



# ENERGY ASSURANCE DAILY

Tuesday Evening, September 02, 2008

## Major Developments

### Hurricane Gustav Cuts Power to Almost 1.4 Million Customers in Louisiana, Mississippi September 1-2

Hurricane Gustav made landfall yesterday morning, September 1, downing power lines, substations and cutting power to an estimated 1,371,424 customers in Louisiana and Mississippi. The New Orleans and Baton Rouge area is operating “essentially an island, no longer electrically connected to the rest of the system,” according to Entergy. Entergy has restored power to almost 24,000 of the 850,000 customers affected by the storm, but weather conditions continue to impede responders’ efforts. The storm caused “massive damage” to Entergy’s transmission system, the company said. The following table lists peak outages and latest reported figures. For more detailed information, visit the OE’s most recent situation report at:

[http://www.oe.netl.doe.gov/docs/2008\\_SitRep\\_3\\_Gustav\\_90208\\_3pm.pdf](http://www.oe.netl.doe.gov/docs/2008_SitRep_3_Gustav_90208_3pm.pdf)

U.S. Gulf Coast Power Outages			
September 1-2, 2008			
Electric Utility	State	Peak	Latest Reported
Entergy	LA/MS	850,000	826,000
Cleco Power	LA	246,092	246,092
SLEMCO	LA	85,000	85,000
Lafayette Utilities System	LA	28,000	14,000
DEMCO	LA	94,000	94,000
Electric Power Associations	MS	46,332	46,332
Mississippi Power	MS	22,000	5,976
<b>TOTAL*</b>		<b>1,371,424</b>	<b>1,317,400</b>

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

Sources:

<http://www.entergy.com/>

<http://www.demco.org/>

<http://www.cleco.com/site.php?pageID=347>

<http://www.theadvertiser.com/apps/pbcs.dll/article?AID=/20080902/NEWS01/80902035>

<http://www.theadvertiser.com/apps/pbcs.dll/article?AID=/20080902/NEWS01/80902009>

<http://www.theadvertiser.com/apps/pbcs.dll/article?AID=/20080902/NEWS01/80902027>

[http://www.wlox.com/Global/story.asp?S=8934039&nav=menu40\\_2](http://www.wlox.com/Global/story.asp?S=8934039&nav=menu40_2)

<http://uk.reuters.com/article/oilRpt/idUKN0239020020080902>

<http://www.msema.org/documents/gustavupdate2p.m..pdf>

### Hurricane Gustav Shuts in 1.3 Million b/d of Crude Oil Production and 7,062 MMcf/d of Natural Gas Output in Gulf of Mexico—MMS

Hurricane Gustav forced closed the U.S. Gulf of Mexico’s entire crude oil production capacity, and about 95.4 of its natural gas output, according to the Minerals Management Service (MMS). Crude oil, however, slipped below \$106—a five-month low—as early reports suggested Gustav left most energy facilities relatively unharmed. An aerial assessment of the Gulf’s oil and gas platforms and rigs showed no structural damage and no oil spills yesterday, according to the U.S. Coast Guard. Shell said it would return some workers to platforms today.

Bloomberg News, 11:44 September 2, 2008

<http://www.bloomberg.com/apps/news?pid=20601072&sid=a0OhxtFQdsz8&refer=energy>

<http://www.mms.gov/ooc/press/2008/press0902.htm>

## Hurricane Gustav Stalls 14 Oil Refineries and Forces Rate Cuts at 10 Others

The following refineries closed due to Hurricane Gustav, as of latest reports. Total's 232,000 b/d Port Arthur, Texas refinery is in the process of restarting.

<b>U.S. Gulf Coast Refineries</b>		
September 1-2, 2008		
<b>Company</b>	<b>Location</b>	<b>Capacity (b/d)</b>
ExxonMobil	Baton Rouge, Louisiana	503,000
Marathon	Garyville, Louisiana	256,000
ConocoPhillips	Belle Chasse, Louisiana	247,000
ConocoPhillips	Westlake, Louisiana	239,400
Motiva	Norco, Louisiana	236,400
Motiva	Convent, Louisiana	235,000
Total Petrochemicals	Port Arthur, Texas	232,000
Chalmette Refining	Chalmette, LA	192,760
Valero	Norco, Louisiana	185,003
Murphy Oil	Meraux, Louisiana	120,000
Alon (Formerly Valero)	Krotz Springs, Louisiana	80,000
Calcasieu	Lake Charles, Louisiana	78,000
Placid Refining	Port Allen, Louisiana	56,000
Shell	Saint Rose, Louisiana	55,000
<b>TOTAL*</b>		<b>2,715,563</b>

Source: [http://www.oe.netl.doe.gov/docs/2008\\_SitRep\\_3\\_Gustav\\_90208\\_3pm.pdf](http://www.oe.netl.doe.gov/docs/2008_SitRep_3_Gustav_90208_3pm.pdf)

The following refineries remained reduced due to Hurricane Gustav, as of latest reports:

<b>U.S. Gulf Coast Refineries</b>		
September 1-2, 2008		
<b>Company</b>	<b>Location</b>	<b>Capacity (b/d)</b>
ExxonMobil	Baytown, Texas	567,000
BP	Texas City, Texas	467,720
Citgo	Lake Charles, Louisiana	429,500
ExxonMobil	Beaumont, Texas	348,500
Chevron	Pascagoula, Mississippi	330,000
Valero (formerly Premcor)	Port Arthur, Texas	289,000
Motiva	Port Arthur, Texas	285,000
Valero	Texas City, Texas	199,500
Pasadena Refining	Pasadena, Texas	100,000
Valero	Houston, Texas	83,000
<b>TOTAL*</b>		<b>3,099,220</b>

Source: [http://www.oe.netl.doe.gov/docs/2008\\_SitRep\\_3\\_Gustav\\_90208\\_3pm.pdf](http://www.oe.netl.doe.gov/docs/2008_SitRep_3_Gustav_90208_3pm.pdf)

## Companies Shut Multiple Oil Pipelines as Hurricane Gustav Strikes U.S. Gulf Coast

According to the Association for Oil Pipelines, two 1.2 million b/d crude pipelines—the Capline and the Locap—are shut. Colonial Pipeline's main distillate line between Houston and Greensboro resumed service Tuesday morning; it shut for several hours due to a lack of supply. The 2.4 million b/d Colonial pipeline, which supplies the East Coast, is operating at reduced rates. Plantation product pipeline, which supplies the East Coast, is also operating at reduced rates.

[http://www.oe.netl.doe.gov/docs/2008\\_SitRep\\_3\\_Gustav\\_90208\\_3pm.pdf](http://www.oe.netl.doe.gov/docs/2008_SitRep_3_Gustav_90208_3pm.pdf)

## Gustav Shuts, Slows Multiple Natural Gas Pipelines and Facilities

The following table lists U.S. Gulf Coast natural gas pipelines affected by Hurricane Gustav:

Force Majeure/Critical Notice Posting by Natural Gas Pipelines		
August 29-September 2, 2008		
Pipeline Name	Time Stamp	Notice (Status)
ANR Pipeline Co.	9/2/08	Running at reduced level
Chandeleur Pipeline Co.	9/2/08	All operations remain shut-in
Destin Pipeline Co.	9/2/08	Offshore remains shut-in
Discovery Gas Transmission	9/2/08	No power to restart pipeline
Enbridge (UTOS)	8/30/08	All operations shut-in
Garden Banks Gas Pipeline	8/30/08	All operations shut in
High Island Offshore System	8/30/08	All production has been shut-in, resulting in zero flow
Manta Ray Offshore Gathering	8/30/08	All operations shut-in
Mississippi Canyon Pipeline	8/29/08	All operations shut-in
Natural Gas Pipeline Co. of Am.	9/2/08	Two compressor stations shut; systems reduced
Nautilus Pipeline Co.	8/30/08	Neptune plant shut down
Sabine Pipeline	9/2/08	Assessing impacts/conditions of system and Henry Hub
Sea Robin Pipeline Co.	9/2/08	All operations remain shut-in
Southern Natural Gas Co.	9/2/08	Supply loss remains at 960 MMcf
Stingray Pipeline Co.	8/30/08	All operations shut-in
Tennessee Gas Pipeline	9/2/08	Supply loss remains at 1.5 Bcf
Texas Eastern Transmission	9/2/08	Running at reduced level; compressors in area running on backup generators
Texas Gas Transmission	9/1/08	Youngsville compressor station offline
Transcontinental Gas Pipe Line	9/2/08	Emergency Supply Allocation instituted for certain laterals along their system; running at reduced levels
Trunkline Gas Pipeline	9/2/08	Running at reduced level
Venice Gathering System	8/29/08	Venice Plant shutdown; all operations shut-in
Black Marlin Pipeline	8/29/08	Plans to notify customers when nominations can be reinstated

Source: [http://www.oe.netl.doe.gov/docs/2008\\_SitRep\\_3\\_Gustav\\_90208\\_3pm.pdf](http://www.oe.netl.doe.gov/docs/2008_SitRep_3_Gustav_90208_3pm.pdf)

## Gustav Forces Strategic Petroleum Reserve Facilities in Louisiana and Texas to Close August 31

As of 11:00 AM EDT August 31, 2008, the Strategic Petroleum Reserve (SPR) facilities at Bayou Choctaw, LA, West Hackberry, LA, and Big Hill, TX have all been shut down. The SPR facility in Bryan Mound, TX is operational. The U.S. Department of Energy said today that it had not received any requests to release crude from the Strategic Petroleum Reserve.

Reuters, 10:36 September 2, 2008

[http://www.oe.netl.doe.gov/docs/2008\\_SitRep\\_3\\_Gustav\\_90208\\_3pm.pdf](http://www.oe.netl.doe.gov/docs/2008_SitRep_3_Gustav_90208_3pm.pdf)

## Port Arthur and Sabine Channel Reopen as Gustav Passes, but Multiple Ports—Including LOOP—Remain Closed

As of 2:00 PM EDT, September 2, 2008, Port Arthur and Sabine Channel in Texas and Panama City in Florida reopened. The Louisiana Offshore Oil Port (LOOP) suspended onshore and offshore operations, as of 11:00 AM EDT, August 30. The company is assessing damage, according to LOOP personnel. The Port of New Orleans, the Port of Baton Rouge, Port Fourchon, and all other ports in Louisiana, Mississippi, Alabama and the Florida Panhandle remained closed, except Panama City, Florida, as of latest reports. As of this morning, the Houston, Galveston/Texas City, and Freeport Ships Pilots Associations resumed operations along the Houston Ship Channel, Texas City/Galveston, and Freeport.

[http://www.oe.netl.doe.gov/docs/2008\\_SitRep\\_3\\_Gustav\\_90208\\_3pm.pdf](http://www.oe.netl.doe.gov/docs/2008_SitRep_3_Gustav_90208_3pm.pdf)

### **EPA Issues Fuel Waivers in Texas and Louisiana on Gustav**

The Environmental Protection Agency (EPA) issued a fuel waiver on August 29 for the sixteen parishes in Louisiana who have a requirement to use 7.8 Reid Vapor Pressure (RVP) gasoline. The waiver extends until 11:59 pm on September 8, 2008. The EPA issued a fuel waiver September 1 for areas in Texas to use conventional gasoline in lieu of reformulated gasoline (RFG) or 7.8 RVP gasoline. That waiver extends until 11:59 pm on September 10, 2008.

[http://www.oe.netl.doe.gov/docs/2008\\_SitRep\\_3\\_Gustav\\_90208\\_3pm.pdf](http://www.oe.netl.doe.gov/docs/2008_SitRep_3_Gustav_90208_3pm.pdf)

### **Entergy's 1,075 MW Waterford Nuke Unit 3 in Louisiana Shut by September 1**

Entergy shut the unit Sunday night, August 31, expecting heavy winds from Hurricane Gustav. The Nuclear Regulatory Commission reported that on the morning of August 31 the unit was operating at full power. Reuters, 09:27 September 2, 2008

Information also derived from the NRC Power Reactor Status Reports:

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

### **Entergy's 966 MW River Bend Nuke Unit 1 in Louisiana Shut by September 2**

Entergy shut the River Bend reactor as customer outages, caused by Hurricane Gustav, triggered a drop in electricity demand. The Nuclear Regulatory Commission reported that on the morning of September 1 the unit was operating at full power.

Bloomberg News, 07:43 September 2, 2008

Information also derived from the NRC Power Reactor Status Reports:

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

## ***Electricity***

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### **Edison Shuts 1,080 MW San Onofre Nuke Unit 3 in California by September 2**

Edison International shut the unit to repair a back-up diesel generator, a spokesperson said. The Nuclear Regulatory Commission reported that on the morning of September 1 the unit was operating at full power.

Bloomberg News, 13:19 September 2, 2008

Information also derived from the NRC Power Reactor Status Reports:

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

### **Progress Energy's 811 MW Brunswick Nuke Unit 2 in North Carolina Shut by August 31**

The unit shut from full power due to "a mismatch of power between the main generator and the turbine steam pressure line," according to a news source. A spokeswoman said the company is working to restore the unit, but declined to say when it would be back online. The Nuclear Regulatory Commission reported that on the morning of August 30 the unit was operating at full power.

<http://uk.reuters.com/article/oilRpt/idUKN0239107120080902>

Information also derived from the NRC Power Reactor Status Reports:

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

### **City of Vernon's 134 MW Malburg Generating Station Gas-fired Unit in California Shut by August 31**

According to the California Independent System Operator, the unit experienced an unplanned outage on August 31.

<http://www.caiso.com/unitstatus/data/unitstatus200808311515.html>

### **TVA's 1,126 MW Sequoyah Nuke Unit 2 in Tennessee Ramped Up to 18 Percent by September 2**

Tennessee Valley Authority (TVA) shut the unit to fix "two small oil leaks from reactor pumps," a spokesman said. The Nuclear Regulatory Commission reported that on the morning of September 1 the unit was not operating.

Bloomberg News, 09:41 September 2, 2008

Information also derived from the NRC Power Reactor Status Reports:

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

### **Exelon's 1,111 MW La Salle Nuke Unit 2 in Illinois at Full Power by September 1**

The Nuclear Regulatory Commission reported that on the morning of August 31 the unit was operating at 72 percent.

Information derived from the NRC Power Reactor Status Reports:

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

### **Update: Progress Energy's 834 MW Crystal River Nuke Unit 3 in Florida at Full Power by August 31**

The unit shut August 24 due to problems with cooling water flow. The Nuclear Regulatory Commission reported that on the morning of August 30 the unit was operating at 60 percent.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN2940060120080829>

<http://uk.reuters.com/article/oilRpt/idUKN2943555720080829>

Information also derived from the NRC Power Reactor Status Reports:

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

### **Luminant to Restart 593 MW Big Brown Coal-fired Unit 1 in Texas**

The company expected to restart the unit September 1-2 after a trip, according to a filing with state regulators.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=113333>

### **Dynegy's 335 MW El Segundo Gas-fired Unit 4 in California Ramps Up by August 30**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 125 MW by August 29

<http://www.caiso.com/unitstatus/data/unitstatus200808301515.html>

### **Reliant's 246 MW Coolwater Gas-fired Unit 4 in California Ramps Up by August 30**

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 135 MW by August 29

<http://www.caiso.com/unitstatus/data/unitstatus200808301515.html>

### **Reliant's 245 MW Coolwater Gas-fired Unit 3 in California Returns to Service by August 30**

According to the California Independent System Operator, the unit experienced an unplanned outage by August 29.

<http://www.caiso.com/unitstatus/data/unitstatus200808301515.html>

### **Reliant's 215 MW Mandalay Gas-fired Unit 1 in California Returns to Service by August 29**

According to the California Independent System Operator, the unit returned from an unplanned outage by August 29.

<http://www.caiso.com/unitstatus/data/unitstatus200808291515.html>

### **Calpine's 135 MW Gilroy Gas-fired Unit in California Returns to Service by September 1**

According to the California Independent System Operator, the unit returned from an unplanned outage by September 1.

<http://www.caiso.com/unitstatus/data/unitstatus200809011515.html>

### **OPG Shuts 490 MW Nanticoke Coal-fired Unit 6 in Ontario by September 2**

Ontario Power Generation (OPG) halted the unit for short work, a spokesman said. The spokesman did not give a timetable for the unit's return, but traders expected it back online within a week.

Reuters, 10:32 September 2, 2008

### **OPG Shuts 490 MW Nanticoke Coal-fired Unit 7 in Ontario by September 2**

Ontario Power Generation (OPG) shut the unit for short work, a spokesman said. The spokesman did not say when the unit would be back online, but traders predicted it to return to service within a week.

Reuters, 10:32 September 2, 2008

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

Ontario Power Generation (OPG) halted the unit late last week for long-term work, a spokesman said. The spokesman did not say when the unit would be back online, but traders expected the work to take at least a month. Reuters, 10:23 September 2, 2008

### **TransAlta's 406 MW Sundance Coal-fired Unit 4 in Alberta Back Online by September 2**

The unit went offline Friday, August 29.  
Reuters, 09:51 September 2, 2008

### **PSEG Declares "Unusual Event" at 1,210 MW Hope Creek Nuclear Reactor in New Jersey August 28**

Public Service Enterprise Group (PSEG) declared an unusual event due to "internal flooding in excess of sump handling capability," according to a Nuclear Regulatory Commission (NRC) report. The incident lasted less than three hours, and resulted in water flooding of just above an inch. An unusual event indicates a minor or potential problem with no threat to public safety or health.

<http://www.reuters.com/article/rbssIndustryMaterialsUtilitiesNews/idUSN2940304320080829>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2008/20080829en.html>

### **PSEG Fossil Plans 130 MW Peaking Project at New Haven, Connecticut Power Station**

PSEG Fossil finalized a 30-year construct with the Connecticut Department of Public Utility Control to add 130 MW of peaking generation at its existing New Haven, Connecticut power station. The project would involve three dual-fueled units, and enter service June 1, 2012. PSEG Fossil is a subsidiary of the Public Service Enterprise Group.

[http://www.pseg.com/media\\_center/pressreleases/articles/2008/2008-08-29.jsp](http://www.pseg.com/media_center/pressreleases/articles/2008/2008-08-29.jsp)

## ***Petroleum***

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### **Update: Shell Sees Some Progress in Repairs to Attack-Damaged 130,000 b/d Nembe Creek Oil Trunkline in Nigeria**

Shell has made "some progress" on repairs to the Nembe Creek trunkline, but oil production remains reduced and a force majeure on Bonny Light crude exports remains in effect, a Shell spokesman said. Shell slashed Bonny Light exports in July after militants sabotaged and damaged the associated Nembe Creek line. The company did not say previously how much output the incident curtailed, and the spokesman September 2 declined to say how much affected capacity workers had restored. Loading schedules, however, suggested that Bonny Light output—which averages about 400,000 b/d—remained significantly reduced. Bonny Light exports should total about 159,000 b/d in September and 200,000 b/d in October, according to the schedules.

<http://www.reuters.com/article/rbssEnergyNews/idUSL2198120080902>

### **Power Outage Triggers Flaring at CHS Inc.'s 60,000 b/d Laurel, Montana Refinery over Weekend**

It is unclear if the incident impacted production.  
Bloomberg News, 02:49 September 1, 2008

### **Enbridge, BP Plan 250,000 b/d Oil Delivery System from Illinois to Texas**

Enbridge and BP Pipelines plan to develop a system to deliver Canadian heavy crude oil from Flanagan, Illinois to Houston and Texas City, Texas. The project would employ the existing BP #1 System and other already-built pipelines north of Cushing, Oklahoma; it would involve some new pipeline construction south of Cushing. Initial receipts in Illinois would total about 140,000 b/d. The remaining 110,000 b/d would arrive from interconnecting pipelines at Cushing.

<http://cnrp.ccnmatthews.com/client/enbridge/releaseen.jsp?actionFor=894568>

### **BP's 200,000 b/d Plutonio Oilfield Offshore Angola Remains Offline after Mid-August Halt**

The five-field complex shut on technical problems in mid-August, and remained offline yesterday, September 1, a BP spokesman said. There is no timetable for the fields' return to service.

[http://www.rigzone.com/news/article.asp?a\\_id=66106](http://www.rigzone.com/news/article.asp?a_id=66106)

## Petrobras to Begin Pilot Production at 60,000 b/d Jubarte Oilfield Offshore Brazil

Petrobras expects to begin pilot production at a pre-salt deposit in the offshore field today, September 2. Production at the field's pre-salt wells should ramp up to between 10,000-15,000 b/d later September. The rig has an output capacity of 60,000 b/d.

[http://www.rigzone.com/news/article.asp?a\\_id=66119](http://www.rigzone.com/news/article.asp?a_id=66119)

## Natural Gas

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### Williston Basin to Expand Capacity on Existing 138 MMcf/d, 253-mile, Wyoming-to-North Dakota Grasslands Natural Gas Pipeline by 75 MMcf/d

Williston Basin Interstate Pipeline Company plans to expand firm transportation capacity on the pipeline by 75 million cubic feet per day (MMcf/d), to a total of 213 MMcf/d, according to a company release. The company has already conducted a successful open season for the project. The project will involve construction of two new compressor stations and upgrades to an existing compressor station. Pending approvals, the expansion should come online in August 2009. Williston Basin Interstate Pipeline Company is a wholly-owned subsidiary of MDU Resources Group, Inc.

[http://www.mdu.com/information\\_news/news\\_articles/news196.html](http://www.mdu.com/information_news/news_articles/news196.html)

## Other News

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### Florida Governor Declares State of Emergency Ahead of Tropical Storm Hanna

Florida Governor Charlie Crist declared a state of emergency ahead of Tropical Storm Hanna, even as the storm weakened from hurricane to tropical storm status. Hanna could re-strengthen to hurricane status before its expected Friday landfall, according to forecasts. It is expected to advance toward Florida's northeast coast September 5, and then make landfall in South Carolina.

[http://news.yahoo.com/s/ap/20080902/ap\\_on\\_re\\_us/hanna\\_us;\\_ylt=A0wNcw1VeL1ILQEBMges0NUE](http://news.yahoo.com/s/ap/20080902/ap_on_re_us/hanna_us;_ylt=A0wNcw1VeL1ILQEBMges0NUE)

<http://www.bloomberg.com/apps/news?pid=20601087&sid=a2V1KnVulJzc&refer=home>

PRN, 12:03 September 2, 2008

### Tropical Storm Ike Heads for Gulf of Mexico—NHC Expects “Significant Hurricane”

The National Hurricane Center (NHC) predicted Tropical Storm Ike to strengthen to a “significant hurricane,” as the storm churned westward toward the Gulf of Mexico. As of this morning, Ike was about 1,110 miles east of the Leeward Islands, carrying winds of almost 60 miles per hour. It could develop into a Category 1 hurricane in about 36 hours, and strengthen into a Category 2 hurricane within 96 hours, according to the NHC. Some models predicted it to enter the Gulf of Mexico early next week.

[http://www.waltonsun.com/news/hurricane\\_2163\\_article.html/ike\\_gustav.html](http://www.waltonsun.com/news/hurricane_2163_article.html/ike_gustav.html)

Reuters, 11:26 September 2, 2008

## Energy Prices

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U.S. Oil and Gas Prices			
September 2, 2008			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	108.57	115.79	74.16
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	8.24	7.63	5.49
\$/Million Btu			

Source: Reuters

### **Storm Cuts Power to Almost 14,000 Nebraska Public Power Customers in Nebraska September 1**

<http://www.kcautv.com/Global/story.asp?S=8935491&nav=1kg1>

### **NorthWestern Energy, Puget Sound Energy, PacifiCorp and Portland General Electric to Study Possible Upgrades to Existing 500-kV Colstrip Transmission System in Montana**

PRN, 12:00 September 2, 2008

### **No. 2 Tail Gas Unit Trips Offline at Valero's 142,000 b/d Corpus Christi, Texas Refinery**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=113325>

### **DOE Examines CO2 Movement below Mississippi Oilfield in Research to Further Safe, Underground CO2 Storage**

[http://www.postchronicle.com/news/science/article\\_212168171.shtml](http://www.postchronicle.com/news/science/article_212168171.shtml)

### **NuStar Plans 12.5-mile Oil Pipeline Segment in Kansas by May 2009, to Improve Throughput along Existing East Pipeline System**

[http://www.downstreamtoday.com/News/Articles/200808/NuStar\\_Fast\\_tracks\\_Midwest\\_Pipeline\\_Expn\\_12561.aspx](http://www.downstreamtoday.com/News/Articles/200808/NuStar_Fast_tracks_Midwest_Pipeline_Expn_12561.aspx)

### **Update: Jordan Cove Energy Project Receives Favorable FERC Draft Environmental Review for Proposed LNG Terminal in Oregon**

<http://intelligencepress.com/>

### **Equipment Failure at Eustace Gas Plant in Texas September 1**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=113336>

### **Power "Glitch" Triggers Flaring at Andrews Booster Station in Texas August 31**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=113323>

### **OPEC Production Rises for Fourth Straight Month in August, from 32.59 Million b/d in July to 32.82 Million b/d**

[http://www.rigzone.com/news/article.asp?a\\_id=66122](http://www.rigzone.com/news/article.asp?a_id=66122)

### **Iraq, China Sign 20-Year Deal to Develop Ahdab Oilfield Southeast of Baghdad—Signing is Iraq's First Major Foreign Oil Deal since 2003 Invasion**

[http://seattletimes.nwsources.com/html/nationworld/2008145830\\_oil29.html](http://seattletimes.nwsources.com/html/nationworld/2008145830_oil29.html)

### **Gazprom Estimates Recoverable Reserves of 170 Million-200 Million Metric Tons at Ayacucho 3 Block in Venezuela's Orinoco Belt**

<http://www.platts.com/Oil/News/8996545.xml?p=Oil/News&sub=Oil>

### **Suncor Energy Reports Unscheduled Shutdown of Hydrogen Plant—Total Canadian Production Remained Unaffected, but Proportion of Sweet Crude Products Was Lower Than Planned in August**

[http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=ind\\_focus\\_story&STORY=/www/story/09-02-2008/0004876548&EDATE=TUE+Sep+02+2008,+07:50+AM](http://www.prnewswire.com/cgi-bin/stories.pl?ACCT=ind_focus_story&STORY=/www/story/09-02-2008/0004876548&EDATE=TUE+Sep+02+2008,+07:50+AM)

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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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