

Louisiana Energy Facts

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Highlights

The Louisiana natural gas spot price has been \$3.79 per MMBTU in the first 10 months of 2021, \$1.90 greater than, or 100% higher than the first 10 months of 2020. The higher gas price was caused by a decrease of the supply of natural gas production,

stoppages due to Hurricane Ida, and increasing demand from the pandemic rebound. Working gas in storage was 3,548 BCF as of October 22, 2021, according to the EIA estimates. This represents a net increase of 87 BCF from the previous week, and it was 403 BCF lower than last year at this time, and 126

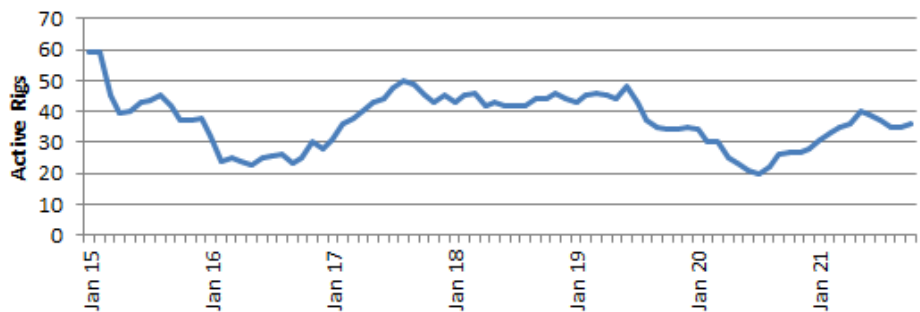
November 2021

BCF lower the five-year average of 3,674 BCF. The expected average natural gas prices for the rest of 2021 and into 2022 is expected around \$5.00 per MMBTU, based on current production and demand levels.

Louisiana Average Active Rigs in Areas Under State Jurisdiction (Monthly Average Active Rigs)

Month	2016	2017	2018	2019	2020	2021	% Change	
							19/20	20/21
January	32	31	43	43	34	31		-8.82%
February	24	36	45	45	30	33		10.00%
March	25	38	46	46	30	35		16.67%
April	24	40	42	45	25	36		44.00%
May	23	43	43	44	23	40		73.91%
June	25	44	42	48	21	39		85.71%
July	26	48	42	43	20	37		85.00%
August	26	50	42	37	22	35		59.09%
September	23	49	44	35	26	35		34.62%
October	25	45	44	34	27	36		33.33%
November	30	43	46	34	27		-20.59%	
December	28	45	44	35	28		-20.00%	
Year Average	26	42	43	42	26	36 **		

** Partial Year



Current Oil & Gas Data

Louisiana DNR Technology Assessment Division

PRODUCTION	MAY 21	APR 21	MAR 21	MAY 20
GOM CENTRAL FEDERAL OFFSHORE ^F (OCS)				
Crude Oil & Condensate (MMB)	53	51	55	46
Natural Gas & Casinghead (BCF)	69	66	71	59
THE UNITED STATES TOTAL				
Crude Oil & Condensate ^C (MMB)	351	337	346	311
Natural Gas & Casinghead ^C (BCF)	3,119	3,025	3,080	2,925
IMPORTS				
U.S. Crude Oil ^C (MMB)	181	175	179	189
U.S. Natural Gas ^C (BCF)	205	208	239	186
BAKER HUGHES RIG COUNTS				
U.S. Gas ^A	100	94	92	79
U.S. Oil ^A	353	342	316	269
U.S. Offshore ^A	14	12	13	13
U.S. Total ^A	453	436	408	347
PRICES				
CRUDE OIL (\$/barrel)				
OPEC Average ^C (F.O.B.)	63.76	64.57	63.76	30.80
U.S. Imports Average ^C (F.O.B.)	57.48	57.83	57.48	19.28
U.S. Wellhead Average ^C	62.80	59.87	60.67	18.09
Gulf OCS Wellhead Average ^C	63.27	61.25	60.99	16.97
State Severance Wellhead Average ^E	66.14	47.41	66.48	31.06
NATURAL GAS (\$/MCF)				
U.S. City Gates Average ^C	4.34	3.84	4.04	3.37
U.S. Imports Average ^C (F.O.B.)	2.76	2.44	2.71	1.68
U.S. Spot Market Average ^D	3.01	2.71	2.67	1.79
State Royalty Wellhead Average	2.71	2.42	2.74	1.41
NYMEX Henry Hub End of the Month Settle Gas Price ^B (\$/MMBTU)	2.89	2.61	2.57	1.79

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	MMBTU	Million British Thermal Units

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	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.

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Louisiana Energy Facts

LOUISIANA ESTIMATED CRUDE OIL IMPORTS AND EXPORTS (Barrels)

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
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	168,730,922	767,894,191	936,625,113	454,085,373
2009	182,258,937	607,792,864	790,051,801	428,186,575
2010	199,457,627	650,091,329	849,548,956	453,340,592
2011	224,516,717	604,090,791	828,607,508	470,330,446
2012	251,713,325	558,733,899	810,447,224	311,769,084
2013	343,133,879	419,087,598	762,221,477	270,802,771
2014	438,543,962	351,264,763	789,808,725	261,600,829
2015	478,773,258	358,099,808	836,873,066	256,695,969
2016	425,135,131	395,685,405	820,820,536	264,776,055
2017	507,957,916	326,975,746	834,933,662	287,040,373
2018	509,672,251	261,358,281	771,030,532	297,596,482
2019	545,698,327	259,072,691	804,771,018	312,958,367
2020	714,327,956	287,364,197	1,001,692,153	277,659,814

LOUISIANA ESTIMATED NATURAL GAS IMPORTS AND EXPORTS (MCF)

<u>YEAR</u>	<u>Domestic Imports</u>	<u>Foreign Imports</u>	<u>Total Imports</u>	<u>Total Exports</u>
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	2,416,147,366	9,306,010	2,425,453,376	3,819,251,975
2009	2,871,992,733	21,246,016	2,893,238,749	4,374,100,574
2010	2,968,917,248	37,981,236	3,006,898,484	4,903,836,122
2011	2,942,300,217	14,315,238	2,956,615,455	5,235,594,099
2012	2,921,306,407	10,271,538	2,931,577,945	5,202,884,633
2013	2,614,810,990	7,231,826	2,622,042,816	4,316,459,899
2014	2,482,102,996	5,016,324	2,487,119,320	3,775,998,381
2015	2,275,276,676	5,879,794	2,281,156,470	3,426,848,532
2016	2,050,211,214	1,751,740	2,051,962,954	3,075,203,915
2017	2,187,275,983	152,454	2,187,428,437	2,779,327,955
2018	2,643,507,875	91,332	2,643,599,207	3,412,655,118
2019	3,882,109,657	0	3,882,109,657	4,956,615,872
2020	2,624,598,313	1,284,625	2,625,882,938	5,097,183,518

Quick Facts

November 2021

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SPOT MARKET PRICES

Louisiana Natural Gas^D (\$/MMBTU)

NYMEX Henry Hub Last Settle Gas Price^B (\$/MMBTU)

Louisiana Sweet Crude - St. James^B (\$/Barrel)

BAKER HUGHES RIG COUNTS

North Louisiana^A

South Louisiana Inland Waters^A

South Louisiana Inland^A

Louisiana State Offshore

Louisiana Federal OCS Offshore

Total Louisiana^A (OCS included)

PRODUCTION (State Jurisdiction Only)

Louisiana Crude Oil & Condensate (MMB)

Louisiana Natural Gas & Casinghead (BCF)

DRILLING PERMITS (State Jurisdiction Only)

Total Louisiana Oil and Gas

Louisiana Wildcats

Louisiana Offshore (Wildcats included)

Louisiana DNR Technology Assessment Division

Oct 21 Sep 21 Oct 20

5.35 5.03 2.03

5.48 5.12 2.37

82.29 72.95 40.79

Sep 21 Aug 21 Sep 20

34 33 25

1 2 1

1 1 0

0 0 0

4 13 12

39 48 38

Sep 21 Aug 21 Sep 20

3.2¹ 3.4¹ 2.7²

289.7¹ 291.3¹ 241.9²

Sep 21 Aug 21 Sep 20

52 42 40

1 0 1

1 2 0

