



# ENERGY ASSURANCE DAILY

Friday Evening, January 22, 2010

## Electricity

### Update: More than 67,000 Customers Without Power in California January 22

According to the latest information available, some 67,200 customers are without power across California as storms caused new outages across the state on January 21-22, sources reported. The storms cut power, in total, to more than 1.3 million Pacific Gas & Electric (PG&E) customers, 317,924 Southern California Edison (SCE) customers and more than 150,000 San Diego Gas & Electric (SDG&E) customers, but to no more than 165,000 PG&E customers, 53,397 SCE customers and 70,000 SDG&E customers at one time, according to sources. While Governor Schwarzenegger was in Washington D.C., Acting Governor Jerry Brown declared a State of Emergency for four counties, citing the storms, mudslides and related factors. Later on return to the state, Schwarzenegger declared a state of emergency for an additional county and said 82,000 residents were still in the dark, but those numbers were difficult to confirm, based on news and utility sources.

California Customer Power Outages January 18-22, 2010			
Electric Utility	State	Peak	Latest Reported
Pacific Gas & Electric	CA	165,000	43,000
San Diego Gas & Electric	CA	70,000	1,400
Southern California Edison	CA	53,397	13,835
Sacramento Municipal Utility District	CA	50,000	1,645
LADWP	CA	10,000	2,600
Pacific Power	CA	8,900	4,720
<b>TOTAL*</b>		<b>357,297</b>	<b>67,200</b>

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

Sources:

PG&E: <http://www.pge.com/about/newsroom/>

SDG&E: <http://www.sdge.com/outages/outageDetailsLists.shtm> , <http://www.nbcsandiego.com/news/local-beat/More-Rain-on-the-Way-82156092.html> , <http://www.signonsandiego.com/news/2010/jan/21/one-good-storm-leads-another/?imw=Y> , <http://www.kpbs.org/news/2010/jan/21/storm-brings-blackouts-and-flight-cancellations-sd/> , <http://www.10news.com/news/22314692/detail.html> , <http://www.10news.com/news/22308994/detail.html> , <http://www.lajollalight.com/news/265141-power-black-outs-remain-in-la-jolla>

SCE: <http://www.sce.com/feature/outages.htm?from=homepage> , <http://www.scp.org/news/2010/01/18/la-county-fire-dept-adds-100-firefighters-help-pos/>

SMUD: <http://www.smud.org/en/power/Pages/index.aspx> , <http://www.fox40.com/news/headlines/ktxl-news-poweroutages0120.0.4441844.story> , <http://www.istockanalyst.com/article/viewiStockNews/articleid/3798301>

LADWP: [http://laist.com/2010/01/18/power\\_outages.php](http://laist.com/2010/01/18/power_outages.php) , [http://laist.com/2010/01/19/gale\\_harris.php](http://laist.com/2010/01/19/gale_harris.php)

<http://www.nytimes.com/aponline/2010/01/20/us/AP-US-California-Storms.html> ,

[http://laist.com/2010/01/20/power\\_outage\\_update\\_19000\\_without\\_s.php](http://laist.com/2010/01/20/power_outage_update_19000_without_s.php) ,

<http://twitter.com/LADWP/status/8080617457>

Pacific Power: <http://www.siskiyoudaily.com/news/x1090815941/Crews-working-hard-to-restore-power> ,

[http://twitter.com/PacificPower\\_CA](http://twitter.com/PacificPower_CA)

<http://www.ktvu.com/news/22302372/detail.html>

[http://www.mercurynews.com/breaking-news/ci\\_14247929](http://www.mercurynews.com/breaking-news/ci_14247929)

## More than 50,000 Customers Remain Without Power after Ice and Wind Storms January 20-22

Nearly 50,000 customers remain without power in Iowa, but just over 1,500 are still in the dark in Illinois on January 22, according to latest reports. Ice and winds have, since January 22, cut electricity to nearly 60,000 Iowa customers and more than 25,000 Illinois customers. MidAmerican Energy, the hardest-hit utility, expects to restore service to most affected customers by tomorrow afternoon, January 23. Iowa Governor Chet Culver declared a State of Emergency for three state counties on January 21, citing the power outages.

<b>Iowa and Illinois Customer Power Outages</b>			
January 20-22, 2010			
<b>Electric Utility</b>	<b>State</b>	<b>Peak</b>	<b>Latest Reported</b>
MidAmerican Energy	IA	31,000	25,890
Iowa Association of Electric Cooperatives	IA	18,037	18,037
Alliant Energy	IA	10,407	5,784
Ameren	IL	25,573	1,542
<b>TOTAL*</b>		<b>85,017</b>	<b>51,253</b>

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

Sources:

MidAmerican: <http://www.radioiowa.com/2010/01/21/ice-storm-leaves-thousands-without-power/> ,

<http://www.midamericanenergy.com/storm/OutageWatch/MECOutageWatch.aspx>

Ameren: [http://www.ameren.com/Outage/ADC\\_IllinoisOutageInformation.asp](http://www.ameren.com/Outage/ADC_IllinoisOutageInformation.asp) ,

<http://www.prnewswire.com/newsreleases/ameren-illinois-utilities-work-to-restore-power-for-about-18300-northern-illinois-customers-82250907.html> , <http://www.prnewswire.com/news-releases/ameren-illinois-utilities-to-work-through-the-night-to-turn-the-lights-back-on-for-northern-illinois-customers-82305962.html>

IAEC: <http://outages.iowarec.org/>

Alliant: <http://www.alliantenergy.com/UtilityServices/StormOutageCenter/ElectricalOutageSummary/index.htm>

<http://www.pistar.com/news/x867958114/More-than-20-000-without-power-north-and-northwest-of-Peoria>

[http://www.thaindian.com/newsportal/world/iowa-governor-declares-state-of-emergency-in-three-counties\\_100307874.html#ixzz0dKDuDoBv](http://www.thaindian.com/newsportal/world/iowa-governor-declares-state-of-emergency-in-three-counties_100307874.html#ixzz0dKDuDoBv)

[http://www.desmoinesregister.com/article/20100122/NEWS/1220366/Power-still-out-for-many-as-ice-storm-fallout-continues&theme=ICE\\_STORM?GID=A+6P1GTRUHHtJooCbgVInMTkil+u2f40oKOG2WeKtIU%3D](http://www.desmoinesregister.com/article/20100122/NEWS/1220366/Power-still-out-for-many-as-ice-storm-fallout-continues&theme=ICE_STORM?GID=A+6P1GTRUHHtJooCbgVInMTkil+u2f40oKOG2WeKtIU%3D)

## Winter Storms Knock Out Power to More than 30,000 Customers in Arizona January 21

Storms cut power to nearly 15,000 customers of the Tohono O'odham Nation near Tucson, about 11,000 Salt River Project customers, an estimated 7,500 APS customers in Phoenix and Flagstaff, and an unspecified number of Sulphur Springs Valley Electric Cooperative (SSVEC) customers in Sierra Vista, multiple sources said. The storms cut service to essentially "the whole south half of Sierra Vista," an SSVEC official said. Sierra Vista is home to more than 43,000 people, according to Census data. Workers restored service to most Sierra Vista customers by evening, January 21, and to nearly all Tohono O'odham Nation customers by today, January 22. Governor Jan Brewer declared a state of emergency as the storm triggered some evacuations and slowed flights at the Phoenix Sky Harbor International Airport.

<http://www.census.gov/popest/cities/tables/SUB-EST2007-04-04.csv>

[http://www.azstarnet.com/staff/brian-j-pedersen/article\\_1dcbe8b8-076f-11df-b86a-001cc4c002e0.html](http://www.azstarnet.com/staff/brian-j-pedersen/article_1dcbe8b8-076f-11df-b86a-001cc4c002e0.html)

<http://www.svherald.com/content/news/2010/01/21/weather-roundup-power-restored-most-homes-after-outage-whole-south-half-sier>

<http://www.azcentral.com/arizonarepublic/news/articles/2010/01/22/20100122weather0122.html>

<http://www.kold.com/Global/story.asp?S=11862335>

<http://www.svherald.com/content/power-outage/2010/01/22/high-winds-pack-powerful-punch>

## PSE&G's 1,092 MW Salem Nuke Unit 2 in New Jersey Shut January 21

The unit shut automatically after a pump malfunction led to low water levels in a steam generator, a spokesman said. The Nuclear Regulatory Commission reported that on the morning of January 21 the unit was operating at full power.

[http://www.nj.com/salem/index.ssf/2010/01/salem\\_2\\_nuclear\\_reactor\\_automa.html](http://www.nj.com/salem/index.ssf/2010/01/salem_2_nuclear_reactor_automa.html)

Information also derived from the NRC Power Reactor Status Reports:

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

## Duke's 150 MW Southbay Gas-fired Unit 2 in California Shut by January 21

According to the California Independent System Operator, the unit reported an unplanned outage by January 21.

<http://www.caiso.com/unitstatus/data/unitstatus201001211515.html>

## **Update: Luminant's 1,150 MW Comanche Peak Nuke Unit 1 in Texas Ramped Up to 45 Percent by January 22**

Operators shut the unit on January 19 to replace a faulty transformer, a spokeswoman said previously. The Nuclear Regulatory Commission reported that on the morning of January 21 the unit was not operating.

<http://www.star-telegram.com/business/story/1906070.html>

Information also derived from the NRC Power Reactor Status Reports:

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

## **Update: PG&E's 1,087 MW Diablo Canyon Nuke Unit 2 in California Ramped Up to 49 Percent by January 22**

Pacific Gas & Electric (PG&E) had reduced both units at its Diablo Canyon nuclear power plant by January 20 because stormy seas were expected to impact the site's intake water system, a spokeswoman said previously. Both units were operating at 49 percent power this morning, Unit 2 up from 33 percent yesterday morning, and Unit 1 down from 50 percent yesterday, according to the Nuclear Regulatory Commission (NRC).

<http://www.reuters.com/article/idUSNN1910428420100120?type=marketsNews>

Information also derived from the NRC Power Reactor Status Reports:

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

## **Update: Luminant to Restart 793 MW Martin Lake Coal-fired Unit 1 in Texas January 22**

A lightning strike appeared to have forced the unit offline on January 20, the company said in a previous filing with state regulators.

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=134694>

<http://www11.tceq.state.tx.us/oce/eer/index.cfm?fuseaction=main.getDetails&target=134698>

## **Fire Extinguished at Xcel Energy's 1,137 MW Prairie Island Nuclear Power Plant in Minnesota January 20**

The fire occurred in a non-emergency, non-safeguard diesel generator, a news source said. An on-site crew extinguished the blaze in twenty minutes, but the fire re-ignited more than an hour later; it was put out again. Neither power unit—the 593 MW Unit 1 or the 544 MW Unit 2—was affected, and no one was injured.

<http://www.republican-eagle.com/event/article/id/64144/>

## **NRC Concerned after Miscommunication at 2,254 MW San Onofre Nuclear Power Plant in California**

Two backup systems were simultaneously out-of-service after a miscommunication at the San Onofre nuclear power plant last week, raising concern at the Nuclear Regulatory Commission (NRC) over the facility's operations, a news source said. The incident-in-question occurred on January 13, when engineers informed the control room of a crack in an emergency cooling system at the 1,127 MW Unit 3. The operator misheard the engineers and ordered the unit's other cooling system offline. Both systems, as a result, were down for 15 minutes, until operators discovered the mistake. If workers had been unable to restore one of the systems within one hour, they would have been forced to shut the unit. "This raises further concerns for us because it's another example of a human performance failure caused by miscommunication," an NRC spokesman said.

<http://www.signonsandiego.com/news/2010/jan/21/problems-nuclear-plant-concern-regulators/>

## **NRC Reports Possible Fire Safety Violations at TVA's 3,494 MW Browns Ferry Nuclear Power Plant in Alabama**

The Tennessee Valley Authority (TVA) does not appropriately protect equipment needed to shut the plant in the event of a fire, and procedural issues could postpone a fire response, the Nuclear Regulatory Commission (NRC) said in an inspection report and letter to the TVA. The problems, however, do not pose an immediate threat, according to the NRC. TVA says it is working on the issues, but expects the improvements to take time.

<http://abcnews.go.com/Business/wireStory?id=9632379>

## **Update: NRC Reviewing Entergy's License Renewal Application for 563 MW Vermont Yankee Nuclear Power Plant in Vermont**

The Nuclear Regulatory Commission (NRC) confirmed it was checking to see if the application was complete and correct after news emerged that the Vermont Public Service Board had not received all information about the facility's underground pipes. The news surfaced when the Board was informed by Vermont Yankee about levels of tritium that had been discovered in a monitoring well, a news source said.

[http://www.reformer.com/localnews/ci\\_14234846](http://www.reformer.com/localnews/ci_14234846)

## **TVA to Finish First Phase Cleanup in Spring after Late-2008 Coal Ash Spill at Kingston Coal-fired Power Plant in Tennessee**

The Tennessee Valley Authority (TVA) plans to complete the clean-up's first phase—extracting 3 million cubic yards of sludge from a river and delivering it to a landfill in Alabama—this spring, a news source said. It expects the clean-up's second phase, involving 2.4 million cubic yards of ash, to cost as much as \$741.1 million.

<http://www.knoxnews.com/news/2010/jan/21/cleanup-keeps-adding-up/>

## **Samsung, Korea Electric Power to Install up to 2,000 MW of Wind Power and 500 MW of Solar Power in Ontario, Canada**

Samsung and Korea Electric Power Corp. expect to construct and operate multiple wind-or-solar-powered facilities throughout Ontario, Canada over the next 20 years, according to an agreement with the province. The companies also plan to build plants to produce wind turbines and other equipment.

<http://www.nationalpost.com/news/story.html?id=2468582>

## **Power Outages to Stretch Longer as Utilities Slash Maintenance Spending—Quanta**

U.S. utilities have curtailed maintenance spending by as much as 50 percent over the past few years, and the cutbacks will lead to more frequent and longer power disruptions, Quanta Services said on January 20. The reductions came amid concerns that state regulators might reject rate increases for political reasons, according to Quanta.

<http://www.bloomberg.com/apps/news?pid=newsarchive&sid=aDEseYkg2RN8>

## ***Petroleum***

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### **ConocoPhillips Shuts Units after Brief Power Disruption at 194,000 b/d Ponca City, Oklahoma Refinery January 21**

The power failure lasted less than one minute, but forced operators to shut units at the facility's south plant, a local emergency official said. It was not clear which units were offline, or whether the incident had any impact to production.

Bloomberg News, 10:28 January 22, 2010

### **Compressor Malfunction Triggers Flaring at 44,200 b/d Arroyo Grande, California Refinery January 21**

Bloomberg News, 13:00 January 22, 2010

### **Kinder Morgan Shuts Segment along 12-inch Products Pipeline in Louisiana January 21**

The company shut the segment after an apparent valve malfunction triggered a small gasoline release, a company spokeswoman said. The line was expected to resume service this afternoon, January 22.

Bloomberg News, 10:37 January 22, 2010

### **Update: Enbridge to Open 450,000 b/d, 1,000-mile, Alberta-to-Wisconsin "Alberta Clipper" Oil Pipeline on April 1**

The new start-date would be three months ahead of schedule, a company official said. The company also expects to open its "Southern Lights" pipeline "well before our end of the year contractual target," he said. That line will deliver light hydrocarbons from the U.S. Midwest to Alberta to enable producers "to dilute heavy crude oil and bitumen to a consistency that is thin enough to be transported by pipeline," according to Enbridge's website.

<http://www.enbridge-expansion.com/expansion/main.aspx?id=1216&tmi=290&tmt=4>

<http://www.reuters.com/article/idUSN2123060120100121?type=marketsNews>

<http://www.winnipegfreepress.com/business/breakingnews/82292117.html>

### **Update: Eni-led Consortium to Produce 1.2 Million b/d Within Six Years at Existing 200,000 b/d Zubair Oilfield in Iraq**

Eni, Occidental Petroleum Corporation, Korea Gas Corporation and the Missan Oil Company plan to raise output progressively over the next six years, and produce 1.2 million b/d of oil for seven years beyond that, according to a news source.

[http://www.rigzone.com/news/article.asp?a\\_id=86237](http://www.rigzone.com/news/article.asp?a_id=86237)

## Natural Gas

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### CenterPoint Plans 10-Hour Shutdown along Mississippi Segment of 1 Bcf/d, 42-inch, 274-mile Southeast Supply Header Natural Gas Pipeline January 22

The company planned to shut the segment to fix a pinhole leak, a news source said. It did not expect the incident to have “any material impacts to customers,” according to a spokeswoman. The Southeast Supply Header line delivers natural gas from northeast Louisiana to Alabama.

Bloomberg News, 10:50 January 22, 2010

### Update: CIG to Complete Repair Work at Totem Natural Gas Storage Field in Colorado around February 12

Colorado Interstate Gas (CIG) declared a Force Majeure at its Totem Storage field on Colorado, effective December 17, to perform repairs, it said in a previous notice. The company had expected to complete those repairs on February 28, 2010, but now expects to finish the work on February 12, 2010, according to a new notice. CIG plans to determine by February 9, 2010 whether it will lift the force majeure on or around February 12.

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CIG&sSubCategory=Critical&sNoticeId=7956>

<http://ebb.cigco.com/ebbCIG/Notices/NoticeView.asp?sPipelineCode=CP&sSubCategory=Critical&sNoticeId=1048>

## Other News

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### AE Biofuels Eyes Spring Restart of Cilion-Owned, 55 MMGal/Yr. Ethanol Plant in Keyes, California

Cilion opened the facility in late-2008, but shut it in early 2009 amid reduced fuel demand and rising corn prices, sources said. AE Biofuels, however, plans to lease the plant, and says it could resume operations this spring. The site had run entirely on corn, but AE expects wheat straw, corn stalks and other agricultural waste to account for as much as 25 percent of production.

[http://www.aebiofuels.com/keyes\\_plant\\_12.02.09.php](http://www.aebiofuels.com/keyes_plant_12.02.09.php)

<http://www.modbee.com/ag/story/1018128.html>

<http://www.centralvalleybusinesstimes.com/stories/001/?ID=14194>

### Kawartha Ethanol Plans 21 MMGal/Yr. Corn-based Ethanol Plant in Ontario, Canada

The company expects to open the site in the spring of 2010, a local official said.

<http://www.kawarthaethanol.ca/>

<http://www.communitypress-online.com/ArticleDisplay.aspx?e=2271643>

## Energy Prices

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U.S. Oil and Gas Prices			
January 22, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	74.60	78.43	40.02
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	5.52	5.77	4.87
\$/Million Btu			

Source: Reuters

### **Tornado Cuts Power to 10,000 Huntsville Utilities Customers in Alabama January 21**

<http://www.montgomeryadvertiser.com/article/20100122/NEWS/100122023/Tornado+at+Huntsville++leaves+dam+age+>  
[http://blog.al.com/breaking/2010/01/mayor\\_tommy\\_battle\\_asks\\_tornad.html](http://blog.al.com/breaking/2010/01/mayor_tommy_battle_asks_tornad.html)  
<http://www.wifr.com/weather/headlines/82327782.html>

### **Vandals Shoot at Gulf Power Substation in Milton, Florida, Knocking Out Power to 4,400 Customers by January 21**

<http://www.pnj.com/article/20100121/NEWS01/1210321/1006/NEWS01/Vandals-damage-Gulf-Power-equipment>

### **Longview Fibre paper and Packaging Plans End of 2011 Start-Date for 65 MW Biomass Power Plant in Washington**

[http://www.tdn.com/news/local/article\\_8643f3e6-06e7-11df-beda-001cc4c03286.html](http://www.tdn.com/news/local/article_8643f3e6-06e7-11df-beda-001cc4c03286.html)

### **Confluence Solar Plans Mono-Crystal Silicon Ingot Production Facility in Tennessee—Product Boosts Solar Cell Efficiency by at Least 15 Percent**

<http://www.knoxnews.com/news/2010/jan/21/clinton-selected-for-solar-component-plant/>

### **California PUC Approves \$350 Million in Rebates to Spur Solar-Powered Heater Installations January 21**

<http://www.latimes.com/business/la-fi-solar22-2010jan22,0,6571834.story>

### **EPA Searches Chevron Oil Facilities in Cook Inlet, Alaska on Suspicion That Company Knowingly Violated Air Permits and Lied to Federal Authorities—Court Filings**

<http://www.adn.com/news/alaska/story/1104790.html>

### **Canadian Government Failed to Appropriately Assess Imperial Metal's Red Chris Mine Project in British Columbia, Canadian Supreme Court Says January 21—Ruling Could Impact Later Environmental Assessments of Canadian Resource Projects**

<http://theyee.ca/Blogs/TheHook/Environment/2010/01/21/RedMine/>

### **NuStar Logistics Plans 3 Million Barrel Oil Storage Boost at Terminal along Mississippi River, Louisiana**

<http://www.theadvocate.com/news/business/82330907.html>  
[http://www.nola.com/business/index.ssf/2010/01/state\\_bond\\_commission\\_approves.html](http://www.nola.com/business/index.ssf/2010/01/state_bond_commission_approves.html)

### **Judge Upholds Colorado Rules Mandating Oil-and-Gas Waste Disposal Pits to Include Synthetic Liners**

[http://durangoherald.com/sections/News/2010/01/22/Judge\\_sides\\_with\\_Colorado\\_on\\_gas\\_and\\_oil\\_wastedisposal\\_pits\\_rule/](http://durangoherald.com/sections/News/2010/01/22/Judge_sides_with_Colorado_on_gas_and_oil_wastedisposal_pits_rule/)

### **Canadian Officials Announce Three-Member Review Panel for Enbridge's Proposed 525,000 b/d Alberta-to-British Columbia Northern Gateway Oil Pipeline Project**

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=20627](http://www.downstreamtoday.com/news/article.aspx?a_id=20627)  
<http://www.northerngateway.ca/project-info/northern-gateway-at-a-glance>

### **Update: Venezuela Rejects Foreign Firms' Offers to Help Develop Nation's Junin 10 Oilfield—Venezuela Said Previously That It Was Assessing Bids from Statoil and Total to Produce 200,000-to-300,000 b/d of Crude**

<http://www.reuters.com/article/idUSN2122865720100121?type=marketsNews>  
[http://online.wsj.com/article/BT-CO-20100121-718778.html?mod=WSJ\\_latestheadlines](http://online.wsj.com/article/BT-CO-20100121-718778.html?mod=WSJ_latestheadlines)

**Harvest Says Partly-Owned Petrodelta Could Produce more than 50,000 b/d of Oil in Venezuela by 2014**

[http://www.rigzone.com/news/article.asp?a\\_id=86227](http://www.rigzone.com/news/article.asp?a_id=86227)

**OPEC Oil Shipments, not Including Angola and Ecuador, to Jump by 230,000 b/d in Four Weeks Ending February 6—Oil Movements**

<http://www.nasdaq.com/asp/stock-market-news-story.aspx?storyid=201001211144dowjonesdjonline000554&title=opec-sailings-seen-up-230000-b/d-in-4-weeks-to-feb-6-tracker>

**Compressor Motor Shut, Repaired, Restarted at Salt Creek Gas Plant in Texas January 21-23**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=134803>

**Canada-to-U.S. Natural Gas Exports Drop by 10.7 Percent in 12 Months Ended October 31, 2009—National Energy Board**

<http://intelligencepress.com/>

**U.S. East Coast's Chesapeake Bay Could Yield Approximately 500 Million Gallons of Fuel—Report**

<http://www.nytimes.com/gwire/2010/01/21/21greenwire-oversight-panel-sees-biofuel-crops-helping-che-84848.html>

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## 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](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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