



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

# ENERGY ASSURANCE DAILY

Friday Evening, February 12, 2010

(Coverage includes stories from February 5 through February 12)

## Major Developments

### Two Snowstorms Pounded Mid-Atlantic States Past Week, Peak Outages Totaled About 1 Million Customers on February 6, Down to about 40,000 – 50,000 Customers Today.

Heavy snowfall beginning February 5 and a subsequent blizzard on February 9-10 knocked out power to hundreds of thousands of customers throughout the Mid-Atlantic region. Utilities and cooperatives in Virginia, Maryland, Pennsylvania, New Jersey, West Virginia, Delaware, and the District of Columbia were affected. The heavy snowfall of February 5-6 left about 1 million customers without power by early afternoon February 6. Restoration activities were complicated over subsequent days by the several feet of snow on the ground. By early afternoon on February 9, utilities and cooperatives had reduced outages to about 100,000-110,000 customers in the affected service areas. The blizzard, which began in the late afternoon February 9, caused tens of thousands of new customer outages, particularly in West Virginia, Maryland, and Delaware. By the afternoon of February 10, about 120,000-140,000 customers were without power in the Mid-Atlantic. Outages were reduced to about 75,000-100,000 customers by the afternoon of February 11 and as of midday February 12, outages have been further reduced to about 40,000 to 50,000 customers, with the largest number of outages in Pennsylvania, particularly in the Allegheny Power and PECO service areas. Most affected utilities expect to complete restoration on February 12. Allegheny Power does not expect to fully restore power to parts of its service areas in West Virginia and Pennsylvania until February 13 or 14. No snowstorms are expected to impact the Mid-Atlantic over the weekend.

Mid-Atlantic Customer Power Outages			
February 6 - 12, 2010			
Electric Utility	State	Feb 6	Feb 12
Dominion Power	VA	207,000	325
Appalachian Power	VA	41,873	1,062
Rappahannock Electric Coop.	VA	40,000	22
Northern Virginia Electric Coop. (NOVEC)	VA	20,413	4
Pepco	VA	13,461	0
Allegheny Power	VA	34,815	21
Central Virginia Electric Coop (CVEC)	VA	10,000	0
Shenandoah Valley Electric Coop. (SVEC)	VA	9,500	13
<b>Virginia Subtotal</b>	<b>VA</b>	<b>377,062</b>	<b>1,447</b>
Pepco	MD	80,996	195
Baltimore Gas & Electric (BG&E)	MD	34,187	1,063
Delmarva Power	MD	8,747	529
Southern Maryland Electric Coop. (SMECO)	MD	4,620	12
Allegheny Power	MD	14,156	127
<b>Maryland Subtotal</b>	<b>MD</b>	<b>142,706</b>	<b>1,926</b>
Allegheny Power	PA	266,379	14,045
First Energy (Met-Ed, Penn Power)	PA	12 - 6,000	7 - 3,500
PECO	PA	56 - 600	>11,052
PPL Electric Utilities	PA	361	782
<b>Pennsylvania Subtotal</b>	<b>PA</b>	<b>266,808 - 273,440</b>	<b>&gt;29,379</b>
Atlantic City Electric	NJ	72,723	3,567
First Energy (Jersey Central Power & Light)	NJ	5 - 2,500	507 - 5,000
Public Service Enterprise Group (PSEG)	NJ	5 - 2,500	9 - 4,500
<b>New Jersey Subtotal</b>	<b>NJ</b>	<b>72,733 - 77,723</b>	<b>4,083 - 13,067</b>
Allegheny Power	WV	106,296	3,773

Appalachian Power	WV	5,150	0
<b>West Virginia Subtotal</b>	<b>WV</b>	<b>111,446</b>	<b>3,773</b>
Delmarva Power	DE	16,088	1,376
<b>Delaware Subtotal</b>	<b>DE</b>	<b>16,088</b>	<b>1,376</b>
Pepco	DC	9,584	46
<b>District of Columbia Subtotal</b>	<b>DC</b>	<b>9,584</b>	<b>46</b>
<b>TOTAL*</b>		<b>996,427 – 1,007,949</b>	<b>38,537-51,014+</b>

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

Sources:

VA – Allegheny Power as of 11:01 am EST 2/12/10:

[http://app.alleghenyenergy.com/outagestatus/OMS\\_Customer\\_State.aspx?Option=State&User=](http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=)

<http://www.alleghenypower.com/StormReport.asp>

<http://www.alleghenypower.com/StormReport.asp>

Appalachian Power as of 12:15 am EST 2/12/10:

<https://www.appalachianpower.com/outages/details.aspx?stormName=Virginia%20Feb%205%20Winter%20Storm>

Central Virginia Electric Coop as of 3:30 pm, EST 2.12.10, <http://www.cvecinfo.com/outage/index.html>

Dominion Power as of 2/6/10, <http://dom.mediaroom.com/index.php?s=43&item=860> and as of

11:43 am EST 2/12/10: <http://www.dom.com/storm-center/dominion-electric-outage-summary.jsp>

Northern Virginia Electric Cooperative (NOVEC) as of 11:45 am EST 2/12/10:

<http://www.novec.com/customcf/novecmap/summarynew.cfm>

Pepco as of 11:45 am EST 2/12/10: <http://www.pepco.com/home/emergency/maps/stormcenter/>

Rappahannock Electric Coop as of 11:45 am EST 2/12/10: <http://www.myrec.coop/outage-center/outage-summary.cfm>

Shenandoah Valley Electric Cooperative 12:30 PM EST 2/6/2010 and 11:46 am EST 2/12/10:

<http://www.svec.coop/outages/>

<http://www.vaemergency.com/newsroom/sitreps/2010/index.cfm>

MD – Allegheny Power as of 11:01 am EST 2/12/10:

[http://app.alleghenyenergy.com/outagestatus/OMS\\_Customer\\_State.aspx?Option=State&User=](http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=)

Baltimore Gas and Electric as of 11:53 am EST 2/12/10:

<http://www.bge.com/portal/site/bge/menuitem.eb0798e0c710ad25c7b0eb22747176a0>

Delmarva Power as of 11:45 am EST 2/12/10: <http://www.delmarva.com/home/emergency/maps/stormcenter/>

Pepco as of 11:45 am EST 2/12/10: <http://www.pepco.com/home/emergency/maps/stormcenter/>

SMECO as of 12:00 pm EST 2/12/10: <http://outage.smeco.coop/>

PA – Allegheny Power as of 11:01 am EST 2/12/10:

[http://app.alleghenyenergy.com/outagestatus/OMS\\_Customer\\_State.aspx?Option=State&User=](http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=)

First Energy as of 12:08 pm EST 2/12/10: [http://www.firstenergycorp.com/outages/outages.do?state\\_code=PA](http://www.firstenergycorp.com/outages/outages.do?state_code=PA)

PECO as of 11:45 am EST 2/12/10: <http://www.peco.com/outagemap>

PPL Electric Utilities as of 12:07 pm EST 2/12/10: <http://www.pplelectric.com/Outage+Center>

NJ – Atlantic City Electric as of 12:00 pm EST 2/12/10:

<http://www.atlanticcityelectric.com/home/emergency/maps/stormcenter/>

First Energy as of 12:08 pm EST 2/12/10: [http://www.firstenergycorp.com/outages/outages.do?state\\_code=NJ](http://www.firstenergycorp.com/outages/outages.do?state_code=NJ)

Public Service Enterprise Group (PSEG) as of 12:15 pm EST 2/12/10: <http://www.pseg.com/outagecenter/index.jsp>

WV – Allegheny Power as of 11:01 am EST 2/12/10:

[http://app.alleghenyenergy.com/outagestatus/OMS\\_Customer\\_State.aspx?Option=State&User=](http://app.alleghenyenergy.com/outagestatus/OMS_Customer_State.aspx?Option=State&User=)

Appalachian Power as of 12:15 am EST 2/12/10:

<https://www.appalachianpower.com/outages/details.aspx?stormName=Virginia%20Feb%205%20Winter%20Storm>

DE – Delmarva Power as of 11:45 am EST 2/12/10: <http://www.delmarva.com/home/emergency/maps/stormcenter/>

DC – Pepco as of 11:45 am EST 2/12/10: <http://www.pepco.com/home/emergency/maps/stormcenter/>

## Record-Breaking Snowfall Cuts Power to More Than 260,000 Customers in Gulf Coast February 11-12

Record-breaking snowfall knocked out power to an estimated 262,276 customers across the Gulf Coast states February 11-12. Utility and cooperative service territories were affected in Texas, Louisiana, Mississippi, Alabama, and Arkansas. As of late afternoon, February 12, the latest reports indicate that about 247,977 customers remain without power. So far, Texas has been the hardest hit, with about 180,000 customer outages reported in Oncor's service territory in the Dallas-Fort Worth area and more than 32,000 outages in SWEPCO's Texas service areas. The storm is moving east from Texas and Louisiana and is expected to pass through the Southeast.

Gulf Coast Customer Power Outages			
February 12, 2010			
Electric Utility	State	Peak	Latest Reported
Oncor	TX	180,000	180,000
Southwestern Electric Power Co. (SWEPCO)	TX	38,253	32,227
<b>Texas Subtotal</b>	<b>TX</b>	<b>218,253</b>	<b>212,227</b>

Entergy Louisiana, LLC	LA	10,901	10,901
Southwestern Electric Power Co. (SWEPCO)	LA	8,467	4,416
CLECO Power	LA	566	566
Dixie Electric Membership Coop. (DEMCO)	LA	684	684
<b>Louisiana Subtotal</b>	<b>LA</b>	<b>20,618</b>	<b>16,567</b>
Entergy Mississippi, Inc.	MS	16,833	16,833
Electric Power Association of Mississippi	MS	5,000	2,500
<b>Mississippi Subtotal</b>	<b>MS</b>	<b>21,833</b>	<b>19,333</b>
Alabama Power	AL	1,100	1,100
<b>Alabama Subtotal</b>	<b>AL</b>	<b>1,100</b>	<b>1,100</b>
Southwestern Electric Power Co. (SWEPCO)	AR	472	0
<b>Arkansas Subtotal</b>	<b>AR</b>	<b>472</b>	<b>0</b>
<b>TOTAL *</b>		<b>262,276</b>	<b>247,977</b>

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

Sources:

SWEPCO press release: <https://www.swepco.com/outages/details.aspx?stormName=Ark-La-Tex%20Feb.%2011-12%20Snow%20Storm>

SWEPCO outages: <https://www.swepco.com/outages/>

Oncor: <http://www.oncor.com/news/newsrel/detail.aspx?prid=1230>

Entergy Louisiana: <http://viewoutage.entergy.com/la.aspx>

Entergy Arkansas: <http://viewoutage.entergy.com/ms.aspx>

DEMCO: <http://demco.maps.sienatech.com/>

CLECO: <http://www.cleco.com/omsmapi/>

Alabama Power: [http://blog.al.com/spotnews/2010/02/more\\_than\\_1000\\_outages\\_statewi.html](http://blog.al.com/spotnews/2010/02/more_than_1000_outages_statewi.html)

Electric Power Association of Alabama: <http://www.clarionledger.com/article/20100212/NEWS0110/100212010/>

## Five Dead after Explosion at Kleen Energy Systems' Partly-Completed, Planned 620 MW Gas-fired Power Plant in Connecticut February 7

An explosion tore through large sections of Kleen Energy Systems' partly-finished, planned 620 MW gas-fired power plant in Middletown, Connecticut on February 7, killing five people and casting doubt over the company's plans to complete the project, news sources said. Workers were purging a gas line just prior to the blast, but investigators continued to assess the cause, as of latest reports. The U.S. Chemical and Safety Board had issued "urgent safety recommendations on gas purging safety" just days before the incident, and the explosion led to renewed calls for increased oversight of the practice, sources said. Kleen Energy Systems broke ground on the facility in February of 2008, and had expected to open the project this summer. The company could not yet say how the incident might affect its plans.

<http://www.courant.com/community/middletown/power-plant-explosion/hc-middletown-plant-0212.artfeb12.0.367464.story>

<http://www.businessweek.com/news/2010-02-09/investigation-of-kleen-energy-blast-may-take-at-least-a-week.html>

<http://www.wfsb.com/news/22528233/detail.html>

<http://blogs.wvgazette.com/watchdog/2010/02/09/csb-barred-from-probe-of-conn-power-plant-explosion/>

<http://www.csb.gov/newsroom/detail.aspx?nid=304>

<http://www.google.com/hostednews/ap/article/ALeqM5h9wP0DZzTuiZWNi8yyhX6To65vewD9DOCDJ00>

[http://www.elp.com/index/display/article-display/3421342111/articles/electric-light-power/generation/natural-gas/2010/02/Deadly\\_explosion\\_hits\\_Connecticut\\_gas\\_fired\\_power\\_plant.html](http://www.elp.com/index/display/article-display/3421342111/articles/electric-light-power/generation/natural-gas/2010/02/Deadly_explosion_hits_Connecticut_gas_fired_power_plant.html)

[http://www.bostonherald.com/news/national/northeast/view/201002115\\_men\\_killed\\_in\\_conn\\_power\\_plant\\_part\\_of\\_gas\\_purging\\_crew/srvc=home&position=recent](http://www.bostonherald.com/news/national/northeast/view/201002115_men_killed_in_conn_power_plant_part_of_gas_purging_crew/srvc=home&position=recent)

Bloomberg News, 01:10 February 8, 2010

## Electricity

### Exelon's 1,022 MW Clinton Nuke Unit in Illinois Reduced to 79 Percent by February 12

The Nuclear Regulatory Commission reported that on the morning of February 11 the unit was operating at 97 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: AES's 226 MW Huntington Beach Gas-fired Unit 1 in California Returns to Service by February 10**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 161 MW by February 9.

<http://www.caiso.com/unitstatus/data/unitstatus201002091515.html>

### **Update: Delta Power's 240 MW Crockett Gas-fired Unit in California Returns to Service by February 8**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201002081515.html>

### **Update: SCE's 200 MW Eastwood Pump-Gen Hydro Unit in California Returns to Service by February 7**

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus201002071515.html>

### **Update: STP's 1,251 MW South Texas Nuke Unit 1 in Texas at Full Power by February 11**

The unit was shut originally February 4 due to a problem with a control rod. The Nuclear Regulatory Commission reported that on the morning of February 10 the unit was operating at 89 percent.

Reuters, 08:16 February 10, 2010

Information also derived from the NRC Power Reactor Status Reports:

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

### **Xcel's 347 MW Harrington Coal-fired Unit 2 in Texas Shut February 7**

According to a filing with state regulators, the unit shut down unexpectedly to repair tube damage.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135080>

Reuters, 9:43 February 8, 2010"

### **Luminant Shut 793 MW Martin Lake Coal-fired Unit 3 in Texas February 11**

The company shut the unit to fix a boiler tube leak, it said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135759>

Reuters, 18:54 February 11, 2010

### **Mirant's 337 MW Contra Costa 7 Gas-fired Unit in California Shut February 7**

Reuters, 9:43 February 8, 2010"

### **Crockett's 240 MW Crockett Gas-fired Unit in California Shut February 7**

Reuters, 9:43 February 8, 2010"

### **CDWR's 237 MW Devil Canyon Hydro-fired Unit in California Shut February 8**

Reuters, 19:14 February 8, 2010

### **Tenaska's 332 MW High Desert Gas-fired Unit in California Shut February 9**

Reuters, 18:43 February 9, 2010

### **Intermountain's 900 MW Intermountain Coal-fired Unit 1 in Utah Shut February 7**

The unit is shut for one week of repairs

Reuters, 9:43 February 8, 2010

### **San Miguel Electric Coop Shuts 410 MW San Miguel Coal-fired Power Plant in Texas February 11**

The company shut the unit to fix a "tube leak in superheat section of boiler," it said in a filing with state regulators.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135769>

### **Luminant to Restart 793 MW Monticello Coal-fired Unit 3 in Texas February 11**

The unit tripped on February 11 after a large clinker fell in the boiler, “causing a furnace pressure” disruption and triggering a “large drop in superheat temperature,” the company said in a separate filing with state regulators.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135753>

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135785>

### **Fire Damages TVA’s 175 MW Shawnee Coal-fired Unit 8 in Kentucky February 10**

The fire appeared to have started when a damaged oil line made contact with hot metal, a Tennessee Valley Authority (TVA) employee said. Operators were shutting the unit for refueling at the time of the incident, a news source said. Officials expected the unit to require repairs, prior to any restart. Two workers suffered minor injuries, but the fire was extinguished.

<http://www.timesfreepress.com/news/2010/feb/10/fire-damages-tva-power-plant/?breakingnews>

### **Update: Cleco Power Begins Commercial Operations at its 600 MW Rodemacher Petroleum Coke-fired Unit 3 in Louisiana by February 12**

The unit will burn petroleum coke, initially, but could eventually run on renewable products such as biomass, the company said in a release.

<http://investor.shareholder.com/cnl/releasedetail.cfm?ReleaseID=444628>

### **City of Santa Clara’s 147 MW Donald Von Raesfeld Power Plant in California Closed for Two Months Following Cal-OSHA Inspection**

It is reported that the plant has been shut down for more than two months after a water heater overheated to dangerous levels with state and federal regulators on site to investigate. The plant is under heavy scrutiny after complaint from employees about safety issues.

[http://www.orovillemr.com/news/ci\\_14350078](http://www.orovillemr.com/news/ci_14350078)

<http://www.siliconvalleypower.com/about/pico/>

### **Dominion to Repair Recurring Electrical Problem at its 910 MW Millstone Nuke Unit 2 in Connecticut**

Dominion Nuclear Connecticut, a division of Dominion Power, announced recently the company will install a long-term uninterruptible power supply at the Unit 2 of its Millstone nuclear plant to prevent recurring electrical problems within the unit. The glitches have all been cited as preventable by the Nuclear Regulatory Commission.

<http://www.theday.com/article/20100206/BIZ02/302069928/1019&town=>

### **NV Energy Announced Plans for 150 MW Spring Valley Wind Farm in Nevada**

According to sources, the company anticipates that the facility to be located in eastern Nevada will begin operation in 2011.

<http://finance.yahoo.com/news/Wind-project-proposed-in-apf-1100066693.html?x=0&v=1>

### **Study Shows Immense Potential of Offshore Wind Production for Maryland**

According to a recent report by the Abell Foundation at the University of Delaware, offshore wind energy, if aggressively developed, could turn Maryland into a net exporter of power. The study says about 2,900 wind turbines could be placed using current technology in Atlantic waters 28-43-miles off the coast of Maryland. State regulators said they seek to construct only enough offshore turbines to meet the state’s renewable energy goals.

<http://www.baltimoresun.com/features/green/bal-md.gr.wind09feb09.0.2729670.story>

### **FERC Seeks Comments on Proposed Metrics to Judge Performance of Regional Transmission Organizations**

The Federal Energy Regulatory Commission (FERC) issued a notice February 2 seeking public comments on a set of proposed metrics developed with intention to measure performance of regional transmission organizations’ (RTO) operations and markets. The team of FERC staff and RTO staff identified 14 metrics covering reliability, markets and organizational effectiveness.

<http://elibrary.ferc.gov/idmws/common/downloadOpen.asp?downloadfile=20100203%2D3031%2823412449%29%2Epdf&folder=16313922&fileid=12260892&trial=1>

<http://www.appanet.org/newsletters/PublicPowerWeeklyList.cfm?navItemNumber=21069>



## **U.S. Northwest Could Meet 85 Percent of New Electric Demand over Next 20 Years with Efficiency Measures—Northwest Power and Conservation Council**

The U.S. Northwest could, through energy-efficiency measures, compensate for 5,900 MW of new electric demand over the next 20 years, the Northwest Power and Conservation Council said in its newly-adopted regional power plan. Should the area seek to meet current regional and state carbon-reduction targets for the year 2030, it would need to do three things, according to the council:

- Acquire the 5,900 average megawatts of energy efficiency
- Meet renewable-energy portfolio standards adopted in three of the four Northwest states
- Reduce the future use of existing coal-fired power plants by half, compared to present levels.

<http://www.nwcouncil.org/library/releases/2010/0210.htm>

## **North American Utilities Say Distribution Automation is Top Smart Grid Application, Survey Says**

A Greentech Media report titled “The 2010 North American Utility Smart Grid Deployment Survey” was recently released, in which it reports the three primary deployment concerns of utilities in North America are systems integration, data management solutions and electric vehicle integration. The survey is made up of answers from over 50 North American utilities.

<http://www.greentechmedia.com/articles/read/the-2010-north-american-utility-smart-grid-deployment-survey/>

## **OPG Announces Plans to Refurbish the 3,524 MW Darlington Nuke Plant and Tune-Up the 2,100 MW Pickering B Plant in Ontario**

Ontario Power Generation (OPG) announced its long-range plans for its Darlington and Pickering B nuclear plants. The Pickering plant would receive a tune-up enabling it to run for another 10 years before it is shut down. The Darlington plant would be fully refurbished allowing it to run until about 2050. The plan must submit for approval by OPG’s board. The plan must also be approved by the Canadian government and will be subject to an environmental assessment for the Darlington refurbishment.

<http://www.thestar.com/news/gta/article/762506--blueprint-extends-life-of-pickering-darlington-plants>

## ***Petroleum***

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### **Somerset Energy to Shutter 5,500 b/d Somerset, Kentucky Refinery by End of Week**

Somerset Energy Refining (SER) said supply issues—difficulties in obtaining crude oil—were to blame for its decision. Its largest crude supplier stopped sending oil in January 2010, and opted instead to deliver to Marathon's 226,000 b/d Catlettsburg, Kentucky refinery, according to an SER spokesman. The SER plant shut under its previous owners in late 2006, amid financial concerns, but financier Michael Grunberg purchased and re-opened the facility by the spring of 2009.

<http://www.rdmag.com/News/FeedsAP/2010/02/energy-historic-refinery-closing-again/>

[http://www.tradingmarkets.com/news/stock-alert/mncof\\_somerset-refinery-shuts-down-764872.html](http://www.tradingmarkets.com/news/stock-alert/mncof_somerset-refinery-shuts-down-764872.html)

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=21038](http://www.downstreamtoday.com/news/article.aspx?a_id=21038)

### **Unit Shut at Western Refining Company’s 63,650 b/d Yorktown, Virginia Refinery February 11**

The refinery shut an unidentified unit due to a goose that flew into a nearby power line, causing a temporary power blip that did not affect production.

Bloomberg News, 14:02 February 11, 2010

### **Explosion Shuts Unit at Calumet Specialty Product Partners Shreveport, Louisiana Refinery February 5**

The affected unit cleans residual gas, according to a company spokeswoman. The blast did not cause any injuries or fires, a Fire Department official said. The Shreveport facility produces paraffin-and-naphthene-derived products, according to the company’s website.

[http://www.calumetspecialty.com/Manufacturing/Shreveport.aspx#../images/shreveport/SH\\_controom.jpg](http://www.calumetspecialty.com/Manufacturing/Shreveport.aspx#../images/shreveport/SH_controom.jpg)

<http://www.kvia.com/Global/story.asp?S=11944563>

## **Oil Exploration Costs Up Three-Fold in 10 Years as Political, Technical, Geographical Risks Rise**

The cost of discovering new oil and gas has risen three-fold over the last decade as technology has increased the ability for rigs to probe areas never before touched. Combined with numerous risks in every arena, finding oil and gas to replace the world's decreasing reserves could bring a supply crunch as the cost for discovery has increased dramatically over the past decade.

Reuters, 07:00 February 11, 2010

## **Oil Tank Ruptures Spilling 52,000 Barrels of Crude at Abandoned Refinery in Corpus Christ, Texas February 9**

A local newspaper reported an oil tank ruptured at an abandoned oil refinery in Corpus Christi, Texas, spilling 52,000 barrels of crude oil. The spill happened on February 9 and is still being cleaned up.

Bloomberg News, 09:05 February 12, 2010

## **Equipment Malfunction Reported at ExxonMobil's 567,000 b/d Baytown, Texas Refinery February 6**

According to a filing with state regulators, a malfunction was reported on a delayed coking unit at the refinery. The event occurred within a compressor valve and there were no impacts on supplies.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=135528>

## **Gas Oil Spill Triggers Evacuation at Sinclair Oil's 66,000 b/d Sinclair, Wyoming Refinery February 5**

Officials evacuated all nonessential personnel after an approximately-30-barrel gas oil spill, a news source said. The move was precautionary, and the company expected to finish cleaning the spill over last weekend.

<http://www.localnews8.com/Global/story.asp?S=11944629>

## **BP Restarting Ultraformer after Weekend Shutdown at 467,720 b/d Texas City, Texas Refinery February 8**

BP shut the unit on February 6 to fix a "steam leak" on a furnace, according to a regulatory filing and news source. It began restarting the unit by Monday, February 8, the news source said.

[http://online.wsj.com/article/BT-CO-20100209-709828.html?mod=WSJ\\_latestheadlines](http://online.wsj.com/article/BT-CO-20100209-709828.html?mod=WSJ_latestheadlines)

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=135523>

## **Fire Slows CDU at Sunoco's 335,000 b/d Philadelphia, Pennsylvania Refinery February 9**

The affected unit was operating at reduced rates, as of February 9, a source familiar with the site's operations said. That source said the blaze had injured at least two people. The company did not confirm any impact to production, but a spokeswoman said the fire had been extinguished.

<http://www.reuters.com/article/idUSN0910566820100209>

Bloomberg News, 14:32 February 9, 2010

## **Alkylation Unit Shut ExxonMobil's 238,600 b/d Joliet, Illinois Refinery February 9**

The unit was shut down for several hours at the refinery with no affect on operations.

Bloomberg News, 10:32 February 9, 2010

## **Update: ConocoPhillips 247,000 b/d Belle Chasse, Louisiana Refinery Remains Online after February 4 Fire**

The facility continued to operate, as of February 9, a spokesman said. He did not say if the fire had caused any impact to production.

[http://online.wsj.com/article/BT-CO-20100210-712337.html?mod=WSJ\\_World\\_MIDDLEHeadlinesEurope](http://online.wsj.com/article/BT-CO-20100210-712337.html?mod=WSJ_World_MIDDLEHeadlinesEurope)

Bloomberg News, 18:15 February 5, 2010

## **U.S. Development Group Breaks Ground on Planned 65,000 b/d St. James Rail Terminal in Louisiana by February 11**

The company expects to complete the "crude oil and condensate unit train handling and distribution hub" by June of 2010, it says in a news release. The site will connect by pipeline to a nearby storage terminal.

[http://www.us-dev.com/news\\_021110.htm](http://www.us-dev.com/news_021110.htm)

## **Worker Injured in Fire at Montana Refining's 10,000 b/d Great Falls, Montana Refinery February 4**

One worker was burned in a fire that broke out on a unit that was being repaired at the refinery on late February 4. The source of ignition remains under investigation.  
Reuters, 17:46 February 5, 2010

## **Vitol to Open Seaport Canaveral Oil Terminal in Florida on April 29, 2010**

The facility's 24 tanks will be equipped to store about 2.4 million barrels, combined, of gasoline, gasoil, jet fuel, liquid propane gas and fuel oil, the company said. The site will include transportation infrastructure for barges, vessels and trucks, and a pipeline to connect with cruise ships.  
<http://uk.reuters.com/article/idUKN1211400320100212>

## **Pemex Shuts Unit after Fire at 162,000 b/d Minatitlan, Veracruz Refinery February 11**

The refinery's on-site brigade extinguished the fire, but Pemex shut a "Charge Preparation Unit" for precautionary reasons, it said. The company expected to restart the unit, pending inspections.  
<http://www.reuters.com/article/idUSN1110177720100211>

## **Update: Cenovus to Produce More than 400,000 b/d, Combined, at Existing 52,000 b/d Foster Creek and Christina Lake Oil Sands Projects in Alberta, Canada**

Cenovus expects to open the third, 40,000 b/d phase of its Christina Lake oil sands project in late 2011, and the fourth, 40,000 b/d phase in mid-2013, it said by February 11. The company produced about 52,000 b/d combined, at its Foster Creek and Christina Lake oil sands properties during the fourth quarter of 2009, but aims to raise that total to more than 400,000 b/d by 2017.

[http://online.wsj.com/article/BT-CO-20100211-714378.html?mod=WSJ\\_World\\_MIDDLEHeadlinesAmericas](http://online.wsj.com/article/BT-CO-20100211-714378.html?mod=WSJ_World_MIDDLEHeadlinesAmericas)

## **Militants Claim Attack on Shell Pipeline in Nigeria February 7**

The Joint Revolutionary Council (JRC) said it had attacked and forced shut an oil pipeline in the Niger Delta, Nigeria on February 7, but the Nigerian military said the attack was actually unsuccessful and Shell said it had not received reports of any assault, multiple news sources said. The JRC claimed the affected line linked multiple flow stations to the Bonny export terminal.

<http://www.reuters.com/article/idUSTRE6160OK20100207>

<http://allafrica.com/stories/201002081459.html>

<http://edition.cnn.com/2010/WORLD/africa/02/12/nigeria.pipeline.attack/>

Bloomberg News, 13:31 February 7, 2010

## **Fire Forces Shut Suncor Energy's 125,000 b/d Oil Sands Upgrader near Fort McMurray, Alberta February 9**

Suncor Energy Inc. said it was reviewing damage and would "provide an update on scheduling or repairs when the assessment is complete." A news source said the affected upgrader was offline. The site's other, 175,000 b/d upgrader—repaired after a December 2009 fire—remained in service, a company spokesman said.

<http://www.suncor.com/en/newsroom/2418.aspx?id=1114728>

<http://www.reuters.com/article/idUSN0911380820100209>

<http://www.businessweek.com/news/2010-02-09/suncor-energy-reports-fire-at-fort-mcmurray-upgrader-update1-.html>

<http://www.amherstdaily.com/index.cfm?sid=325529&sc=498>

## **Operator BP Reports Chevron's Kazakh Unit Halts Exports via Baku-Tbilisi-Ceyhan Pipeline Since Last Month**

A spokesperson for TengizChevroil LLP, Chevron Corporation's Kazakh crude producing unit, said exports through the BTC pipeline have been halted since last month but declined to comment on the reason for the halt.

Bloomberg News, 04:37 February 12, 2010



## **Update: Valero Expects Fire-Downed FCC to Remain Offline for Weeks at 265,000 b/d Quebec, Canada Refinery**

Valero expected the 66,000 b/d gasoline-making fluid catalytic cracker unit (FCC) to remain offline for several weeks at its 265,000 b/d Quebec, Canada refinery, a spokesman said on February 8. The unit shut after a February 2 fire. The company did not, however, anticipate any disruption to its customers. On-site supplies and alternate production would satisfy demand, according to the spokesman.

<http://www.reuters.com/article/idUSN0818883120100208>

[http://online.wsj.com/article/BT-CO-20100209-709828.html?mod=WSJ\\_latestheadlines](http://online.wsj.com/article/BT-CO-20100209-709828.html?mod=WSJ_latestheadlines)

Bloomberg News, 10:18 February 8, 2010

## **Iraq to Allow Kurds to Resume Oil Exports After Reaching Agreement on Payment Method with Norway's DNO Company February 9**

Bloomberg News, 11:57 February 9, 2010

## **Georgia to Build Black Sea Oil Port to Boost Caspian Flows**

Bloomberg News, 09:25 February 9, 2010

## **Natural Gas**

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### **U.S. LNG Imports Increase Two-Fold as Compared to One Year Ago**

The Energy Information Administration reported U.S. imports of LNG doubled in January from a year ago hitting around 60 Bcf in January 2010.

<http://uk.reuters.com/article/idUKN1017543620100210>

### **Enbridge Announces Plans to Expand its East Texas Gas Gathering System to 900 MMcf/d of Transportation Capacity of Haynesville Shale Gas**

Enbridge Energy Partners announced plans to expand its East Texas Gas Gathering System by constructing three lateral pipelines into Haynesville Shale producing areas in East Texas together with an additional large diameter lateral from Shelby County to Carthage, Texas. The Haynesville Shale expansion is expected to increase capacity from Shelby, Nacogdoches and San Augustine counties to 900 MMcf/d. The project includes approximately 50-miles of 16-inch to 24-inch diameter pipe, all in Shelby, Nacogdoches and San Augustine counties, as well as an additional 38-mile, 24-inch lateral from Shelby County to Carthage. The project may also include a treating facility and additional compressor units to boost capacity out of the area.

[http://www.enbridgepartners.com/Reports/reportif\\_partners.aspx?pl=0&rptSite=5&rpt=%2fphoenix.zhtml%3fc%3d63707%26p%3dirol-news%26nyo%3d0&tmi=475&tmt=5](http://www.enbridgepartners.com/Reports/reportif_partners.aspx?pl=0&rptSite=5&rpt=%2fphoenix.zhtml%3fc%3d63707%26p%3dirol-news%26nyo%3d0&tmi=475&tmt=5)

### **Buckeye Partners, NOVA Chemicals Corporation Sign Memorandum of Understanding for New Marcellus NGL Feedstock Pipeline to Sarnia, Ontario February 10**

Buckeye Partners and NOVA Chemicals Corporation announced they have signed a memorandum of understanding regarding the evaluation and development of a mixed natural gas liquids (NGL) pipeline from the Marcellus Basin in Pennsylvania to the refining and petrochemical complex in the Sarnia-Lambton area in Ontario, Canada. The Union Pipeline Project, which is subject to final agreements and any necessary regulatory approvals, would ship mixed NGLs, principally for use as petrochemical feedstock.

<http://www.buckeye.com/LinkClick.aspx?link=News+Releases%2f2010%2fBPL+Union+Pipeline+News+Release+2-10-10.pdf&tabid=83&mid=985>

### **National Fuel to Expand Pipelines in Marcellus Shale Region**

National Fuel executives announced they are moving ahead with three smaller scale pipeline projects to extend National Fuel's Empire Connector pipeline by 16 miles in northwestern Pennsylvania. A separate pipeline linking the southwestern end of National Fuel's pipeline system with the Texas Eastern pipeline was also announced. National Fuel also is building a new compressor station in Lamont, Pennsylvania, to increase the capacity of an existing line that links with the Tennessee Gas pipeline.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=20971](http://www.downstreamtoday.com/news/article.aspx?a_id=20971)

### **Plant Upset Reported at King Ranch Gas Processing Plant in Texas February 6**

According to a filing with state regulators, a boiler unexpectedly shutdown causing a loss in the process steam.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=135617>

## **Energy Transfer Partners Announces Expansion of Tiger Pipeline in Louisiana and Texas**

Energy Transfer Partners announced the expansion of the planned Tiger Pipeline that will service the Haynesville Shale producing region in Louisiana and East Texas. Energy Transfer has entered into a binding, 10-year agreement with the expansion's foundation shipper for 400 MMcf/d of capacity, bringing the pipeline's long-term contractual commitments to 2.4 Bcf/d. The approximately 180-mile, 42-inch Tiger natural gas pipeline system, which was announced in January 2009, will serve the Haynesville Shale producing region in Louisiana and the Carthage Hub area in East Texas and will have interconnects with 7 major interstate pipelines serving the eastern half of the United States. The pipeline is expected to be in service the first half of 2011, and the expansion is expected to be completed in the second half of 2011.

<http://www.energytransfer.com/PressReleases.asp?idPressRelease=314>

## **Acid Gas Compressor Shut at Waha Gas Processing Plant in Texas February 6**

According to a filing with state regulators, an acid gas compressor shut at the plant but was later placed back into service.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=135524>

## **Other News**

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### **U.S. Coast Guard Closes 4-Mile Stretch of Houston Ship Channel in Response to Sunken Tug Boat February 11**

The U.S. Coast Guard (USCG) along with local authorities in Houston, Texas responded to a tug boat that sunk in the Houston Ship Channel on February 9. The Captain of the Port closed the Houston Ship Channel from the Sims Bayou to the Vopak's storage terminal, he said. The area is near Valero's 83,000 b/d Houston refinery and LyondellBasell Industries' 270,600 b/d Houston refinery, yet both companies have made statements anticipating the channel closure will not effect operations at either plant. A spokesperson for the USCG reported it was unclear how long the search operation would last and as of February 11, there were no reports of traffic back-up.

[http://www.rigzone.com/news/article.asp?a\\_id=87390](http://www.rigzone.com/news/article.asp?a_id=87390)

[http://online.wsj.com/article/BT-CO-20100211-711029.html?mod=WSJ\\_latestheadlines](http://online.wsj.com/article/BT-CO-20100211-711029.html?mod=WSJ_latestheadlines)

Bloomberg, 12:26 February 11, 2010

### **Damaged Lock Stalls Traffic on Ohio River February 9**

River traffic on the Ohio River is backed up after the second gate failure in five months as the U.S. Army Corps of Engineers said it shut an auxiliary lock on the Ohio River early morning February 9. The shutdown lasted for about eight hours.

<http://www.joc.com/node/416570>

Bloomberg News, 09:26 February 12, 2010

### **Clean Burn Fuels LLC's 60 MM Gal/yr Ethanol Production Facility in Dudarrach, North Carolina to be State's First Corn Based Ethanol Plant**

In approximately one month, Clean Burn Fuels LLC will open its 60 MM gallon/year ethanol plant after two years of construction. The Dudarrach facility will draw 20 percent of the corn used from local farmers with the remaining 80 percent coming from the Midwest via rail and truck. A company executive said the plant was originally set to begin production in January, but bad weather caused construction delays.

[http://ethanolproducer.com/article.jsp?article\\_id=6334](http://ethanolproducer.com/article.jsp?article_id=6334)

<http://www.fayobserver.com/Articles/2010/02/08/974531>

### **Nebraska Corn Processing LLC Re-Opens 40 MM Gal/yr Ethanol Production Plant in Nebraska**

The new owners of the ethanol plant have re-opened the facility though production is not expected to begin for another month a local newspaper reported. Nebraska Corn Processing LLC plans to increase production by 4 million gallons to 44 million gallons of ethanol production per year. The plant has been idle for about one year.

<http://ethanol-news.newslib.com/story/6938-34747/>

### **NuStar Begins Service at Two New Ethanol Unit Train Terminals in California**

NuStar Energy has begun to receive and offload ethanol unit trains at its new 1 MM bbls Stockton terminal as well as its 3 MM bbl Selby terminal, both located in northern California.

[http://www.tankstoragemag.com/industry\\_news.php?item\\_id=1741](http://www.tankstoragemag.com/industry_news.php?item_id=1741)

## **Sundrop Fuels Develops World's First Hybrid Solar-Biomass Refinery to Use Concentrated Solar Power to Heat Plant Scraps and Wood Chips to Create Biofuel**

The New Mexico-based company is seeking investors to get the demonstration mode for the world's first biorefinery to use concentrated solar power to heat wood chips and plant scraps to create 8-million gallons of alternative fuel per year. Projections show Sundrop Fuels plans to have the demonstration project online in 2012.

<http://solar.cafinder.com/blog/products/the-worlds-first-solar-biomass-refinery/>

## **Coal Train Derails in Southwestern Pennsylvania February 7**

Crews from CSX continue to work to upright rail cars and clean up coal after a train derailed over the weekend. According to local media, no one was injured when 113 cars of the 130-car train derailed.

<http://www.observer-reporter.com/OR/StoryAP/02-08-2010-Coal-Spill>

## **EnergySolutions Former Executive Proposes Building Second Radioactive Waste Site in Utah to Handle Future Waste from the Decommissioning of Nuclear Power Plants**

<http://www.google.com/hostednews/ap/article/ALeqM5hMSdLzDAdHpYWegCkb41SXyjNZqgD9DOUSN00>

## **Utility Companies Worldwide to Spend Over \$20 Billion by 2015 to Improve Cyber Security for the World's Electric Smart Grid, Pike Research Reports**

According to a recent research report published by Pike Research, utility companies around the world will spend up to a total of \$21 billion over the next five years to better safeguard the grid against cyberattacks. The report says over the next five years, security spending will probably be heaviest on equipment protection and management. But money will also need to be invested in better securing distribution automation and smart meters.

<http://www.pikeresearch.com/newsroom/utilities-to-invest-21-billion-in-smart-grid-cyber-security-by-2015>

## **Three States Issue Tanker Truck Driver Hours-of-Service Waivers to Ease Heating Fuel Supplies Amid Snow Storms**

Maryland, Ohio, and Delaware have issued tanker truck driver hours-of-service (HOS) exemptions over the past week to ease deliveries of propane and heating oil amid the snowstorms impacting the region. Seven states have active HOS waivers that were issued earlier in the year, including Virginia.

<http://www.npga.org/i4a/pages/index.cfm?pageid=832>

## **Snow Storms Impact Rail Operations, Coal Deliveries Across Eastern U.S.**

The two big eastern railroads – CSX Transportation and Norfolk Southern Railway – said their train moves in the storm zones were delayed for many hours as they first dug out from the heavy snowfall of February 6 and then were buried again with the second storm Feb. 9-10. Both carriers invoked force majeure clauses on some traffic for events outside their control, thereby lifting normal delivery guarantees to customers. The service delays impact deliveries of coal to coal-fired power plants and the movement of other energy products.

<http://www.nscorp.com/nscportal/nscorp/>

<http://www.csx.com/?fuseaction=customers.news-detail&i=50562>

<http://www.businessweek.com/news/2010-02-08/norfolk-southern-declared-force-majeure-across-eight-u-s-states.html>

<http://www.joc.com/node/416594>

## **Xstrata Subsidiary, Erdene Resource Development Corp. to Produce 2.75 Million Tonnes/Year of Coking Coal at Donkin Mine in Nova Scotia, Canada**

The companies expect to reach full production by 2015, and maintain the 2.75 million tonnes/year figure for as long as 30 years, a news source said.

<http://thechronicleherald.ca/Business/1167209.html>

## **Drilling, Mining Now Prohibited in Flathead Valley along U.S.-Canadian Border**

Leaders of Montana and British Columbia announced a ban on gas drilling, gold exploration and coal mining within Flathead Valley, located upstream from Glacier National Park. Montana Governor Schweitzer said the ban would put a halt to exploration work and prohibit future development and added that "companies with money already invested in leases or exploration would be compensated through the Canadian and US federal governments."

<http://www.washingtonpost.com/wp-dyn/content/article/2010/02/09/AR2010020903533.html>

## Energy Prices

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U.S. Oil and Gas Prices February 12, 2010			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	73.58	72.84	35.22
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	5.48	5.47	4.68

Source: Reuters

## Energy Notes

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**New Report Claims Cape Wind Project will Reduce Regional Electricity Prices by \$4.6 Billion over 25 Years**

<http://www.capewind.org/news1072.htm>

**Unknown Problem Knocks out Power to Over 18,000 Alabama Power Customers in Alabama February 8, Power has Since Been Restored**

[http://www.fox10tv.com/dpp/news/breaking\\_news/major-power-outage](http://www.fox10tv.com/dpp/news/breaking_news/major-power-outage)

**Police Officers Confront Copper Wire Thief at Substation in Denton, Texas February 4 – Suspect Got Away**

<http://www.nbcdfw.com/news/local-beat/Copper-Thief-Eludes-Coppers-83607762.html>

**Duke Energy Carolina Officials Find Elevated Levels of Radioactive Form on Hydrogen Water within Two Wells Located at its Oconee Nuclear Plant in South Carolina**

<http://finance.yahoo.com/news/Chemical-found-in-wells-at-SC-apf-4198208697.html?x=0&.v=1>

**Ormat Technologies' 17 MW Geothermal Fluid North Brawley Power Plant in California Placed into Service February 9**

<http://www.ormat.com/news.php?did=137&aid=21bb4e6c5d3bad843c809ace81d7ef66>

**NPPD, Midwest Wind and Edison Mission Group Expect to Complete 80 MW Laredo Ridge Wind Farm in Nebraska by End of 2010**

<http://finance.yahoo.com/news/Power-Purchase-Agreement-bw-2382195478.html?x=0&.v=1>

**Underground Transformer Explosion Damages Windows, Storefronts in New York City, New York February 11**

<http://www1.whdh.com/news/articles/national/BO135373/>

**Update: After December 2008 Coal Ash Spill at TVA's Kingston Coal-fired Power Plant in Tennessee, Company Expects to Finish Clean-up along Emory River by Mid-May 2010**

[http://blog.al.com/spotnews/2010/02/tva\\_chief\\_cleanup\\_of\\_tennessee.html](http://blog.al.com/spotnews/2010/02/tva_chief_cleanup_of_tennessee.html)

**SCE Settles Federal Lawsuit over 2002 Forest Fire through National Forest in California—Government Said Company Failures Were to Blame for Hardware Failure that Ignited the Blaze**

[http://www.sacbee.com/courts/story/2530489.html#mi\\_rss=Courts/Legal%20News](http://www.sacbee.com/courts/story/2530489.html#mi_rss=Courts/Legal%20News)

**Enel North America Unearths 100-Year-Old Turbines near Lawrence, Massachusetts, Vows to Refurbish and Install Turbines for Use in Other Hydroelectric Facilities**

[http://www.eagletribune.com/punews/local\\_story\\_041004106.html](http://www.eagletribune.com/punews/local_story_041004106.html)

**Update: New Hampshire Governor Lynch Asks NRC for Full Investigation of Safety and Management of Vermont Yankee Nuclear Plant February 10**

Bloomberg News, 12:50 February 10, 2010

**Northwest Power Conservation Council Adopts Regional Energy Plan – Avoids New Coal-fired Power Plants for Oregon, Washington, Idaho, Montana through 2030**

[http://seattletimes.nwsources.com/html/localnews/2011039131\\_webpowerplan11.html](http://seattletimes.nwsources.com/html/localnews/2011039131_webpowerplan11.html)

**Update: New Jersey Regulators Approve PSE&G's 45-Mile High-Voltage Power Line February 11**

[http://online.wsj.com/article/BT-CO-20100211-716573.html?mod=WSJ\\_latestheadlines](http://online.wsj.com/article/BT-CO-20100211-716573.html?mod=WSJ_latestheadlines)

**DOE Announces Over \$3.4 Billion in Smart Grid Investment Grants with Comprehensive Requirements through American Recovery and Reinvestment Act**

<http://www.riskcenter.com/story.php?id=19584>

**Segment of Planned 233-mile, 64-inch Oil Pipeline in United Arab Emirates to Open in April, 2010—Line to Avoid Strait of Hormuz**

<http://www.iranoilgas.com/news/details2/?type=news&p=current&newsID=5374&restrict=no>

**Deployment of Nexen Contracted, Ensco Operated New Rig in Gulf of Mexico Halted on Fire Damage February 11**

Reuters, 19:01 February 11, 2010

**ExxonMobil Sees no Production Impact after Flange Leak at 567,000 b/d Baytown, Texas Refinery February 11**

[http://online.wsj.com/article/BT-CO-20100212-708310.html?mod=WSJ\\_World\\_MIDDLEHeadlinesEurope](http://online.wsj.com/article/BT-CO-20100212-708310.html?mod=WSJ_World_MIDDLEHeadlinesEurope)

**Level Controller Failure Causes Flaring at Chevron's 245,571 b/d Richmond, California Refinery February 7**

Reuters, 17:37 February 7, 2010

**Leading Shipbroker Reports Vessels Used for Oil, Fuel Floating Storage Dropped 20 Percent in January 2010**

Bloomberg News, 22:15 February 8, 2010

**Petrobras Finds 25 MM bbls of Recoverable Oil in Waters of Brazil's Campos Basin February 11**

Bloomberg News, 10:29 February 11, 2010

**Pasadena Refinery Postpones Cat Cracker Turnaround at its 100,000 b/d Pasadena, Texas Refinery Until 2011**

Bloomberg News, 09:21 February 11, 2010

**U.S. Army Corps of Engineers Denies ConocoPhillips' Application to Build Bridges to Expand Oil Drilling on Alaska's North Slope, Says Project Would Harm Marine Wildlife**

[http://www.rigzone.com/news/article.asp?a\\_id=87273](http://www.rigzone.com/news/article.asp?a_id=87273)



**Keystone Company Executives Meet with Montana Governor Schweitzer to Discuss Planned 1,980-mile Oil Pipeline to Deliver oil from Saskatchewan, North Dakota and Montana to the U.S. Gulf Coast**

[http://www.missoulian.com/news/state-and-regional/article\\_6f3a52da-1295-11df-97da-001cc4c03286.html](http://www.missoulian.com/news/state-and-regional/article_6f3a52da-1295-11df-97da-001cc4c03286.html)

**International Energy Agency Reports Dismal Refining Sector Outlook through 2011 as Industry Needs to go through Restructuring and Consolidation Process before Returning to 'Business-as-Usual'**

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=21048](http://www.downstreamtoday.com/news/article.aspx?a_id=21048)

**Chavez Declares 'State of Emergency' in Electricity Sector for Venezuela on Drought Drying Up Water Supplies for Hydroelectric Dams**

Bloomberg News, 16:29 February 9, 2010

**Mexico Closes Both Dos Bocas, Cayo Arcas Oil Export Terminals in Mexican Gulf on Bad Weather February 12**

Reuters, 11:17 February 12, 2010

**Compressor Trips at ExxonMobil's Chemical Olefins Plant in Baytown, Texas February 10**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=135721>

**Update: Venezuela Awards Two of Three Oil Blocks in Orinoco-Region of Eastern Venezuela – Projects Expected to Produce up to 400,000 b/d Once Developed**

[http://online.wsj.com/article/BT-CO-20100211-702785.html?mod=WSJ\\_World\\_MIDDLEHeadlinesAsia](http://online.wsj.com/article/BT-CO-20100211-702785.html?mod=WSJ_World_MIDDLEHeadlinesAsia)

**OPEC's Oil Production Rises by 150,000 b/d from December 2009 – January 2010**

[http://www.rigzone.com/news/article.asp?a\\_id=87328](http://www.rigzone.com/news/article.asp?a_id=87328)

**MMS Plans March 17, 2010 Oil-and-Gas Lease Sale for Gulf of Mexico Acreage Offshore Louisiana, Mississippi, and Alabama—Area Could Yield About 0.8-to-1.3 Billion Barrels of Oil and 3.3-to-5.4 Tcf of Natural Gas, MMS Says**

[http://www.rigzone.com/news/article.asp?a\\_id=87394](http://www.rigzone.com/news/article.asp?a_id=87394)

**Sulfatreat Vessel Malfunction Causes Exchangers to Plug, Forces Shut Hainesville Gas Processing Plant in Texas February 11-16**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=135755>

**Northland to Build 261 MW Gas-fired Power Plant in Saskatchewan Plant**

Bloomberg News, 17:21 February 8, 2010

**Tennessee Gas Pipeline Company Announces Emergency Repair Issue at Station 321 on Pipeline Route – No Volume Reductions Anticipated February 10**

<http://tebb.epenergy.com/ebb/notices/NoticeView.asp?sPipelineCode=TGP&sSubCategory=Critical&sNoticeId=130053>

**Update: OAO Gazprom Wins Permit to Build Nord Stream AG Gas Pipeline under the Baltic Sea**

Bloomberg News, 09:21 February 12, 2010

**Grupo Indi, STX Heavy Industries Co. Plan 2014 Start-Date for LNG Terminal along Mexican Pacific Coast—Site to Receive, Process as Much as 3.8 Million Tons of LNG/Year**

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=21046](http://www.downstreamtoday.com/news/article.aspx?a_id=21046)

**Update: Russia's Gazprom Receives Final Permit for Planned Nord Stream Natural Gas Pipeline to Germany February 12—Deliveries Slated to Begin in 2011**

<http://www.businessweek.com/news/2010-02-12/gazprom-cleared-to-start-building-10-billion-baltic-pipeline.html>

**FERC Authorizes Construction and Operation of Perryville Gas Storage's Planned Salt Cavern Natural Gas Storage Facility in Louisiana due Online Late 2012**

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=20966](http://www.downstreamtoday.com/news/article.aspx?a_id=20966)

**Local Government of Dish, Texas Votes in Favor of 90-Day Moratorium on New Gas Well Drilling for Officials to Update Ordinances to Allow for Greener Technology**

<http://www.chron.com/disp/story.mpl/ap/tx/6857753.html>

**Fire Strikes Two Conveyor Belts at Rawhide Coal Mine in Wyoming February 9—Affected Belts Were Not in Service, at Time of Incident**

<http://www.kulr8.com/news/wyoming/84052922.html>

**New Planet Energy, INEOS BioEnergy Plan 8 MMGal/Yr. Garden Foliage-to-Bioethanol Plant in Florida**

[http://www.biofuels-news.com/industry\\_news.php?item\\_id=1767](http://www.biofuels-news.com/industry_news.php?item_id=1767)

**Kentucky Viewed as Possible Alternative Site for Nuclear Waste as State Senate Approves Bill to OK Nuclear Waste Storage**

<http://www.newsweek.com/id/233408?from=rss>

**Yucca Mountain a Possible Site for Reprocessing of Nuclear Waste Rather than Storage Site for Nuclear Waste Material, Proponents in Nevada Say**

<http://www.lvrj.com/news/yucca-mountain-seen-as-possible-reprocessing-site-83787692.html>

**Premium Non-Ethanol Gasoline Now Available to Oregon Motorists in Response to Complaints of Poor Gas-mileage and System Clogs from E10 Blended Gasoline**

<http://www.nrtoday.com/article/20100205/NEWS/100209884/1063/NEWS&ParentProfile=1055>

## **Links**

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***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

*Energy Assurance Daily* provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:  
<http://www.oe.netl.doe.gov/ead.aspx>

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