

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

www.dnr.louisiana.gov/tad

INSIDE

Highlights
page 1

Louisiana Average Active Rigs in Areas Under State Jurisdiction
page 1

Current Oil & Gas Data
page 2

Correction: May Feature Article
page 2

Louisiana Estimated Dry Natural Gas Proved Reserves
page 3

Louisiana Estimated Natural Gas Liquids Proved Reserves
page 3

Quick Facts
page 4

Featured Article
[The Transmission System - Electricity's Highway](#)



Department of Natural Resources
Scott A. Angelle, Secretary

Technology Assessment Division
T. Michael French, Director
Manuel Lam, Senior Analyst

617 North Third Street
Baton Rouge, LA
70804-4156
Tel. (225) 342-1270
Fax. (225) 242-1397
Email: techasmt@la.gov
www.dnr.louisiana.gov/tad

Highlights

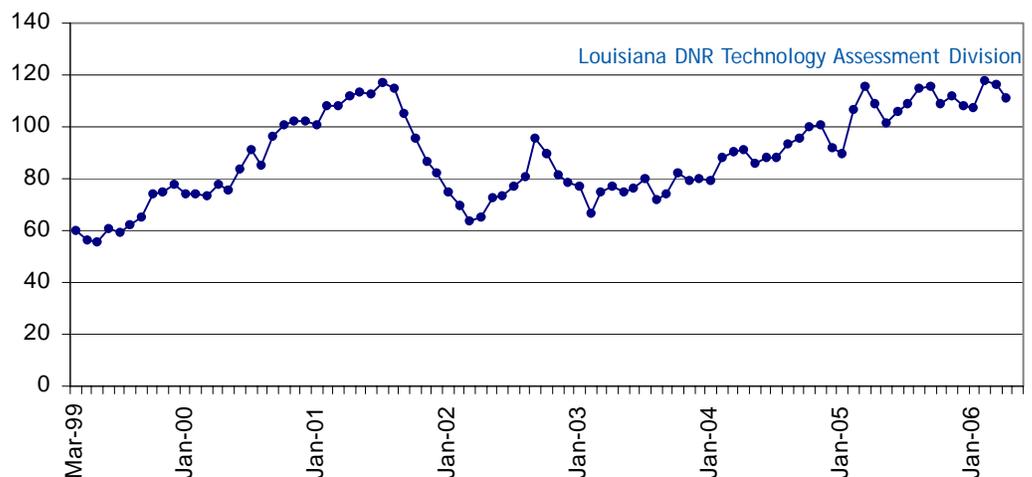
JUNE 2006

Gas futures prices are falling. The June 2006 NYMEX gas future contract closed at \$5.925 per MMBTU, lower than June 2005 which closed at \$6.123 per MMBTU, and June 2004 which closed at \$6.680 per MMBTU. The price decline is attributed to the build up in storage levels to 70% of the 3.3 TCF winter target with more than two-thirds of the injection season still to come. Demand for gas during the summer months will be low, as long as electric generation does not supplant the coal fired generation with gas. Gas prices are expected to be above \$5 per MMTBU because, if the price falls below that mark, it would shift US LNG imports volume to other markets and bleed off the current domestic gas surplus.

Louisiana Average Active Rigs in Areas Under State Jurisdiction

Month							% Change	
	2001	2002	2003	2004	2005	2006	04/05	04/06
January	101	75	77	79	90	108		20.06%
February	109	70	67	88	107	118		10.28%
March	108	63	75	90	90 ²	116		28.89%
April	112	65	77	91	109	111		2.06%
May	113	72	75	86	102		18.31%	
June	112	74	76	88	106		20.45%	
July	117	77	80	88	109		23.64%	
August	115	81	72	93	115		23.66%	
September	105	96	74	95	115		20.94%	
October	96	90	82	100	109		8.90%	
November	87	82	79	101	112		10.64%	
December	82	78	80	92	108		17.17%	
Year Average	105	77	76	91	106	113*		

* Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	DEC 05	NOV 05	OCT 05	DEC 04
LOUISIANA FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^C (MMB)	25 ¹	23 ¹	18 ¹	40 ²
Natural Gas & Casinghead ^C (BCF)	120 ¹	113 ¹	83 ¹	211 ²
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	154	142	132	168 ²
Natural Gas & Casinghead ^C (BCF)	1,537	1,470 ²	1,432 ²	1,571 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	310	308	291	313 ²
U.S. Natural Gas ^C (BCF)	410	359 ²	366 ²	413 ²
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	1,220	1,228	1,257	1,046
U.S. Oil ^A	247	253	217	180
U.S. Offshore ^A	77	84	87	106
U.S. Total ^A	1,470	1,486	1,479	1,246
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	52.63	50.88	54.61	32.52 ²
U.S. Imports Average ^C (F.O.B.)	50.28	48.82 ²	52.69	31.67 ²
U.S. Wellhead Average ^C	53.22	53.18	56.97	38.22 ²
Gulf OCS Wellhead Average ^C	53.90	55.41	58.10	42.13 ²
State Severance Wellhead Average ^E	62.57	60.50	65.12	48.32
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	10.75	11.48	12.17	7.51
U.S. Imports Average ^C (F.O.B.)	11.03	11.31 ²	11.98 ²	6.96 ²
U.S. Wellhead Average ^C	10.02	9.54	10.97	6.25
State Royalty Wellhead Average	12.28	11.64 ²	14.88 ²	7.70 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	11.18	13.83 ²	13.91	7.98

Key

1	Estimated	MCF	Thousand Cubic Feet
2	Revised	MMB	Million Barrels
BCF	Billion Cubic Feet	N/A	Not Available
BTU	British Thermal Unit	OCS	Outer Continental Shelf
F.O.B.	Free on Board		

Data Sources

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

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

Correction: May Feature article, *Geothermal Resources in Louisiana*, Page 1, Paragraph 2, Line 6, change "160°F" to "150°C."

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.

These documents are available on the Louisiana Department of Natural Resources, Technology Assessment Division home page: <http://www.dnr.louisiana.gov/tad>. From the menu, select **Energy Data & Reports**; choose **Louisiana Energy Facts Newsletter**. Our current online holdings include issues dating from 1998 through the present. If the issue you are seeking is unavailable, please contact us.

To request a subscription or update your mailing address, contact us with your information. Please specify print or electronic subscription. **We value your feedback.** Please send your comments and suggestions for improving and enhancing the newsletter to: techasmt@la.gov.

Louisiana Estimated Dry Natural Gas Proved Reserves^c

As of December 31st of Each Year
(Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)
Louisiana DNR Technology Assessment Division

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1988	2,398	8,654	1,172	23,471 *	35,695 *	168,024
1989	2,652	8,645	1,219	24,187 *	36,703 *	167,116
1990	2,588	8,171	969	22,679 *	34,407 *	169,346
1991	2,384	7,504	1,024	21,611 *	32,523 *	167,062
1992	2,311	6,693	776	19,653 *	29,433 *	165,015
1993	2,325	5,932	917	19,383 *	28,557 *	162,415
1994	2,537	6,251	960	20,835 *	30,583 *	163,837
1995	2,788	5,648	838	21,392 *	30,666 *	165,146
1996	3,105	5,704	734	21,856 *	31,399 *	166,474
1997	3,093	5,855	725	21,934 *	31,607 *	167,223
1998	2,898	5,698	551	20,774 *	29,921 *	164,041
1999	3,079	5,535	628	19,598 *	28,840 *	167,406
2000	3,298	5,245	696	19,788 *	29,027 *	177,427
2001	3,881	5,185	745	19,721 *	29,532 *	183,460
2002	4,245	4,224	491	18,500 *	27,460 *	186,946
2003	5,074	3,746	506	16,728 *	26,054 *	189,044
2004	5,770	3,436	382	14,685 *	24,273 *	192,513

* Includes Federal Offshore Alabama

Louisiana Estimated Natural Gas Liquids Proved Reserves^c, Excluding Lease Condensate

As of December 31st of Each Year
(Million Barrels)
Louisiana DNR Technology Assessment Division

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
1988	39	228	27	289	583	5,460
1989	40	215	39	297	591	4,991
1990	38	249	37	261	585	4,982
1991	38	242	41	292	613	4,978
1992	41	229	47	246	563	4,999
1993	38	201	21	255	515	4,838
1994	48	214	19	267	548	4,876
1995	55	359	16	191	621	5,005
1996	61	284	36	199	580	5,209
1997	50	199	12	352	613	5,291
1998	34	187	13	341	575	4,852
1999	36	230	19	398	681	5,316
2000	39	207	21	315	582	7,012
2001	35	128	41	273	477	6,595
2002	30	119	37	346	532	6,648
2003	48	100	35	235	418	6,244
2004	55 ¹	59 ¹	25 ¹	340 ¹	478 ¹	6,586 ¹

This issue of *Louisiana Energy Facts* is funded 100% (\$967.52) with Petroleum Violation Escrow funds as part of the State Energy Program as approved by the U.S. Department of Energy and Department of Natural Resources. This public document was published at a total cost of \$967.52. 1,000 copies of this public document were published in this first printing at a total cost of \$967.52. The total cost of all printing of this document, including reprints, is \$967.52. This document was published by the Department of Natural Resources, P.O. Box 44156, Baton Rouge, LA 70804-4156 to promulgate the State Energy Program developed under authority of P.L. 94-163. This material was printed in accordance with the standards for printing by State agencies established pursuant to R.S. 43.31.



LOUISIANA DEPARTMENT OF NATURAL RESOURCES
Technology Assessment Division
 P. O. Box 44156
 Baton Rouge, LA 70804-4156

PRST STD
 U.S. POSTAGE
PAID
 BATON ROUGE, LA
 PERMIT NO. 936

ADDRESS SERVICE REQUESTED

INSIDE

Highlights
 page 1

Louisiana Average Active Rigs in Areas Under State Jurisdiction
 page 1

Current Oil & Gas Data
 page 2

Correction: May Feature Article
 page 2

Louisiana Estimated Dry Natural Gas Proved Reserves
 page 3

Louisiana Estimated Natural Gas Liquids Proved Reserves
 page 3

Quick Facts
 page 4

Featured Article
 The Transmission System - Electricity's Highway

Quick Facts

JUNE 2006

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	May 06	Apr 06	May 05
Louisiana Natural Gas ^D (\$/MMBTU)	6.46	7.05	6.55
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	7.20	7.23	6.75
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	72.52	71.43	50.42

BAKER HUGHES RIG COUNTS

	Apr 06	Mar 06	Apr 05
North Louisiana ^A	56	57	45
South Louisiana Inland Waters ^A	19	20	27
South Louisiana Inland ^A	35	35	32
Louisiana State Offshore	2	4	5
Louisiana Federal OCS Offshore	75	65	70
Total Louisiana ^A (OCS included)	187	181	179

PRODUCTION (State Jurisdiction Only)

	Apr 06	Mar 06	Apr 05
Louisiana Crude Oil & Condensate (MMB)	5.7 ¹	5.7 ¹	7.2 ²
Louisiana Natural Gas & Casinghead (BCF)	90.6 ¹	88.6 ¹	112.5 ²

DRILLING PERMITS (State Jurisdiction Only)

	Apr 06	Mar 06	Apr 05
Total Louisiana Oil and Gas	171	210	114
Louisiana Wildcats	5	1	9
Louisiana Offshore (Wildcats included)	11	1	5