

LOUISIANA ENERGY FACTS

Louisiana Department of Natural Resources
Technology Assessment Division

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Production and
Price Projections](#)



Department of Natural
Resources

Thomas Harris, Secretary

Technology Assessment
Division

Paul Miller, Director
Manuel Lam, Senior Analyst

617 North Third Street
Baton Rouge, LA 70802

Tel. (225) 342-1270
Fax. (225) 242-1397
Email: techasmt@la.gov
www.dnr.louisiana.gov/tad

Highlights

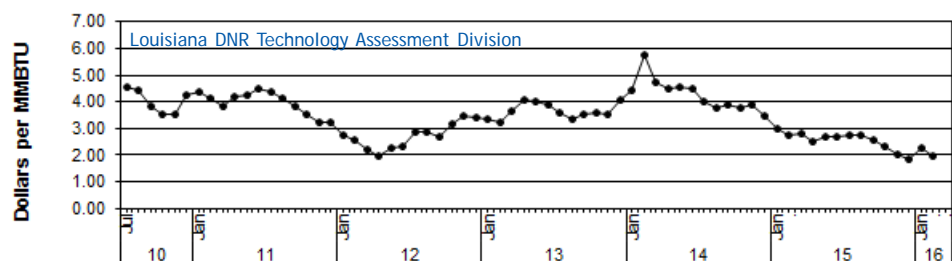
MARCH 2016

The first cargo of U.S. liquefied natural gas (LNG) exported from the lower 48 states departed from Cheniere Energy's Sabine Pass terminal in Louisiana on February 24, 2016, headed to Brazil on the Asia Vision LNG tanker. It is expected to be received by Petrobras (Petroleo Brazil), as reported by Bloomberg. Exporting LNG from the U.S., particularly from the Gulf Coast, is a net positive for both the U.S. and Louisiana. Liquefiers can take advantage of the ample resources in Louisiana. They can transport Louisiana natural gas to the new liquefaction plants in Southwestern Louisiana and receive economic benefits from the expansion of LNG exports without disruption in the domestic natural gas market. Increasing LNG exports will also be a job creator for Louisiana since they are creating construction, operation, and production jobs needed to fulfill the global demand for LNG.

Louisiana Natural Gas Average Spot Prices

Month	Dollars per MMBTU						% Change	
	2011	2012	2013	2014	2015	2016	14/15	15/16
January	4.35	2.74	3.32	4.43	3.01	2.26	-32.00%	-24.84%
February	4.11	2.55	3.24	5.73	2.74	1.95	-52.25%	-28.72%
March	3.85	2.20	3.64	4.76	2.80		-41.11%	
April	4.16	1.96	4.08	4.51	2.53		-43.98%	
May	4.24	2.30	4.02	4.54	2.69		-40.74%	
June	4.48	2.34	3.89	4.51	2.70		-40.09%	
July	4.34	2.84	3.61	4.01	2.76		-31.26%	
August	4.13	2.85	3.35	3.79	2.75 ²		-27.37%	
September	3.85	2.70	3.54	3.87	2.58 ²		-33.33%	
October	3.54	3.16	3.60	3.78	2.35		-37.96%	
November	3.21	3.46	3.51	3.88	2.01		-48.08%	
December	3.20	3.39	4.05	3.47	1.85		-46.61%	
Year Average	3.96	2.71	3.65	4.27	2.56	2.11 ^{**}		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	SEP 15	AUG 15	JUL 15	SEP 14
GOM CENTRAL FEDERAL OFFSHORE (OCS)				
Crude Oil & Condensate ^F (MMB)	46	47 ²	45	40 ¹
Natural Gas & Casinghead ^F (BCF)	104	108	105	96 ¹
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	289	292	292	269 ²
Natural Gas & Casinghead ^C (BCF)	2,263	2,326	2,335	2,162 ²
IMPORTS				
U.S. Crude Oil ^C (MMB)	217	237	227	225
U.S. Natural Gas ^C (BCF)	209	214 ²	217	202
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	199	209	216	336
U.S. Oil ^A	651	673	649	1,592
U.S. Offshore ^A	32	34	31	64
U.S. Total ^A	848	883	866	1,930
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	39.85	38.21	46.33	88.39
U.S. Imports Average ^C (F.O.B.)	36.93	37.17	45.53	85.26
U.S. Wellhead Average ^C	41.60	39.98	47.70	86.87 ²
Gulf OCS Wellhead Average ^C	42.66	46.21	50.43	94.35 ²
State Severance Wellhead Average ^E	48.92	58.69	59.02	105.53
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.54	4.58 ²	4.65	5.51 ²
U.S. Imports Average ^C (F.O.B.)	2.75	2.74	2.66	4.24
U.S. Spot Market Average ^D	2.62	2.75	2.71	3.86
State Royalty Wellhead Average	2.56	2.73 ²	2.74	3.91 ²
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.64	2.89	2.77	3.96

Key

Data Sources

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

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

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.

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 **Newsletters**. Our current online holdings include issues dating from 1998 through the present. If the issue you are seeking is unavailable, please contact us.

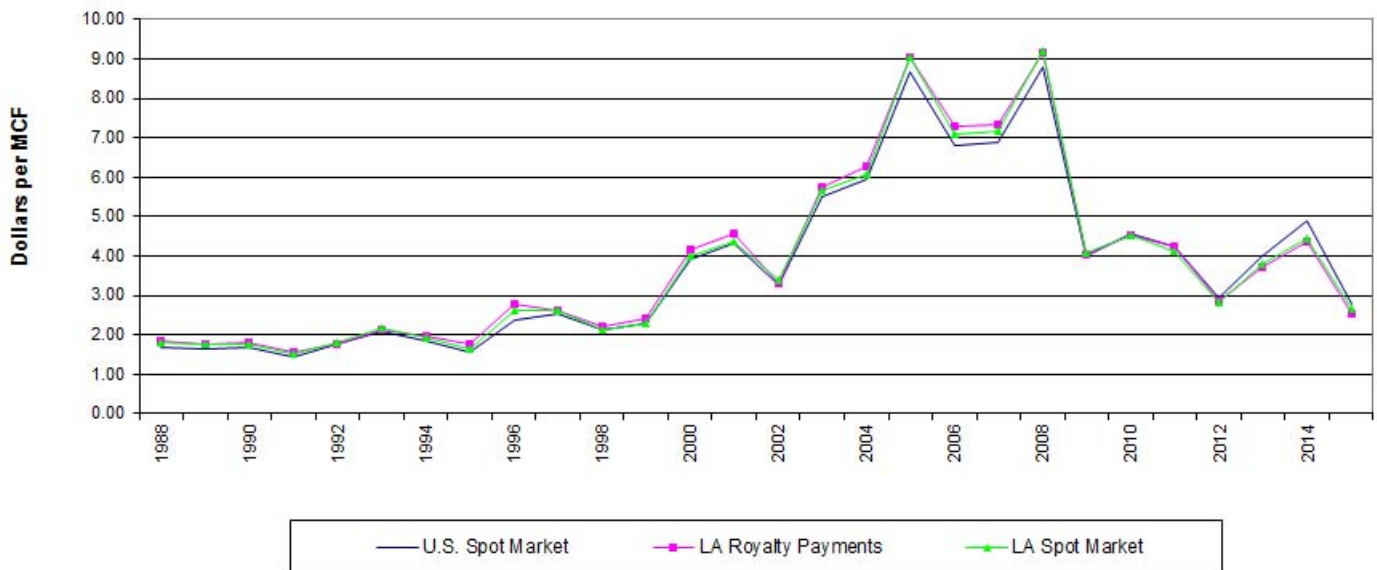
To request notification of when the Louisiana Energy Facts is available online, contact us at techasmt@la.gov with your name, title, company name, email address, and phone number. Please specify that you would like to be added to our email notification database for an electronic subscription.

Natural Gas Average Prices (Dollars per MCF)

Louisiana DNR Technology Assessment Division

(Dollars per MCF)

	UNITED STATES			LOUISIANA	
	<u>Spot Market</u> ^D	<u>Foreign Imports</u> ^C	<u>City Gate</u> ^C	<u>Royalty Payments</u>	<u>Spot Market</u> ^D
1993	2.10	2.03	3.21	2.14	2.15
1994	1.84	1.87	3.07	1.98	1.91
1995	1.56	1.49	2.78	1.78	1.65
1996	2.39	1.97	3.27	2.78	2.60
1997	2.54	2.17	3.66	2.62	2.60
1998	2.11	1.97	3.07	2.22	2.14
1999	2.28	2.24	3.10	2.42	2.31
2000	3.94	3.95	4.62	4.16	3.98
2001	4.34	4.43	5.72	4.55	4.38
2002	3.26	3.15	4.12	3.29	3.37
2003	5.48	5.17	5.85	5.74	5.66
2004	5.94	5.81	6.65	6.29	6.08
2005	8.67	8.12	8.67 ²	9.03	9.05
2006	6.81	6.88	8.61	7.30	7.08
2007	6.89	6.87	8.16	7.34	7.17
2008	8.80	8.70	9.18	9.16	9.21
2009	4.00	4.19	6.48	4.05	4.07
2010	4.58	4.52	6.18	4.54	4.55
2011	4.26	4.24	5.63	4.24	4.11
2012	2.93	2.88	4.73	2.88	2.82
2013	3.98	3.83	4.88	3.71	3.80
2014	4.89	5.30 ²	5.71 ²	4.35 ²	4.44
2015	2.76	3.32	4.37	2.52	2.67





LOUISIANA DEPARTMENT OF NATURAL RESOURCES

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P. O. Box 94396

Baton Rouge, LA 70804-9396

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Quick Facts

MARCH 2016

Louisiana DNR Technology Assessment Division

SPOT MARKET PRICES

	Feb 16	Jan 16	Feb 15
Louisiana Natural Gas ^D (\$/MMBTU)	1.95	2.26	2.74
NYMEX Henry Hub Last Settle Gas Price ^B (\$/MMBTU)	2.19	2.37	2.87
Louisiana Sweet Crude - St. James ^B (\$/Barrel)	32.48	32.82	55.28

BAKER HUGHES RIG COUNTS

	Jan 16	Dec 15	Jan 15
North Louisiana ^A	24	29 ²	30
South Louisiana Inland Waters ^A	1	1	12
South Louisiana Inland ^A	7	8	16
Louisiana State Offshore	0	0	1
Louisiana Federal OCS Offshore	23	21 ²	49
Total Louisiana ^A (OCS included)	55	59	108

PRODUCTION (State Jurisdiction Only)

	Jan 16	Dec 15	Jan 15
Louisiana Crude Oil & Condensate (MMB)	5.1 ¹	5.2 ¹	5.9 ²
Louisiana Natural Gas & Casinghead (BCF)	141.4 ¹	143.2 ¹	154.1 ²

DRILLING PERMITS (State Jurisdiction Only)

	Jan 16	Dec 15	Jan 15
Total Louisiana Oil and Gas	28	28	40
Louisiana Wildcats	0	1	1
Louisiana Offshore (Wildcats included)	0	0	1