

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

Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Monday Evening, December 22, 2008

### Electricity

### Update: New Storms Slow Recovery, but Utilities Restore Power to Most Customers in U.S. Midwest by December 22

Utilities restored power to most U.S. Midwest customers over the weekend, even as new storms hindered recovery efforts in some service territories. As of latest reports, just over 70,000 customers remained without power across Indiana, Illinois, Ohio and Missouri. Freezing temperatures and winds continued to cause more outages within Indiana-Michigan Power's service territory, but the company had restored power to the majority of its affected customers by today, as of latest reports. Ameren was working to restore just under 3,000 customers, down from a peak of 39,144.

Midwest Customer Power Outages December 19-22, 2008				
Indiana-Michigan Power (AEP)	IN	122,697	41,993	
NIPSCO	IN	58,000	3,500	
Duke-Energy	IN	18,230	36	
KREMC	IN	7,000	0	
Indianapolis Power & Light	IN	6,000	400	
Ameren	IL	39,144	2,888	
ComEd	IL	14,000	3,000	
Eastern Illini Electric Cooperative	IL	1,400	1,400	
AEP-Ohio	OH	21,885	1,294	
FirstEnergy	OH	13,000	13,000	
Duke-Energy	OH	2,321	396	
Paluding-Putnam Electric Cooperative	OH	7,000	3,500	
AmerenUE	MO	2,092	158	
TOTAL*		312,769	71,565	

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

http://www.nipsco.com/news/122208b.pdf

http://www.indianamichiganpower.com/news/outages/default.asp

http://www.duke-energy.com/indiana/outages/current.asp

http://www.aepohio.com/news/outages/default.asp

http://www.duke-energy.com/ohio/outages/current.asp

https://www2.ameren.com/outagemap/default.aspx?state=MO

https://www2.ameren.com/outagemap/default.aspx?state=IL

http://www.wifr.com/home/headlines/36580589.html

http://www.crescent-news.com/news/article/4491820 http://www.wsbt.com/news/local/36579294.html

http://daily-journal.com/archives/dj/display.php?id=432942

http://www.theindychannel.com/news/18333276/detail.html

http://www.iplpower.com/ipl/index?page=IPLGeneral&Menu=01000000&DocID=0203917431b9011a564c249300 71c8

http://ameren.mediaroom.com/index.php?s=43&item=583

#### Storms Cut Power to About 67,000 Customers in Pacific Northwest by December 22

Winter storms cut power to about 55,000 Portland General Electric (PGE) customers in Oregon and 12,000 Puget Sound Energy customers in Washington, based on multiple sources. The weather also forced closed part of Interstate 84 in Washington and Interstate 90 in Oregon. <u>http://www.kvewtv.com/news/?sect\_rank=1&section\_id=18&story\_id=12456</u> <u>http://blog.seattlepi.nwsource.com/seattle911/archives/157676.asp</u> <u>http://www.google.com/hostednews/ap/article/ALeqM5gudBnWr4taA9LEMITo1PJ2kLFvKQD95711000</u>

#### Winter Storm Cuts Power to More than 100,000 Canadian Customers Over Weekend

Winds gusted up to 75-mph in Nova Scotia, and harsh weather cut power to Canadian customers in Nova Scotia, British Columbia, New Brunswick and Prince Edward Island. As many as 89,000 Nova Scotia Power customers were without electricity by this morning, a spokeswoman said. The company expected harsh weather to continue for several more days. More than 10,000 BC Hydro customers in British Columbia, about 8,000 NB Power customers in New Brunswick, and more than 2,000 customers in Prince Edward Island were also without power, sources said. <a href="http://www.upi.com/Top\_News/2008/12/22/Atlantic\_Canada\_hit\_by\_brutal\_winter\_storm/UPI-15101229973445/http://www.google.com/hostednews/canadianpress/article/ALeqM5iYkQGAK79IEIdfZougiXsNwMyDfAhttp://www.timescolonist.com/Snowfall+warning+lifted+Greater+Victoria+still+mess/1105021/story.html</a> <a href="http://www.cbc.ca/canada/nova-scotia/story/2008/12/22/bc-snow-report-monday.html?ref=rss">http://www.cbc.ca/canada/british-columbia/story/2008/12/22/hc-snow-report-monday.html?ref=rss</a>

#### Update: Citing Lengthy Customer Outages, Massachusetts Officials Say They Will Investigate Unitil's Response to Winter Storms

Thousands of Unitil customers were without power for nine days after recent winter storms, and Massachusetts officials plan to investigate the utility's slow-moving response. Governor Deval Patrick was "deeply concerned about the lack of progress," a spokesman said in a December 21 news source. "Once power has been restored fully, the governor will ask the Department of Public Utilities to conduct an investigation into why it took Unitil so long to restore power," he said. Representative Stephen L. DiNatale also planned to investigate the company's handling of the storm. Unitil serves approximately 28,000 customers in the affected area. All its customers lost service during the event.

http://www.boston.com/news/local/massachusetts/articles/2008/12/21/utility\_taking\_the\_heat\_over\_outages/

# PSE&G's 1,096 MW Salem Nuke Unit 1 in New Jersey Reduced to 90 Percent by December 22

The Nuclear Regulatory Commission reported that on the morning of December 21 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports: http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/

#### Entergy's 836 MW Arkansas Nuclear Unit 1 in Arkansas Shut December 20

Entergy shut the unit on December 20 due to an unscheduled, partial insertion of a control rod bank, a spokesman said. He expected the outage to be "short term," but did not say when the unit would resume normal service. The Nuclear Regulatory Commission reported that on the morning of December 20 the unit was operating at full power. Reuters, 11:34 December 22, 2008

Bloomberg News, 09:21 December 22, 2008

Information also derived from the NRC Power Reactor Status Reports: http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/

#### Entergy Restarts 670 MW Pilgrim Nuclear Reactor in Massachusetts after Weather-Related Outage

The unit shut due to snowstorms on December 19, but returned to 1 percent power by this morning. "We had an icing situation in the switchyard," a spokesman said, adding that the company was performing tests and preparing the unit for restart. Separately, the Nuclear Regulatory Commission (NRC) said that operators shut the unit for preventive reasons, and that there were no significant problems.

http://boston.bizjournals.com/boston/stories/2008/12/22/daily1.html?ana=yfcpc

Information also derived from the NRC Power Reactor Status Reports:

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

### Reliant's 215 MW Mandalay Gas-fired Unit 1 in California Shut by December 21

According to the California Independent System Operator, the unit experienced an unplanned outage by December 21.

http://www.caiso.com/unitstatus/data/unitstatus200812211515.html

#### Exelon's 1,111 MW La Salle Nuke Unit 1 in Illinois at Full Power by December 22

The Nuclear Regulatory Commission reported that on the morning of December 21 the unit was operating at 80 percent.

Information derived from the NRC Power Reactor Status Reports:

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

## Update: Exelon's 855 MW Quad Cities Nuke Unit 2 in Illinois Ramped Up to 80 Percent by December 22

Exelon shut the unit on December 12 to install and test a new circuit breaker. Workers also replaced parts on a steam-converting system. The Nuclear Regulatory Commission reported that on the morning of December 21 the unit was operating at 7 percent.

Bloomberg News, 11:08 December 22, 2008

Information also derived from the NRC Power Reactor Status Reports:

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

## Progress Energy's 710 MW Robinson Nuke Unit 2 in South Carolina at Full Power by December 22

The Nuclear Regulatory Commission reported that on the morning of December 21 the unit was operating at 30 percent.

Information derived from the NRC Power Reactor Status Reports: http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/

#### NRG Restarts 765 MW Gas-fired Cedar Bayou Unit 1 in Texas December 21

The unit shut on December 20 due to "main power transformer issues," the company said in a filing with state regulators.

Bloomberg News, 10:09 December 22, 2008

## Reliant's 741 MW Ormond Beach Gas-fired Unit 1 in California Returns to Service by December 21

According to the California Independent System Operator, the unit returned from an unplanned outage. <u>http://www.caiso.com/unitstatus/data/unitstatus200812211515.html</u>

# CL&P, United Illuminating Energize 69-mile, 345 kV Middletown-Norwalk Transmission Project in Connecticut

The Connecticut Light and Power Company (CL&P) and The United Illuminating Company completed the 69-mile, 345 kV Middletown-Norwalk transmission project, according to a press release. The line stretches through 18 Connecticut towns, and completes a loop linking the southwest part of the state to existing transmission lines. The companies completed the line nearly one year ahead of schedule, the release said. http://nuwnotes1.nu.com/apps/mediarelease/clp-

pr.nsf/0/98AE82A7B6CEDF368525752400496D8F?OpenDocument

# NRC to Boost Oversight at SCE's 2,254 MW San Onofre Nuclear Power Plant in California

Southern California Edison's (SCE) San Onofre nuclear power plant will receive additional oversight from the Nuclear Regulatory Commission (NRC), after problems with an emergency battery at the site, the NRC said. Loose electrical connections, caused by inadequate maintenance instructions, kept the battery-in -question offline between 2004 and 2008, the NRC said. The battery supplies power to plant safety systems under some accident conditions. http://www.nrc.gov/reading-rm/doc-collections/news/2008/08-044.iv.html

#### OPG Shuts 494 MW Coal-fired Lambton Unit 2 in Ontario December 21

The unit is expected back online in about a week, a company spokesman said. Bloomberg News, 09:04 December 22, 2008 Reuters, 12:35 December 22, 2008

**OPG Shuts 494 MW Coal-fired Lambton Unit 4 in Ontario by December 22** Reuters, 12:35 December 22, 2008

#### TransAlta Shuts 406 MW Sundance Coal-fired Unit 6 in Alberta December 21

The plant shut early morning, December 21. Bloomberg News, 13:11 December 21, 2008

## Update: OPG Restarts 535 MW Lennox Oil-and-Gas-fired Unit 2 in Ontario by December 22

The unit shut by December 19. Reuters, 12:47 December 22, 2008

#### Update: OPG Restarts 494 MW Coal-fired Lambton Unit 3 in Ontario by December 22

The unit was offline for three weeks. As of this morning, it was operating at about 100 MW. Reuters, 12:35 December 22, 2008 Bloomberg News, 08:25 December 22, 2008

#### Westar Energy Completes Phase One of 345 kV Transmission Line in Kansas December 20

The completed phase stretches from near the Gordon Evans Energy Center in Colwich, Kansas, to the new Reno County Substation near Hutchinson, Kansas. It entered service on Saturday, December 20. Westar expects to begin construction on the project's second phase in January 2009, and complete work by early-to-mid 2010. When finished, that phase will extend the line from the Hutchinson area to the Summit Substation near Salina, Kansas. http://www.westarenergy.com/corp\_com/contentmgt.nsf/resources/2008-12-22/\$File/2008-12-22.pdf?openelement

# **Progress Energy Applies with NRC for 20-Year License Extension at 890 MW Crystal River Nuclear Power Plant in Florida**

The facility received a 40-year operating license in 1976. http://www.progress-energy.com/aboutus/news/article.asp?id=20442

## Update: EDP Renovaveis SA Begins Operations at 201 MW Meridian Way Wind Farm in Kansas

The farm consists of 67, 3 MW turbines. Bloomberg News, 07:47 December 22, 2008

### Petroleum

#### Fire Cuts Rates at Citgo's 156,000 b/d Corpus Christi, Texas Refinery December 21

The fire shut production at the sulfur recovery unit (SRU) "B" train and reduced rates at multiple other units, the company said in filings with state regulators. The incident—caused by a breach in the wall of a SRU—slowed feed rates to a coking unit, a mixed-distillate hydrotreater and a platformer, and curtailed steam movement to an amine regenerator. The fire was extinguished after 10 minutes. A Citgo spokeswoman did not discuss the extent of the impact.

http://uk.reuters.com/article/oilRpt/idUKN2148695320081222

Reuters, 13:20 December 21, 2008 Reuters, 08:33 December 22, 2008

Bloomberg News, 16:54 December 21, 2008

### As Gasoline Prices Drop, California Refiners Slow Operations, Postpone Projects

Valero plans to cut gasoline production by 25 to 30 percent, compared to normal levels, at seven of its facilities, as gasoline prices retreat rapidly from mid-summer highs. Included in Valero's reductions is the company's 144,000 b/d Benicia, California refinery. Tesoro, for similar reasons, expects to delay upgrade projects at its 166,000 b/d Golden Eagle refinery in Martinez, California.

http://www.tradingmarkets.com/.site/news/Stock%20News/2096359/

## Update: BP Restarts Ultracracker at 467,720 b/d Texas City, Texas Refinery Over Weekend

BP restarted the ultracracker and returned it to normal rates, a source familiar with the facility's operations said. The company was expected to restart a reformer, the source said, immediately following the ultracracker restart. BP said in a filing with state regulators that it expected to restart the ultracracker from December 19-22. <u>http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=117889</u> Reuters, 11:19 December 22, 2008

# Power Outage Shuts PdVSA's 320,000 b/d Curacao Refinery in Netherlands Antilles December 19

A malfunction at a power station transformer forced offline the 320,000 b/d refinery on Friday afternoon, sources reported. Some units remained offline yesterday, as officials continued to assess damage, the refinery said. The incident resulted in flaring.

Reuters, 11:08 December 21, 2008

Bloomberg News, 16:26 December 21, 2008

Bloomberg News, 16:30 December 19, 2008

Bloomberg News, 17:07 December 19, 2008

#### Power Outage Shuts PdVSA's 300,000 b/d Cardon, Venezuela Refinery December 18

A power failure forced offline the 300,000 b/d Cardon refinery, and affected some units at the nearby Amuay refinery. Together, the refineries process 900,000 b/d of oil and produce almost 200,000 b/d of gasoline. Despite the shutdown, an industry source said, "PdVSA stated that it had enough inventories of refined petroleum products like gasoline for fulfilling its supply commitments, both domestic and international." Bloomberg News, 23:04 December 19, 2008

### Natural Gas

#### Update: Millennium Natural Gas Pipeline Opens in New York

The 525,400 Dth/d, 30-inch, 182-mile Millennium Pipeline began complete service on December 22, the company announced in a press release. Millennium is jointly owned by affiliates of NiSource Inc., National Grid and DTE Energy.

http://www.millenniumpipeline.com/news\_12\_22\_08.htm

### **Other News**

#### Fire Shuts Cornhusker Energy's 40 Million Gallon/Year Ethanol Plant in Lexington, Nebraska December 21

A natural gas pipeline ruptured and exploded, triggering a fire and forcing shut Cornhusker Energy LLC's nearby 40 million gallon/year ethanol plant. The incident caused no injuries, but did result in minor damage to insulation and surrounding areas.

http://www.cornhuskerenergy.com/c3/

http://ethanol-news.newslib.com/story/6938-30531/

## Update: Sunnyside Ethanol Abandons Plans for 80 Million Gallon/Year Ethanol Plant in Aliquippa, Pennsylvania

Sunnyside Ethanol LLC had planned to build an ethanol plant and waste coal electrical facility in Aliquippa, Pennsylvania. The company abandoned its plans, however, due partly to credit conditions and reduced gasoline prices, one property owner said.

http://www.eveningsun.com/ci\_11288112

#### Update: Citing Economy and Commodity Prices, MinnErgy Cancels Public Equity Drive for Proposed 55 Million Gallon/Year Ethanol Plant near Eyota, Minnesota

MinnErgy stalled its public equity drive as "uncertain economic times and dramatic fluctuations in commodity prices have dampened the public's investing appetite," the company said in a press release filed with the Securities and Exchange Commission. Minnergy had been seeking to raise money for the plant's construction. Despite the move, the company said it still plans to build the facility.

http://ethanol-news.newslib.com/story/6938-30529/

http://www.minnpost.com/ronway/2008/12/17/5350/minnergy puts evota ethanol plant on indefinite hold

# Powers Energy Two of Kentucky Plans 65 Million Gallon/Year Waste-to-Ethanol Plant in Kentucky

If built, the site would process 2,000 tons of waste/day and generate 65 million gallons of ethanol/year, a news source reported. It would also generate surplus electricity. The company plans to break ground in 2009, and open the facility in 2011.

http://www.courierpress.com/news/2008/dec/19/room-to-grow/?partner=yahoo headlines

#### IGPC Opens 39 Million Gallon/Year Ethanol Plant in Aylmer, Ontario December 17

Integrated Grain Processors Cooperative Ethanol Inc. (IGPC) held a grand opening on December 17. <u>http://ethanol-news.newslib.com/story/6938-30495/</u> <u>http://www.brantfordexpositor.ca/ArticleDisplay.aspx?e=1355420</u>

## DOE Says it Does not Have Interim Storage Authority for Spent Nuclear Fuel from Decommissioned Nuclear Power Plants

The Department of Energy (DOE) concluded that, under present law, it does not have authority to accept spent nuclear fuel from decommissioned commercial nuclear power reactor sites for interim storage. The conclusion came as part of DOE's "Report to Congress on the Demonstration of the Interim Storage of Spent Nuclear Fuel from Decommissioned Nuclear Power Reactor Sites," pursuant to direction from the a House Appropriations Committee Report.

http://www.energy.gov/news/6792.htm http://www.eponline.com/articles/69869/

## Update: Nevada Submits Petition to NRC against Proposed Yucca Mountain Nuclear Waste Repository

The petition details the state's 229 challenges to the Nuclear Regulatory Commission's (NRC) review of the repository.

http://www.platts.com/Nuclear/News/7548446.xml?p=Nuclear/News&sub=Nuclear/

# Update: NeuCo, Dynegy Complete Four-Year Clean Coal Power Initiative Project under DOE

The project employed software products to improve combustion and soot blowing processes, reduce ammonia consumption, and enhance unit thermal performance and plant-wide availability at Dynegy Midwest Generation's 1800 MW Coal-fired Baldwin Energy Complex in Illinois. The project was chosen in 2003 under the first round of the Department of Energy's (DOE) Clean Coal Power Initiative.

http://www.international.energy.gov/news/techlines/2008/08063-Neuco\_Project\_Completed.html

### **Energy Prices**

U.S. Oil and Gas Prices December 22, 2008				
	Today	Week Ago	Year Ago	
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	32.74	43.95	93.10	
NATURAL GAS Henry Hub \$/Million Btu	5.66	5.56	7.19	

Source: Reuters

### **Energy Notes**

Storms Cut Power to 17,000 Customers in New Hampshire, Fewer than 6,000 Customers in Massachusetts December 21—Utilities Restore Power to Most New Englanders affected by Earlier Winter Storms

Reuters, 14:55 December 21, 2008 http://www.wmur.com/news/18334032/detail.html

Baltimore Gas & Electric Reports 11,939 Customers Without Power in Maryland December 22—Only 438 Still Out, as of Latest Reports

http://www.bge.com/portal/site/bge/menuitem.42d31413f80c584606370f10d66166a0/

Winter Storms Cut Power to 10,000 Allegheny Energy Customers in Pennsylvania Over Weekend

http://www.wvmetronews.com/index.cfm?func=displayfullstory&storyid=28018 http://www.wjactv.com/news/18336447/detail.html

Car Accident Cuts Power to More than 10,000 MEA Customers in Alaska December 21 http://www.ktuu.com/Global/story.asp?S=9563177

Retention Pond Wall Collapses at TVA's Kingston Steam Power Plant in Tennessee, Flooding 15 Close-by Homes http://ydr.inyork.com/ci\_11287829

Update: At Least Nine Companies Plan to Continue along DOE's Application Process for New Nuclear Reactors

http://www.platts.com/Electric%20Power/News/6053295.xml?p=Electric%20Power/News&sub=Electric%20Power/News

Update: Environmental Power Corporation Completes Repairs, Upgrades to 685,000 MMbtu/Year Huckabay Ridge Natural Gas Plant in Texas http://www.environmentalpower.com/companies/microgy/cs-huckabay.php4 http://ir.environmentalpower.com/releaseDetail.cfm?ReleaseID=355381

Flaring at BP's 467,720 b/d Texas City, Texas Refinery December 19-20 Bloomberg News, 11:04 December 21, 2008 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=117977

Unscheduled Flaring at BP's 265,000 b/d Carson, California Refinery December 21 Bloomberg News, 09:10 December 22, 2008

### Process Upset Triggers Flaring at ConocoPhillips' 146,000 b/d Borger, Texas Refinery **December 22**

Bloomberg News, 07:47 December 22, 2008

### **BP** Leaks Approximately 800 Gallons of Diesel Fuel after Equipment Failure in California December 19

Bloomberg News, 18:40 December 19, 2008

#### State Department of Environmental Protection Forces Sunoco to Clean Site after 12,000 Gallon Gasoline Spill in Pennsylvania

http://www.pittsburghlive.com/x/pittsburghtrib/news/breaking/s 603704.html

### U.S. Refining Margins Hit 3-Month High December 19 as Oil Prices Drop, Companies Cut Rates

http://www.bloomberg.com/apps/news?pid=newsarchive&sid=aPJro4mH3FZE

### Houston Ship Channel Reopens after Fog Clears December 19

Reuters, 14:28 December 19, 2008

#### Houston Ship Channel Closes December 20, Reopens December 21 on Fog Bloomberg News, 03:14 December 22, 2008

Update: Petro-Canada, Locked-Out Employees Reach Agreement-in-Principle at

### Montreal, Canada Refinerv

http://www.cbc.ca/canada/montreal/story/2008/12/19/mtl-petro-lockout-deal-1219.html?ref=rss

### Gunmen Assault Three Oil Services Ships, Kidnap at Least Two in Niger Delta, Nigeria **Over Weekend**

Reuters, 10:53 December 20, 2008

### Rebel Group MEND Says it May End Three-Month-Long Cease Fire in Niger Delta, Nigeria

Bloomberg News, 09:21 December 22, 2008

Oil Production to Outpace Capacity by 7-8 Million b/d in 2010-2012, up from 1 Million b/d in 2005, as Economic Conditions Slow Crude Demand—CERA Study http://www.ogi.com/display\_article/348574/7/ONART/none/GenIn/1/CERA:-'Recession-shock'-shakes-oil-market/

### Update: After Negative Environmental Ruling, Shell Says it Will not Drill in Beaufort Sea, Alaska Next Year

http://uk.reuters.com/article/hotStocksNews/idUKN1827208520081218

### Citing Materials, Construction Costs, Eni Postpones Decision on FPSO Unit for Goliat Oil **Discovery in Barents Sea**

http://www.rigzone.com/news/article.asp?a id=70902

Nigeria to Cut 1.5 Cargoes in January after OPEC Slashes Quota Nigeria's Cumulative Share of OPEC Cuts is 278,000 b/d—NNPC Official http://www.platts.com/Oil/News/8249931.xml?p=Oil/News&sub=Oil

### Russian Prime Minister Putin to Host Energy Ministers from Natural Gas Exporting Nations in "Gas Exporting Countries Forum"

Bloomberg News, 09:24 December 22, 2008

# **Projects Could be Postponed or Scrapped on Lower Oil Demand—OPEC Secretary General**

http://www.platts.com/Oil/News/8247554.xml?p=Oil/News&sub=Oil

#### Flaring at Goldsmith Gas Plant in Texas December 20

http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=117976

#### "A" and "B" Turbines Shut Down at Goldsmith Gas Plant in Texas December 19-20

http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=117970 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=117957

#### AGI Shutdowns at Tilden Gas Plant in Texas December 19 and 20

http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=117978 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=117966

#### Atlas Produces 5 MMcf/d of Natural Gas from Marcellus Shale Well http://www.rigzone.com/news/article.asp?a\_id=70932

### Links

*This Week in Petroleum* from the Energy Information Administration (EIA) <u>http://tonto.eia.doe.gov/oog/info/twip/twip.asp</u> 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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