colorado, a news source said. The federal government conducted the nuclear test, known as "Project Rulison," in 1969; the aim was to see if nuclear explosions could help recover underground natural gas deposits. The recovered gas, however, was radioactive, and the government halted the work. The site has seen no commercial drilling since.

<http://denver.bizjournals.com/denver/stories/2009/12/21/daily10.html>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
December 22, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	73.77	70.62	32.74
NATURAL GAS Henry Hub \$/Million Btu	5.56	5.53	5.66

Source: Reuters

BP Sees no "Appreciable" Affect to Production after Leak along 6-inch Pipeline at Oil Well in North Slope, Alaska by December 22

<http://online.wsj.com/article/BT-CO-20091222-709241.html>

<http://www.reuters.com/article/idUSN2212189820091222>

First Solar and NRG Energy Begins Commercial Operation of 21 MW Blythe, California Solar Facility

<http://finance.yahoo.com/news/First-Solar-and-NRG-Energy-bw-3666491508.html?x=0&.v=1>

FERC Approves Symbiotics' 10 MW Hydro-powered Addition to USACE's Applegate Dam in Oregon, Construction Could Begin in 2011

http://www.oregonlive.com/environment/index.ssf/2009/12/ferc_approves_hydropower_licen.html

<http://www.mailtribune.com/apps/pbcs.dll/article?AID=/20091218/NEWS/912180324>

Update: Catholic University of America Completes 294 KW Solar Panel Installation in Washington, D.C.—Site is District's Largest Solar Project

<http://www.prnewswire.com/news-releases/now-completed-solar-panel-systems-at-catholic-university-help-students-apply-classroom-instruction-to-the-real-world-79834387.html>

Workers, Responders to Re-attempt Emergency Drill at Exelon's 641 MW Oyster Creek Nuclear Power Plant in New Jersey on January 28, 2010—FEMA Ordered Retry after "Deficiency" during Prior Drill

http://www.pressofatlanticcity.com/news/breaking/article_5e6f6afe-cee2-11de-ac69-001cc4c002e0.html

<http://www.app.com/article/20091216/NEWS/91216130/Oyster-Creek-nuclear-power-plant-to-rerun-emergency-drill>

Update: DOE, Utah Governor Agree to Deal that Would Prevent Permanent Radioactive Waste Storage in Utah, Pending Stricter Rules

<http://www.montgomeryadvertiser.com/article/20091218/BUSINESS/912180332/1003/rss05>

California Energy Commission Adopts 2009 Integrated Energy Policy Report, Focusing on Energy Reliability and Renewable Resources by December 17

http://www.energy.ca.gov/2009_energypolicy/index.html

http://www.energy.ca.gov/releases/2009_releases/2009-12-17_Adoption_2009_IEPR_main.html

Federal Courts Orders BP to Pay \$100 Million to Plaintiffs Exposed or Injured in Toxic Emissions Release in 2007 at it's 460,000 b/d Texas City, Texas Refinery

<http://www.prnewswire.com/news-releases/jury-orders-bp-to-pay-100-million-in-toxic-exposure-trial-according-to-the-buzbee-law-firm-79700302.html>

Valero and Shell among Two Refinery Companies that Built Networks to Monitor Refineries to Prevent Operational Snags and Fix Problems

http://www.downstreamtoday.com/news/article.aspx?a_id=20076

U.S. EPA and FBI to Investigate 46,000 Gallon Crude Oil Spill in Alaska's North Slope from BP Pipeline on November 29

http://www.upi.com/Top_News/US/2009/12/20/EPA-investigates-Alaska-oil-spill/UPI-85931261361972/

Equipment Failure Leads to Flaring at Shell's 329,000 b/d Deer Park, Texas Refinery December 18

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=133506>

Tanker Truck Overfills Fuel Tank at a Tesoro Gas Station in Wyoming, Explodes

December 17

<http://www.localnews8.com/Global/story.asp?S=11696848>

Federal Judge Overturns U.S. Forest Service Ban on Oil-and-Gas Drilling in Pennsylvania's Allegheny National Forest by December 22

<http://www.timesleader.com/news/ap?articleID=3448422>

Diesel-Carrying Tanker Crashes into Service Rig, Spilling Fuel and Triggering Fire in Alberta, Canada December 21

<http://www.inews880.com/Channels/Reg/LocalNews/story.aspx?ID=1177679>

OPEC Leaves Oil Production Quotas Unaltered December 22

Bloomberg News, 09:57 December 22, 2009

Eocene Geologic Zone Offshore Nicaragua Could Contain Nearly 10 Billion Barrels of Oil—Thompson & Knight Global Energy Services LLC

<http://www.prnewswire.com/news-releases/further-interpretation-of-seismic-data-expands-estimates-for-potential-oil-contained-in-infinity-energy-resources-offshore-nicaraguan-concessions-79887562.html>

New Zealand's Deepwater Basins Hold at Least 20 Billion Barrels of Oil Equivalent—Scientist

http://www.rigzone.com/news/article.asp?a_id=84513

China Oil Demand Jumps Record 18.7 Percent from November 2008 to November 2009—Reuters

<http://www.cnbc.com/id/34519476>

Equipment Failure Leads to Flaring at 12 MMcf/d Big Lake Gas Plant in Texas December 19

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133510>

Compressors Shut, Restart at Cedar Lake Booster Station in Texas December 19

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133513>

Compressor Shutdown at Welch CO2 Gas Processing Facility in Texas December 20

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=133542>

Gulf Hydrocarbon Opens Biodiesel Terminal in Brownsville, Texas by December 21

BSW, 11:10 December 21, 2009

With Eye on Arctic Deposits, Russia Launches Oil Tanker Able to Cut Through More Than Three Feet of Ice December 18

Reuters, 12:58 December 18, 2009

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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