

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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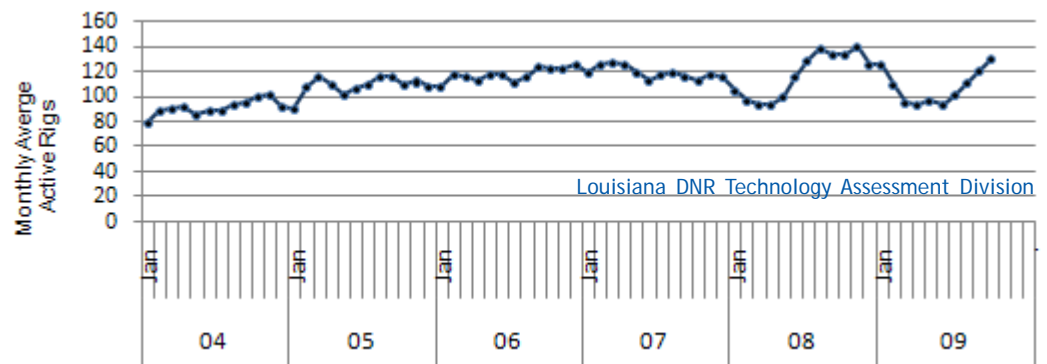
## Highlights NOVEMBER 2009

Louisiana natural gas prices at the Henry Hub continue to rise. The price was \$4.72 per MMBTU on October 26, 2009. The October 2009 average gas price of \$3.77 per MMBTU was 36% higher than the previous month, but was still 45% lower than the October 2008 price of \$6.75 per MMBTU. The price is rising despite the high inventory in storage. *Natural Gas Week (NGW)* reported that many analysts believe that the gas in storage has been factored into market expectations and that prices are now being driven by the changing economy and weather. *NGW* is forecasting that the price for the fourth quarter of 2009 is going to be \$4.39 per MMBTU.

### Louisiana Average Active Rigs in Areas Under State Jurisdiction\*\*

Month	(Monthly Average Active Rigs)						% Change	
	2004	2005	2006	2007	2008	2009	07/08	08/09
January	79	90	108	119	105	126		20.10%
February	88	107	118	126 <sup>2</sup>	88 <sup>2</sup>	110		24.72%
March	90	115	116	126 <sup>2</sup>	90 <sup>2</sup>	95		5.28%
April	91	109	112	125 <sup>2</sup>	91 <sup>2</sup>	93		1.92%
May	86	102	118	118	99	96		-3.03%
June	88	106	118	112	117	94		-19.74%
July	88	109	111	118	129	101		-21.86%
August	93	115	115	119	138	111		-20.04%
September	95	115	124	115	133	120		-9.94%
October	100	109	122	112	134	131		-2.90%
November	101	112	123	117	140		19.40%	
December	92	108	126	115	126		9.57%	
<b>Year Average</b>	<b>91</b>	<b>108</b>	<b>118</b>	<b>118<sup>2</sup></b>	<b>116<sup>2</sup></b>	<b>107<sup>**</sup></b>		

\*\* Partial Year



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAY 09	APR 09	MAR 09	MAY 08
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate <sup>C</sup> (MMB)	25 <sup>1</sup>	26 <sup>1</sup>	27 <sup>1</sup>	36 <sup>1</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	116 <sup>1</sup>	119 <sup>1</sup>	124 <sup>1</sup>	154 <sup>1</sup>
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	164	157	163	158 <sup>2</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,787	1,746	1,811 <sup>2</sup>	1,734 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	277	282	292	299
U.S. Natural Gas <sup>C</sup> (BCF)	305	312	324	296 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	723	775	867	1,478
U.S. Oil <sup>A</sup>	187	209	225	375
U.S. Offshore <sup>A</sup>	54	48	46	68
U.S. Total <sup>A</sup>	918	995	1,105	1,863
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	55.83	48.67	45.75	118.23 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	55.43	47.62	44.34	115.02 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	52.69	45.22	42.46	118.55
Gulf OCS Wellhead Average <sup>C</sup>	50.57	46.32	44.36	114.81
State Severance Wellhead Average <sup>E</sup>	46.72	34.55	39.06	102.10
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	5.07	5.70	6.86	11.05 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	3.49	3.67	4.35	10.80
U.S. Wellhead Average <sup>C</sup>	3.45	3.43	3.72	9.81
State Royalty Wellhead Average	3.71	6.51	4.25	12.34 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.32	3.63	4.06	11.28

### Key

<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet
<b>2</b>	Revised	<b>MMB</b>	Million Barrels
<b>BCF</b>	Billion Cubic Feet	<b>NA</b>	Not Available
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf
<b>FO.B.</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units

### Data Sources

<b>A</b>	Oil & Gas Journal	<b>D</b>	Natural Gas Week
<b>B</b>	Wall Street Journal	<b>E</b>	LA Dept of Revenue
<b>C</b>	U. S. Dept. of Energy		

**Note:** Unless otherwise specified, data is from the Louisiana Department of Natural Resources and excludes Federal OCS.

### Note from the Editors

*Louisiana Energy Facts* is published monthly by the Louisiana Department of Natural Resources, Technology Assessment Division as a public service to individuals interested in Louisiana energy activities. Content includes recent oil, gas and other energy statistics and a brief analysis of current trends.

*Louisiana Energy Facts* articles provide insight and information on subjects of special interest to our readers, and may announce relevant, forthcoming publications.

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## Louisiana Estimated Crude Oil Imports and Exports (Barrels)

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
1989	167,202,571	651,198,742	818,401,313	429,406,577
1990	294,094,671	834,189,106	1,128,283,777	752,551,218
1991	187,915,979	674,005,459	861,921,438	473,824,717
1992	158,361,091	692,524,108	850,885,199	469,615,507
1993	144,077,100	715,722,168	859,799,268	492,922,559
1994	190,310,250	691,495,161	881,805,411	506,060,502
1995	144,250,902	733,156,547	877,407,449	477,054,280
1996	154,720,304	791,181,725	945,902,027	533,052,305
1997	146,741,590	783,595,396	930,336,986	536,338,306
1998	137,695,483	797,792,440	935,487,923	537,711,242
1999	145,884,207	825,714,387	971,598,594	539,440,653
2000	157,483,978	794,652,031	952,136,009	568,406,926
2001	140,926,202	824,180,124	965,106,326	703,319,850
2002	150,358,173	693,057,439	843,415,612	618,283,678
2003	191,660,152	879,937,921	1,071,598,073	651,542,085
2004	235,860,964	1,096,071,025	1,331,931,989	780,965,917
2005	157,001,235	850,125,218	1,007,126,453	494,032,441
2006	178,801,461	823,410,311	1,002,211,772	557,047,242
2007	174,554,670	816,896,435	991,451,105	481,788,044
2008	168,676,616	767,866,606	936,543,222	454,049,470

## Louisiana Estimated Natural Gas Imports and Exports (MCF)

Louisiana DNR Technology Assessment Division

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
1989	589,680,148	0	589,680,148	4,127,367,526
1990	771,083,558	1,217,065	772,300,623	4,845,135,424
1991	1,121,020,621	n/a	1,121,020,621	4,702,890,863
1992	1,223,664,865	n/a	1,223,664,865	4,527,272,744
1993	1,226,192,071	558,800	1,226,750,871	4,593,742,024
1994	1,221,821,839	n/a	1,221,821,839	4,872,981,031
1995	1,462,995,886	n/a	1,462,995,886	4,651,404,764
1996	1,579,977,000	n/a	1,579,977,000	5,399,393,372
1997	1,371,278,339	n/a	1,371,278,339	5,131,283,334
1998	1,153,978,580	n/a	1,153,978,580	5,183,436,594
1999	1,009,655,437	n/a	1,009,655,437	4,439,709,229
2000	1,112,790,171	n/a	1,112,790,171	4,352,108,151
2001	960,897,346	21,216,546	982,113,892	4,194,465,094
2002	1,290,858,071	n/a	1,290,858,071	4,184,377,435
2003	1,495,060,203	29,931,334	1,524,991,537	5,219,716,623
2004	1,373,686,290	153,699,903	1,527,386,193	5,022,037,236
2005	1,425,160,508	9,423,438	1,434,583,946	3,443,758,247
2006	1,495,315,465	n/a	1,495,315,465	3,333,525,104
2007	1,799,629,628	n/a	1,799,629,628	3,816,135,033
2008	2,416,167,816	9,306,010	2,425,473,826	3,819,274,045

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## Quick Facts

## NOVEMBER 2009

Louisiana DNR Technology Assessment Division

### SPOT MARKET PRICES

	Oct 09	Sep 09	Oct 08
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	3.77	2.78	6.85
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBTU)	3.73	2.84	7.47
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	76.43	70.18	78.78

### BAKER HUGHES RIG COUNTS

	Sep 09	Aug 09	Sep 08
North Louisiana <sup>A</sup>	96	89	85
South Louisiana Inland Waters <sup>A</sup>	6	7	19
South Louisiana Inland <sup>A</sup>	17	14	26
Louisiana State Offshore	1	1	3
Louisiana Federal OCS Offshore	26	24	52
Total Louisiana <sup>A</sup> (OCS included)	146	135	185

### PRODUCTION (State Jurisdiction Only)

	Sep 09	Aug 09	Sep 08
Louisiana Crude Oil & Condensate (MMB)	5.4	5.6	6.4 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	112.3	112.7	87.0 <sup>2</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	Sep 09	Aug 09	Sep 08
Total Louisiana Oil and Gas	93	105	216
Louisiana Wildcats	2	4	7
Louisiana Offshore (Wildcats included)	1	1	2