

# **ENERGY ASSURANCE DAILY**

Wednesday Evening, February 02, 2011

### Major Developments

## ERCOT Initiates Rolling Blackouts as High Electric Demand Forces Offline 7,000 MW of Power Generation Capacity in Texas February 2 – Order

Cold weather – and a subsequent spike in electricity demand – forced offline 7,000 MW of power generation capacity (more than 50 generators) in Texas, and led the state's grid operator, the Electric Reliability Council of Texas (ERCOT), to ask all utilities in ERCOT to begin rolling outages on February 2, ERCOT and multiple news and company sources said. Specifically, ERCOT asked the utilities to reduce electricity demand by approximately 4,000 MW early on February 2; it decreased that number to 3,000 MW later in the morning, and said by midafternoon that the outages were no longer necessary. Despite ending the order, ERCOT still urged customers to conserve electricity and warned that rolling outages could be necessary later in the day. All of the electric service provider companies affected by the rolling blackouts have quickly taken actions to restore power to all customers. The initial ERCOT order for rolling blackouts, however, were not expected to affect the state's oil infrastructure. El Paso Electric, separate from ERCOT, began its own rolling blackouts on February 2 after the cold weather led to shutdowns at all eight of its local generators. The company was relying exclusively on purchased power to serve its customers' demand. It was not clear how many El Paso customers were without power. To see a list of affected utilities in Texas, please see the story below.

Reuters, 12:20 February 2, 2011

http://www.ercot.com/news/press\_releases/2011/nr02-02-11

http://www.ercot.com/news/press\_releases/2011/nr02-02-11b

http://www.texastribune.org/texas-energy/electric-reliability-council-texas/ercot-ends-emergency-blackouts/ http://www.kfoxtv.com/news/26710488/detail.html

http://www.centerpointenergy.com/newsroom/newsreleases/35680f73ac6ed210VgnVCM10000026a10d0aRCRD/ http://www.mysanantonio.com/news/local\_news/article/Power-shortage-affects-70-000-CPS-customers-991690.php

http://www.kvia.com/news/26714142/detail.html

### Winter Storms, Rolling Blackouts Knock Out Power to More than 2.1 Million Customers from Texas to U.S. East Coast February 1-2

Ice, snow, and extreme cold weather continued to blast the central and eastern United States on February 1-2, combining with rolling blackouts in Texas to knock out power to more than 2.1 million customers across numerous states and Washington, D.C., multiple news and company sources reported. The following table lists peak and current outage figures, based on latest available data.

U.S. Midcontinent to East Coast Ice/Snow Storm Customer Power Outages February 1 – 2, 2011					
Electric Utility	State	Peak	Latest Reported		
CenterPoint Energy	TX	865,266	10,000		
Austin Energy	TX	84,088	1,208		
AEP Texas**	TX	80,000	80,000		
CPS Energy**	TX	74,000	74,000		
Oncor	TX	54,908	36,955		
TNMP	TX	22,000	0		
Entergy	TX	16,241	246		
SWEPCO	TX/LA/AR	10,000	0		
Deep East Texas Electric	TX	6,000	1,600		
Pedernales Electric Cooperative	TX	2,400	0		

Bluebonnet Electric Cooperative	TX	1,700	1,300
ComEd	IL	170,500	48,000
Ameren	IL	35,800	8,077
Tri-County Electric	IL	7,000	3,700
Corn Belt Energy	IL	3,740	3,740
AEP	OH	155,274	86,827
FirstEnergy	OH/PA	139,000	<45,000
Dayton Power & Light	OH	81,000	42,210
Duke Energy	OH/KY	33,000	5,890
Energy Cooperative	OH	8,000	1,755
Holmes-Wayne Electric	OH	5,900	5,900
Frontier Power	OH	2,000	621
PECO	PA	100,000	100,000
PPL	PA	60,000	13,653
Duke Energy	IN	55,000	38,921
South Central REMC	IN	7.445	2,433
Whitewater Valley REMC	IN	2,600	1,200
Indianapolis Power & Light	IN	3,300	123
WIN Energy REMC	IN	2,600	2,600
Tipmont REMC	IN	2,000	0
PSE&G	NJ	20,000	9,000
Jersey Central Power & Light	NJ	15,000	6,000
Рерсо	MD/DC	11,315	165
Alliant Energy	WI	8,000	1
We Energies	WI	5,200	592
United Illuminating	СТ	6,900	55
Connecticut Light & Power	СТ	6,200	1,457
LIPA	NY	5,667	785
Con Edison	NY	4,618	1,656
TOTAL*		2,166,224	635,670

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

\*\*Current outage information unavailable because companies' websites are down.

Sources:

Situation Reports: http://www.oe.netl.doe.gov/named\_event.aspx?ID=31

http://news.blogs.cnn.com/2011/02/02/snow-storm-update-a-boston-snow-party-chicagos-historic-schoolclosings/?hpt=C1

#### Texas

CenterPoint Energy: <u>http://www.beaumontenterprise.com/news/article/UPDATE-Rolling-blackouts-across-Texas-finished-991672.php</u>, <u>http://woodlandsonline.com/npps/story.cfm?nppage=39913</u>,

http://www.myfoxhouston.com/dpp/weather/110202-school-power-outages

Austin Energy: https://my.austinenergy.com/outages/, http://www.statesman.com/blogs/content/shared-

gen/blogs/austin/weather/entries/2011/02/01/high winds caus.html

AEP Texas: https://www.aeptexas.com/outages/

CPS Energy: http://www.cpsenergy.com/CPSEnergyOutageMap.html ,

http://www.mysanantonio.com/news/local\_news/article/Cold-front-reaches-San-Antonio-989183.php,

http://www.kens5.com/news/ALERT-Arctic-temperatures-prompt-rolling-energy-blackout-115101444.html

Oncor: https://maps.oncor.com/summary.asp , http://www.chron.com/disp/story.mpl/ap/tx/7407304.html

TNMP: <u>http://twitter.com/tnmp</u>

Entergy: <u>http://viewoutage.entergy.com/tx.aspx</u>

SWEPCO: https://www.swepco.com/outages/, http://www.ktbs.com/news/26700541/detail.html

Deep East Texas Electric: http://www.ktre.com/Global/story.asp?S=13946462

Pedernales Electric Cooperative: http://www.statesman.com/blogs/content/shared-

gen/blogs/austin/weather/entries/2011/02/01/high winds caus.html

Bluebonnet Electric Cooperative: http://www.statesman.com/blogs/content/shared-

gen/blogs/austin/weather/entries/2011/02/01/high\_winds\_caus.html

Illinois

 $ComEd: \underline{https://www.comed.com/sites/customerservice/Pages/outagemap.aspx} \ ,$ 

https://www.comed.com/sites/newsroom/Pages/stormcenter.aspx ,

http://www.carmitimes.com/state\_news/x1916608007/100-000-Illinoisans-without-power

http://www.dailyherald.com/article/20110202/news/702029723/

Ameren: <u>http://apps.ameren.com/outage/outagemap.aspx?state=IL</u>, <u>http://www.prnewswire.com/news-releases/ameren-illinois-battles-outages-caused-by-massive-winter-storm-115074114.html</u>

Tri-County Electric: <u>http://www.carmitimes.com/area\_news/x1528909/Some-southern-Illinoisans-without-power</u> Corn Belt Energy: <u>http://www.cornbeltenergy.com/outages.html</u>

#### Ohio

AEP: <u>https://www.aepohio.com/outages/</u>,

https://www.aepohio.com/outages/details.aspx?stormName=AEP%20Ohio%20Winter%20Storm%20Jan.%2031,%2 02011, http://www.bizjournals.com/columbus/news/2011/02/02/chicago-storm-grounds-columbus-flights.html FirstEnergy: http://www.firstenergycorp.com/outages/outages.do?state\_code=OH,

http://www.prnewswire.com/news-releases/service-restored-to-more-than-100000-firstenergy-customers-followingice-and-snow-storm-115114219.html

Dayton Power & Light: http://www.dpandl.com/customer-service/outage-center/outage-map/,

http://m.daytondailynews.com/dayton/db\_101693/contentdetail.htm?contentguid=v2yirqm0&detailindex=0&pn=0& ps=4

Duke Energy (Ohio/Kentucky): http://www.duke-energy.com/ohio/outages/current.asp ,

http://news.cincinnati.com/article/20110202/NEWS01/302020019

Energy Cooperative: <u>http://www.theenergycoop.com/outage.aspx</u>,

http://www.mountvernonnews.com/local/11/02/02/ice-storm-creating-havoc-in-county

Holmes-Wayne Electric: http://www.hwecoop.com/

Frontier Power: http://www.timesreporter.com/news/x289656858/Crews-working-to-restore-power-to-Tuscarawas-

Valley, http://www.coshoctontribune.com/article/20110202/NEWS01/302020009/1002/news01/Hundreds-

Coshocton-County-still-without-electricity

#### Pennsylvania

PECO: http://www.peco.com/outagemap, http://www.timesleader.com/news/ap?articleID=6444362

PPL: https://selfserv.pplelectric.com/EUSelfServ/Outage/OutageMap.aspx ,

http://readingeagle.com/article.aspx?id=283716,

http://www.thereporteronline.com/articles/2011/02/02/news/doc4d49c7ddc55cc662222133.txt

FirstEnergy: http://www.firstenergycorp.com/outages/outages.do?state\_code=PA

Indiana

Duke Energy (Indiana): <u>http://www.duke-energy.com/indiana/outages/current.asp</u>,

http://www.theindychannel.com/news/26705874/detail.html

South Central REMC: http://sciremc.maps.sienatech.com/,

http://www.heraldtimesonline.com/stories/2011/02/02/news.qp-9621828.sto

Whitewater Valley REMC: <u>http://www.pal-</u>

item.com/article/20110202/UPDATES/110202005/1008/news01/RP&L+power+outages+minimal++outlying+areas +hit+hardest, http://www.pal-

item.com/article/20110202/UPDATES/110202008/Power+companies++About+1+200+still+without+electrical+ser vice+in+Wayne+County

Indianapolis Power & Light: http://apps.iplpower.com/outages/OutageMap.aspx ,

http://www.theindychannel.com/news/26705874/detail.html

WIN Energy REMC: http://www.wthitv.com/dpp/weather/winter\_weather/families-cope-with-power-outages

Tipmont REMC: <u>http://www.jconline.com/article/20110201/NEWS/110201039/Storm-leaves-thousands-without-</u>

power, http://www.jconline.com/article/20110202/NEWS09/110202021

#### New Jersey

PSE&G: http://www.pseg.com/home/customer\_service/outage\_info/outagemap.jsp ,

http://www.nj.com/hudson/index.ssf/2011/02/pseg update about 20000 now wi.html,

http://www.app.com/article/20110202/NJNEWS/110202004/0/NJCOLUMNIST05/NJ-recovering-after-ice-

knocked-out-power?odyssey=nav|head

FirstEnergy: http://www.firstenergycorp.com/outages/outages.do?state\_code=NJ

Atlantic City Electric: http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/

#### Maryland/Washington, D.C.

Pepco: http://www.pepco.com/home/emergency/maps/stormcenter/, http://www.tbd.com/blogs/tbd-latest/2011/02/11-000-without-power-in-md-d-c--7994.html

#### Wisconsin

Alliant Energy:

http://www.alliantenergy.com/UtilityServices/StormOutageCenter/ElectricalOutageSummary/index.htm , http://www.wrex.com/Global/story.asp?S=13952267

We Energies: <u>http://www.we-energies.com/outagemapext/</u>, <u>http://www.jsonline.com/blogs/news/115088794.html</u> Connecticut

United Illuminating: <u>http://www.uinet.com/wps/PA\_TownOutages/faces/jsp/TownOutageGraphPrint.jsp</u>, http://www.nhregister.com/articles/2011/02/02/news/doc4d4988702a985365335014.txt Connecticut Light & Power: <u>http://www.cl-p.com/outage/OutageMap.aspx</u>, <u>http://www.wtnh.com/dpp/weather/winter\_weather/ice-takes-down-trees,-power-lines</u> **New York** 

LIPA: <u>http://www.lipower.org/stormcenter/outagemap.html</u> Con Edison: <u>http://apps.coned.com/weboutageinfo/stormcenter/default.aspx</u>

### Amid Rolling Blackouts, Explorer Pipeline Shuts 700,000 b/d, 28-Inch, Texas-to-Oklahoma Oil Product Pipeline February 2

The Electric Reliability Council of Texas (ERCOT) asked Explorer to shut the line, the company said on February 2, as cold weather and multiple power plant shutdowns led ERCOT to impose rolling power outages throughout its service territory. The affected line delivers up to 700,000 b/d of oil products from Louisiana to Illinois. It was slated to resume service later on February 2; Explorer was expected to run the line at higher-than-normal rates, upon its return, to compensate for the down time.

Reuters, 12:26 February 2, 2011

### Cold Weather Forces Offline at Least 600 MMcf/d of Natural Gas Output in Texas Basins: Bentek Energy January 31-February 2

The cold weather forced offline at least 250 MMcf/d in the East Texas Basin, 220 MMcf/d in the Fort Worth Basin, and 215 MMcf/d in the Texas Gulf Coast basin, according to Bentek Energy data. Reuters, 11:59 February 2, 2011

### Electricity

### Appeals Court Rejects DOE's Bid to Assign 100 Million Acres of U.S. Land as Fast-Track for Transmission Line Projects

The U.S. 9th Circuit Court of Appeals ruled against the Department of Energy's (DOE) bid to assign 100 million acres of land across 10 states as a national interest corridor through which regulators could fast-track applications for new electric transmission lines. The panel said that DOE had not sufficiently consulted the involved states or carried out necessary environmental reviews.

http://www.latimes.com/news/local/la-me-electric-corridors-20110202,0,835999.story?track=rss

### Harsh Weather Forces Shut Three SRP Coal-Fired Power Units, Cuts Electricity to 65,000 Customers in Arizona February 2

Cold temperatures (and perhaps heavy wind) forced offline two units – and 1,500 MW of capacity – at SRP's Navajo coal-fired power plant and an unspecified unit at SRP's four-unit, combined 1,560 MW coal-fired Springerville power plant in Arizona on February 2, company officials said. The incident led SRP to cut power briefly to as many as 65,000 customers, but the company restored power to all but about 2,000 by 7:15 AM.

http://tucsoncitizen.com/arizona-news/2011/02/02/thousands-in-phoenix-get-power-back-2-plants-shut-down/ http://www.srpnet.com/about/stations/springerville.aspx http://www.srpnet.com/about/stations/navajo.aspx

### Exelon's 1,111 MW La Salle Nuclear Unit 1 in Illinois Shut February 1

The unit shut automatically on February 1 due to a transformer "trip and subsequent load reject," the company said in a filing with the Nuclear Regulatory Commission (NRC). The NRC reported that on the morning of February 1 the unit was operating at full power.

http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2011/20110202en.html Information also derived from the NRC Power Reactor Status Reports: http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2011/

### Multiple Companies Restart 175 MW Luz Solar Partners Solar-Powered Units 3-7, 184 MW Units 8-9 in California by February 1

According to the California Independent System Operator, the units returned from unplanned outages. http://www.caiso.com/unitstatus/data/unitstatus201102011515.html

### Greengate Plans 300 MW Blackspring Ridge I Wind Project in Alberta, Canada

The company expects to complete the project in 2013. <u>http://www.prnewswire.com/news-releases/greengate-power-receives-approval-for-20-year-power-purchase-agreements-totaling-450-mw-115093144.html</u>

### Petroleum

Update: TransCanada's Proposed Canada-to-U.S. Gulf Coast Keystone XL Oil Pipeline Would Help United States "Essentially Eliminate" Imports of Middle Eastern Oil within 10-20 Years: DOE-Commissioned Report

http://news.yahoo.com/s/nm/20110202/wl canada nm/canada us pipeline keystone middleeast 1

### Process Vessel Crack Leads to Leak at BP's 405,000 b/d Whiting, Indiana Refinery

BP was investigating the incident and working to isolate the leak, it said in a regulatory filing. It was not clear if the incident had any impact on production.

Reuters, 00:52 February 2, 2011

### Shell Sees No Impact on Production after Weather-Induced Snag at 329,800 b/d Deer Park, Texas Refinery February 2

"Freezing conditions" led to flaring, but the incident did not impact production, a company spokesman said. http://www.reuters.com/article/2011/02/02/refinery-operations-shell-deerpark-idUSWEN678920110202

### Compressor Failure Triggers Unit Shutdown, Flaring at Motiva's 235,000 b/d Convent, Louisiana Refinery by February 2

It was not clear if the incident had any impact on production. Reuters, 00:21 February 2, 2011

### Update: Valero Returns 235,000 b/d Aruba Refinery to Planned Rates by January 31

Valero shut the facility in July 2009 due to economic reasons. The company began restarting the site in early January.

http://www.reuters.com/article/2011/01/31/refinery-operations-valero-aruba-idUSWEN656120110131

#### Update: Chevron Restarts 45,000 b/d Colorado-to-Utah Oil Pipeline February 1

Chevron shut the line after it spilled 21,000 gallons of oil on December 1. The Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA) authorized the company t o resume service. The line runs from Rangely, Colorado to Chevron's refinery in Salt Lake City, Utah. http://www.sltrib.com/sltrib/home/51169550-76/pipeline-oil-chevron-driver.html.csp

### U.S. Gasoline Inventories Surge to 18-Year High: EIA

U.S. motor gasoline inventories rose to 236.2 million barrels in the four weeks to January 28, 2011, compared to 230.1 million barrels in the four weeks to January 21, 2011 and 228.1 million gallons in the four weeks to January 29, 2010, the U.S. Energy Information Administration said in its most-recent Weekly Petroleum Status Report. The 236.2 million barrel total marks an 18-year high, according to Dow Jones Newswires.

http://www.eia.gov/pub/oil\_gas/petroleum/data\_publications/weekly\_petroleum\_status\_report/current/pdf/wpsrall.p df

DJN, 10:57 February 2, 2011

### Update: BP Postpones Proposed 40,000 b/d Liberty Oil Project in Beaufort Sea, Offshore Alaska

BP initially planned to begin drilling in 2010 and launch the project in 2011. After the Deepwater Horizon disaster, however, the company postponed those dates by one year: to 2011 and 2012, respectively. In November, BP opted to stop construction altogether. Now, the company has delayed the project to "beyond 2013," according to its CEO, Bob Dudley. Dudley also said the company had postponed its Na Kika and Galapagos projects in the Gulf of Mexico.

http://www.ktuu.com/news/ktuu-bp-oil-rig-in-beaufort-sea-postponed-again-20110201,0,3719434.story

### Cold Weather Causes Problems at Multiple Natural Gas Plants in Texas February 1-7

Cold weather led to shutdown or disruptions at multiple natural gas facilities, according to filings with state regulators. The affected facilities include: the East Vealmoor gas plant, the Welch CO2 gas processing facility, XTO Energy's Russell compressor station, the Luling gas plant, the Cornell-Mahoney gas plant, the Kripple Kreek gas plant, and the Henderson compressor station.

http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150105 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150119 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150120 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150121 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150046 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150046 http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150064

### Laser Northeast Breaks Ground on Proposed 400 MMcf/d, 16-Inch, 30-Mile Pennsylvaniato-New York Natural Gas Pipeline February 1

The Susquehanna Gathering System would deliver natural gas from Susquehanna County, Pennsylvania through Broome County, New York; it would connect with the Millennium pipeline, according to Laser Northeast's website. <u>http://www.prnewswire.com/news-releases/laser-northeast-gathering-co-breaks-ground-for-new-natural-gas-pipeline-115014224.html</u> <u>http://www.lasernortheast.com/projects.html</u>

### **Other News**

Nothing to report.

### **Energy Prices**

U.S. Oil and Gas Prices February 2, 2011					
	Today	Week Ago	Year Ago		
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	89.12	85.85	77.21		
NATURAL GAS Henry Hub \$/Million Btu	4.42	4.46	5.47		

Source: Reuters

### **Energy Notes**

### Ormat Technologies Opens 15 MW Jersey Valley Geothermal Power Plant in Nevada during 2010

http://www.prnewswire.com/news-releases/ormat-technologies-brings-the-only-geothermal-power-plant-online-in-the-us-in-2010-115048554.html

### SCE Opens Seven Solar Power Plants, Combined 12.5 MW of Electricity, in Ontario and Redlands, California by February 1

http://finance.yahoo.com/news/ADDING-MULTIMEDIA-Southern-bw-2954802109.html?x=0&.v=2

Demand Concerns and Subsequent Lack of Production to Prevent United States from Realizing President Obama's Goal of Having 1 Million Electric Vehicles on U.S. Roads by 2015: Auto Industry Experts

http://www.washingtonpost.com/wp-dyn/content/article/2011/02/01/AR2011020106455.html

# Citing Multiple "White" Inspection Findings and a "White" Performance Indicator, NRC to Increase Oversight at Progress Energy's Robinson Nuclear Power Plant in South Carolina

http://www.nrc.gov/reading-rm/doc-collections/news/2011/11-005.ii.pdf

# Energy Northwest to Replace Condenser, Increase Capacity by 12 MW at Existing 1,150 MW Columbia Nuclear Power Plant in Washington

http://www.tri-cityherald.com/2011/02/01/1349664/richland-firm-gets-nuke-plant.html

**Blower Trip Results in Flaring at ExxonMobil's 238,600 b/d Joliet, Illinois Refinery February 2 – Incident Does Not Affect Production** Reuters, 11:02 February 2, 2011

Hydrogen Sulfide Leads Suncor Energy to Shut 9,000 b/d of Production at Terra Nova Field Offshore Newfoundland, Canada Reuters, 09:55 February 2, 2011

Gulf of Mexico Should Recover from Deepwater Horizon Spill by End of 2012: Report Commissioned by Administrator of \$20 billion Spill Compensation Fund http://www.nytimes.com/2011/02/02/us/02spill.html? r=2&emc=tnt&tntemail1=y

Tank Rupture Leads to Diesel Fuel Spill along I-640 in Knoxville, Tennessee February 1 http://www.volunteertv.com/home/headlines/Diesel\_fuel\_spills\_onto\_I-640\_115054584.html

Gasoline and Diesel-Carrying Semi-Tanker Crashes, Killing Driver and Spilling Unspecified Quantity of Fuel in Colorado January 28 http://www.themountainmail.com/main.asp?SectionID=4&SubSectionID=4&ArticleID=21492

Rupture along PG&E's 2-Inch Natural Gas Pipeline Forces Residents to Evacuate Briefly in Bakersfield, California February 1 http://www.kmph.com/Global/story.asp?S=13952313

PG&E Responds to 59 Leaks along Natural Gas Pipelines in California since September 2010, Company Says on February 1 – Third-Party Consultants Say PG&E's Leak Rates and Reporting Practices Compare Favorably with Rest of Industry

http://www.prnewswire.com/news-releases/pge-report-addresses-gas-system-leaks-and-repair-program-115066869.html

**Equipment Failure Triggers Flaring at Midkiff Gas Plant in Texas February 1** http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150102

### **Bad Oil Heater Prevents Compressor from Starting Up at Antelope Gas Treating Facility in Texas February 1-2**

http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150112

**Unit Shuts, Restarts at West Credo Booster Station in Texas February 2** http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=150115

### 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: <a href="mailto:ead@oe.netl.doe.gov">ead@oe.netl.doe.gov</a>