

# LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources  
Technology Assessment Division

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## Highlights

JULY 2007

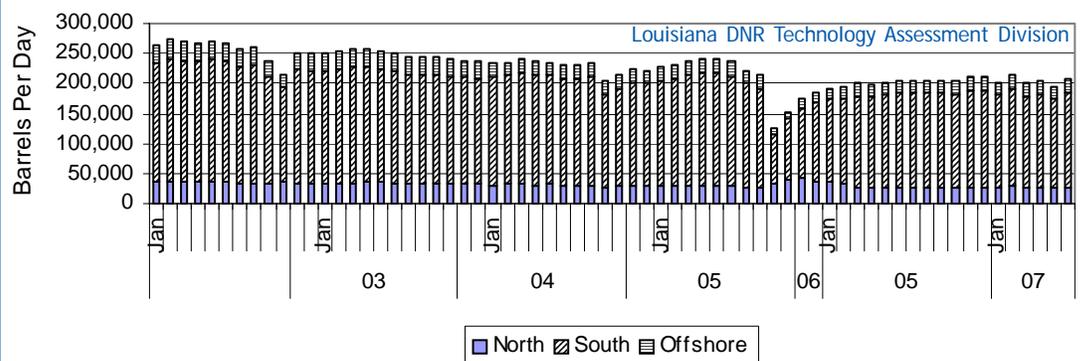
Natural gas spot market prices are dropping as inventory continues to swell. On June 1, 2007, the price was \$7.37 per MMBTU and, on July 2, 2007, the price was 17.9% lower at \$6.25 per MMBTU. The decline can be attributed to lower demand than last year due to milder weather; projected increased production from onshore shale and other unconventional sources; the start-up of the Independence Hub in the Gulf of Mexico (expected to increase production in the region up to 1 billion cubic feet per day); and increased LNG imports. Prices for natural gas are expected to stay above \$5.00 per MMBTU. Uneasiness caused by the prediction of an active hurricane season, a decline in Canadian production, and the base cost of imported LNG will keep the price up.

## Louisiana Crude Oil & Condensate Production\*\*, Excluding Federal OCS

Month	(Barrels/Day)						% Change	
	2002	2003	2004	2005	2006	2007	05/06	06/07
January	265,185 <sup>2</sup>	249,840 <sup>2</sup>	233,632	227,002 <sup>2</sup>	191,191 <sup>2</sup>	199,755		4.48%
February	272,875 <sup>2</sup>	255,112 <sup>2</sup>	235,607 <sup>2</sup>	232,017 <sup>2</sup>	194,063 <sup>2</sup>	214,826		10.70%
March	269,611	256,525 <sup>2</sup>	240,406	238,272 <sup>2</sup>	199,550 <sup>2</sup>	200,592		0.52%
April	266,451	258,504 <sup>2</sup>	236,065 <sup>2</sup>	241,150 <sup>2</sup>	198,835 <sup>2</sup>	204,620		2.91%
May	270,270 <sup>2</sup>	254,300 <sup>2</sup>	235,448	240,412 <sup>2</sup>	200,899 <sup>2</sup>	193,919		-3.47%
June	267,157	250,804 <sup>2</sup>	230,497	236,177 <sup>2</sup>	204,949 <sup>2</sup>	206,149		0.59%
July	258,099 <sup>2</sup>	243,801 <sup>2</sup>	231,724	222,439 <sup>2</sup>	205,684 <sup>2</sup>		-7.53%	
August	259,541	244,325 <sup>2</sup>	233,006 <sup>2</sup>	214,388 <sup>2</sup>	205,249 <sup>2</sup>		-4.26%	
September	237,280 <sup>2</sup>	244,728 <sup>2</sup>	203,870	126,716 <sup>2</sup>	204,408 <sup>2</sup>		61.31%	
October	214,086 <sup>2</sup>	239,652 <sup>2</sup>	215,554 <sup>2</sup>	153,161 <sup>2</sup>	203,828 <sup>2</sup>		33.08%	
November	250,803 <sup>2</sup>	238,598 <sup>2</sup>	224,953 <sup>2</sup>	174,078 <sup>2</sup>	209,814 <sup>2</sup>		20.53%	
December	249,765 <sup>2</sup>	236,810 <sup>2</sup>	222,396 <sup>2</sup>	184,762 <sup>2</sup>	209,790 <sup>2</sup>		13.55%	
<b>Year Average</b>	<b>256,760<sup>2</sup></b>	<b>247,750<sup>2</sup></b>	<b>228,597<sup>2</sup></b>	<b>207,548<sup>2</sup></b>	<b>202,355<sup>2</sup></b>	<b>203,310<sup>*</sup></b>		

\* Partial Year

\*\* Note: Columns were changed due to data significant figures



## Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	JAN 07	DEC 06	NOV 06	JAN 06
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate <sup>C</sup> (MMB)	34 <sup>1</sup>	32 <sup>1</sup>	35 <sup>1</sup>	32 <sup>1</sup>
Natural Gas & Casinghead <sup>C</sup> (BCF)	155 <sup>1</sup>	147 <sup>1</sup>	157 <sup>1</sup>	166 <sup>1</sup>
THE UNITED STATES TOTAL				
Crude Oil & Condensate <sup>C</sup> (MMB)	161	164	154	156
Natural Gas & Casinghead <sup>C</sup> (BCF)	1,585	1,572	1,530	1,557 <sup>2</sup>
<b>IMPORTS</b>				
U.S. Crude Oil <sup>C</sup> (MMB)	316	297	295	301
U.S. Natural Gas <sup>C</sup> (BCF)	382	383	339	361 <sup>2</sup>
<b>BAKER HUGHES RIG COUNTS</b>				
U.S. Gas <sup>A</sup>	1,440	1,431	1,414	1,228
U.S. Oil <sup>A</sup>	270	281	288	242
U.S. Offshore <sup>A</sup>	84	84	87	77
U.S. Total <sup>A</sup>	1,714	1,718	1,706	1,466
<b>PRICES</b>				
CRUDE OIL (\$/barrel)				
OPEC Average <sup>C</sup> (F.O.B.)	50.95	54.30	53.08	56.15 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	48.10	52.84	51.52	53.96 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	49.32	55.03	52.42	57.85 <sup>2</sup>
Gulf OCS Wellhead Average <sup>C</sup>	52.98	56.19	53.71	56.91
State Severance Wellhead Average <sup>E</sup>	58.55	57.35	63.37	58.61
NATURAL GAS (\$/MCF)				
U.S. City Gates Average <sup>C</sup>	7.85	8.66	8.39	10.75 <sup>2</sup>
U.S. Imports Average <sup>C</sup> (F.O.B.)	6.29	7.60	7.24	10.11 <sup>2</sup>
U.S. Wellhead Average <sup>C</sup>	5.92	6.65	6.43	8.66
State Royalty Wellhead Average	6.40	7.35 <sup>2</sup>	7.59 <sup>2</sup>	10.92 <sup>2</sup>
NYMEX Henry Hub End of the Month Settle Gas Price <sup>B</sup> (\$/MMBTU)	5.84	8.32	7.15	11.43

Key				Data Sources	
<b>1</b>	Estimated	<b>MCF</b>	Thousand Cubic Feet	<b>A</b>	Oil & Gas Journal
<b>2</b>	Revised	<b>MMB</b>	Million Barrels	<b>D</b>	Natural Gas Week
<b>BCF</b>	Billion Cubic Feet	<b>NA</b>	Not Available	<b>B</b>	Wall Street Journal
<b>BTU</b>	British Thermal Unit	<b>OCS</b>	Outer Continental Shelf	<b>C</b>	U. S. Dept. of Energy
<b>F.O.B.</b>	Free on Board	<b>MMBTU</b>	Million British Thermal Units	<b>Note:</b> 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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## 2006 Louisiana State Producing Oil Wells by Production Rate, OCS Wells Excluded

Louisiana DNR Technology Assessment Division

<u>PRODUCTION BRACKET</u>	<u>NUMBER OF WELLS</u>		<u>TOTAL ANNUAL PRODUCTION</u>	
<u>BARRELS/DAY</u>	<u>WELLS</u>	<u>% TOTAL WELLS</u>	<u>BARRELS/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal 10	21,900	85.97%	11,426,894	13.87%
Between 10 - 15	811	3.18%	3,800,370	4.61%
Between 15 - 20	592	2.32%	3,911,746	4.75%
Between 20 - 30	632	2.48%	5,766,051	7.00%
Between 30 - 40	362	1.42%	4,645,620	5.64%
Between 40 - 50	227	0.89%	3,795,096	4.61%
Between 50 - 75	322	1.26%	7,676,323	9.32%
Between 75 - 100	204	0.80%	6,643,595	8.07%
Between 100 - 150	183	0.72%	8,423,585	10.23%
Between 150 - 200	110	0.43%	7,517,384	9.13%
Between 200 - 300	69	0.27%	6,644,124	8.07%
Between 300 - 500	38	0.15%	5,528,249	6.71%
Between 500 - 1,000	20	0.08%	4,814,522	5.85%
Between 1,000 - 2,000	4	0.02%	1,774,967	2.15%
Between 2,000 - 5,000	0	0.00%	0	0.00%
Over 5000	0	0.00%	0	0.00%

## 2006 Louisiana State Producing Gas Wells by Production Rate, OCS Wells Excluded

Louisiana DNR Technology Assessment Division

<u>PRODUCTION BRACKET</u>	<u>NUMBER OF WELLS</u>		<u>TOTAL ANNUAL PRODUCTION</u>	
<u>MCF/DAY</u>	<u>WELLS</u>	<u>% TOTAL WELLS</u>	<u>MCF/YEAR</u>	<u>% TOTAL PRODUCTION</u>
Less than or equal 50	14,760	66.03%	38,263,307	2.33%
Between 50 - 60	478	2.14%	10,209,864	0.62%
Between 60 - 70	386	1.73%	9,654,810	0.59%
Between 70 - 80	338	1.51%	9,472,279	0.58%
Between 80 - 90	284	1.27%	9,134,913	0.56%
Between 90 - 100	266	1.19%	9,273,807	0.56%
Between 100 - 250	2,452	10.97%	149,654,141	9.11%
Between 250 - 400	1,106	4.95%	130,858,741	7.97%
Between 400 - 800	1,309	5.86%	266,441,360	16.23%
Between 800 - 1,600	528	2.36%	226,153,288	13.77%
Between 1,600 - 3,200	246	1.10%	212,209,274	12.92%
Between 3,200 - 6,400	113	0.51%	203,850,575	12.41%
Between 6,400 - 12,800	71	0.32%	216,373,912	13.18%
Between 12,800 - 25,600	12	0.05%	82,026,055	5.00%
Over 25,600	4	0.02%	68,519,301	4.17%

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## Quick Facts

## JULY 2007

Louisiana DNR Technology Assessment Division

### SPOT MARKET PRICES

	Jun 07	May 07	Jun 06
Louisiana Natural Gas <sup>D</sup> (\$/MMBTU)	7.51	7.59 <sup>2</sup>	6.19
NYMEX Henry Hub Last Settle Gas Price <sup>B</sup> (\$/MMBT)	7.59	7.51	5.98 <sup>2</sup>
Louisiana Sweet Crude - St. James <sup>B</sup> (\$/Barrel)	73.20	69.09 <sup>2</sup>	71.84

### BAKER HUGHES RIG COUNTS

	May 07	Apr 07	May 06
North Louisiana <sup>A</sup>	58	60	59
South Louisiana Inland Waters <sup>A</sup>	26	28	19
South Louisiana Inland <sup>A</sup>	32	36	38
Louisiana State Offshore	3	2	2
Louisiana Federal OCS Offshore	61	63	79
Total Louisiana <sup>A</sup> (OCS included)	180	188	196

### PRODUCTION (State Jurisdiction Only)

	May 07	Apr 07	May 06
Louisiana Crude Oil & Condensate (MMB)	6.0	6.1	6.2 <sup>2</sup>
Louisiana Natural Gas & Casinghead (BCF)	113.0	111.6	116.1 <sup>2</sup>

### DRILLING PERMITS (State Jurisdiction Only)

	May 07	Apr 07	May 06
Total Louisiana Oil and Gas	232	157	189
Louisiana Wildcats	7	7	9
Louisiana Offshore (Wildcats included)	2	2	2