

LOUISIANA ENERGY FACTS ANNUAL 2024



Louisiana Department of Energy and Natural Resources
Tyler P. Gray Secretary

Louisiana Office of Energy

LOUISIANA ENERGY FACTS

ANNUAL 2024

Louisiana Department of Energy and Natural Resources

Tyler Patrick Gray
Secretary



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General Questions and Comments

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General questions and comments regarding the Annual may be referred to Office of Energy staff at 225.342.1270. Questions concerning specific areas of the Annual may be directed to the Office of Energy staff members listed below.

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LOUISIANA ENERGY FACTS ANNUAL 2024

Introduction

ABOUT THIS PUBLICATION

The **Louisiana Energy Facts Annual (Annual)** is published to provide a comprehensive compendium of Louisiana-related energy production and use statistics on a yearly basis. The data tables are supplemented with numerous graphs and charts to aid in interpreting the data and the discernment of trends. The **Annual** is published as soon as sufficient data for the previous calendar year is available. Due to time lags in the availability of some of the data, there is approximately a six-month lag before the current Annual can be published. Some changes have been introduced in order to incorporate the latest available data.

If you read our monthly **Louisiana Energy Facts** newsletter, you may find that some of the previously published data has been revised in the **Annual**. This data, by its nature, continues to be revised, sometimes years after its initial publication. We try to bring attention to these changes by marking them as revisions.

The most recent **Louisiana Energy Facts** monthly newsletter may contain even more updates. Please refer to the recent monthlies for the very latest data. The **Louisiana Energy Facts** monthly newsletter is available online at our website:

<https://www.dnr.louisiana.gov/>

- ◇ Select "Energy", then expand the "Energy" menu on the left-hand side of the page
 - For Newsletters, select "Newsletters" then [Louisiana Energy Facts](#)
 - For Reports, select "Reports", then [Energy Fact Annual](#)
 - For tables covering longer periods than in the Louisiana Energy Facts Reports, select [Facts & Figures](#)

Note: *The data in these tables will be updated throughout the year. The data files are not audited and will change as more reliable data becomes available.*

The Office of Energy is not the source of the data; it merely reports data provided to us by the responsible agency. We understand that users of our time series data need consistency, and for that reason, our time series have been adjusted backward to reflect these new modifications.

Additional comments or suggestions about this publication can be directed to the Office of Energy staff members listed on the General Questions and Comments page.

We hope you find this document useful, and we appreciate your feedback. Please fill in, detach, and return the survey form at the back of this report.

2024 Highlights

The data in the 2024 **Louisiana Energy Facts Annual** contains some recent trends.

CRUDE OIL AND NATURAL GAS PRICES

The gas spot price average was \$2.57 per MCF in 2023, and it was \$2.28 per MCF in 2024, which is 11.3% lower than in 2023. The Louisiana natural gas spot market average in January 2024 was \$3.35 per MCF and decreased to \$3.14 per MCF in December 2024, with the yearly low price at \$1.55 per MCF in March. The price increase throughout the year was attributed to the decrease in supply, partly due to the decrease in production due to lower prices in the spring, summer, and fall, with the prices increasing back over the \$3.00 per MCF level in December. The average price for gas for 2025 is expected to be in the \$3.50 per MCF range.

Light Louisiana Sweet (LLS) average spot crude oil price was \$80.17 per barrel in 2023 and \$78.29 per barrel in 2024, a 2.3% decrease. The LLS crude oil spot price average was \$76.48 per barrel in January 2024 and fell by the end of the year to \$72.39 per barrel in December 2024, with a peak price of \$87.61 in April. The oil price increase during the middle part of the year was caused by repressed levels of exportation from the OPEC + nations due to lower than desired prices. The 2025 LLS average spot price is expected to be around \$66 per barrel.

Oil and Gas Production

Louisiana state oil production was lower in 2024 than in 2023, including in the federal Outer Continental Shelf (OCS) in the Gulf. The Louisiana state crude oil and condensate production, excluding the federal OCS, was 30.4 million barrels (MMB) in 2024 and 34.2 MMB in 2023. The 2024 oil production was 3.8 MMB, 11.1% lower than in 2023. The preliminary Central GOM oil production in 2024 was 623.8 MMB and 27.7 MMB, 4.3% lower than in 2023. The decrease in Central GOM oil was greatly impacted by Hurricane Florence, which affected the Gulf and the Louisiana coast in September 2024.

Louisiana gas production was lower in 2024 than in 2023. After having 50-year highs of production in 2023, Louisiana state natural gas and casinghead, excluding OCS production, was 3.6 TCF in 2024, 14.3% lower than in 2023. The decrease in gas production was driven by a depressed price of natural gas during most of 2024, which limited the desire to drive exploration and production.

The Haynesville shale is producing around 87.5% of the state's total gas production. The preliminary Central Gulf gas production in 2024 is about 0.64 TCF and is expected to maintain that production in 2025. The Central Gulf gas production has decreased over the years due to shifting priorities from gas to oil fields offshore.

DRILLING

Louisiana's rig count, including the OCS area, averaged 43 active rigs in 2024, 20.4% lower than in 2023. In state areas, state offshore region drilling rigs were almost non-existent in 2023. South LA Inland water averaged one per month in 2024, and South LA inland land averaged four per month in 2024. The North LA region decreased by eight rigs in 2024 from 2023, and the LA Federal OCS average showed a three-rig decrease in 2024 from 2023.

OTHER SIGNIFICANT ITEMS

Louisiana refineries' 2024 daily crude oil average runs to stills were 2.63 million barrels per day, increasing slightly over the 2.6 million barrels per day from the 2023 daily production numbers.

The average employment in the oil and gas extraction industries was 26,818 in 2024; a decrease of about 1,500 positions from 2023.

TABLE 1 – LOUISIANA STATE CRUDE OIL PRODUCTION*Excluding OCS
(Barrels)*

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
2016	9,190,448	31,497,988	4,953,083	45,641,520
2017	9,167,532	27,384,913	3,886,270	40,438,716
2018	8,499,585	25,052,522	3,812,255	37,364,360
2019	8,169,691	23,385,515	4,035,397	35,590,604
2020	6,675,585	19,038,588	3,115,857	28,830,030
2021	6,266,088	18,524,807	2,626,608	27,417,504
2022	6,203,062	19,981,830	3,282,468	29,467,360

2023	NORTH	SOUTH	OFFSHORE	TOTAL
January	516,019	1,705,553	283,123	2,504,695
February	464,525	1,507,310	256,732	2,228,567
March	513,960	1,645,491	280,888	2,440,339
April	485,639	1,548,754	274,760	2,309,153
May	497,615	1,574,082	267,180	2,338,877
June	465,225	1,555,842	243,461	2,264,528
July	489,164	1,608,123	228,027	2,325,314
August	491,216	1,595,677	270,152	2,357,045
September	457,621	1,514,699	281,407	2,253,727
October	511,865	1,519,476	284,107	2,315,448
November	486,627	1,408,967	292,387	2,187,981
December	481,182	1,417,054	308,432	2,206,668
Totals	5,860,658	18,601,028	3,270,656	27,732,342

2024	NORTH	SOUTH	OFFSHORE	TOTAL
January	439,346	1,367,616	285,159	2,092,121
February	458,659	1,335,819	240,597	2,035,075
March	461,822	1,430,491	256,022	2,148,335
April	450,397	1,379,770	237,366	2,067,533
May	424,003	1,440,899	246,366	2,111,268
June	411,370	1,424,761	220,234	2,056,365
July	445,680	1,446,135	220,155	2,111,970
August	449,350	1,417,802	215,027	2,082,179
September	430,192	1,228,021	161,332	1,819,545
October	444,044	1,380,279	198,250	2,022,573
November	423,601	1,304,643	198,497	1,926,741
December	429,317	1,328,777	223,794	1,981,888
Totals	5,267,781	16,485,013	2,702,799	24,455,592

*e – Estimated, r – Revised, p – Preliminary***See footnote in Appendix B*

TABLE 2 – LOUISIANA STATE CONDENSATE PRODUCTION

*Excluding OCS
(Barrels)*

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
2016	3,853,162	7,542,869	376,488	11,772,519
2017	3,884,160	6,895,964	302,759	11,082,883
2018	3,397,793	7,083,191	236,135	10,717,119
2019	3,045,037	6,967,773	211,028	10,223,838
2020	2,538,922	4,877,799	166,445	7,583,166
2021	2,403,317	4,333,870	129,128	6,866,315
2022	2,336,152	4,561,220	119,670	7,017,042

2023	NORTH	SOUTH	OFFSHORE	TOTAL
January	213,443	389,655	10,525	613,623
February	199,320	334,642	10,036	543,998
March	185,071	369,059	14,137	568,267
April	181,400	341,482	14,472	537,354
May	208,378	352,268	19,082	579,728
June	173,515	344,866	22,800	541,181
July	161,692	347,438	8,940	518,070
August	166,332	365,943	19,341	551,616
September	165,429	309,148	23,911	498,488
October	181,830	314,027	25,785	521,642
November	160,679	302,483	17,975	481,137
December	157,123	359,174	10,863	527,160
Totals	2,154,212	4,130,185	197,867	6,482,264

2024	NORTH	SOUTH	OFFSHORE	TOTAL
January	144,065	367,851	17,049	528,965
February	128,040	331,871	23,301	483,212
March	153,528	347,004	26,745	527,277
April	143,191	363,478	25,556	532,225
May	140,060	326,976	26,702	493,738
June	140,972	329,201	25,206	495,379
July	134,826	354,982	24,838	514,646
August	131,932	354,056	21,975	507,963
September	126,733	279,437	16,142	422,312
October	133,956	322,840	16,090	472,886
November	128,943	313,543	15,529	458,015
December	140,675	334,705	13,046	488,426
Totals	1,646,921	4,025,944	252,179	5,925,044

e – Estimated, r – Revised, p – Preliminary

TABLE 3 – LOUISIANA STATE CRUDE OIL AND CONDENSATE PRODUCTION*Excluding OCS
(Barrels)*

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
2016	13,043,610	39,040,947	5,329,571	57,414,128
2017	13,052,779	34,280,911	4,189,029	51,522,720
2018	11,897,821	32,135,713	4,048,390	48,081,924
2019	11,214,728	30,353,288	4,246,425	45,814,440
2020	9,214,510	23,916,387	3,282,302	36,413,200
2021	8,669,405	22,858,677	2,755,736	34,283,816
2022	8,539,163	24,543,050	3,402,138	36,484,352

2023	NORTH	SOUTH	OFFSHORE	TOTAL
January	729,565	2,095,193	293,648	3,118,406
February	663,806	1,841,962	266,768	2,772,536
March	698,995	2,014,561	295,025	3,008,581
April	667,105	1,890,236	289,232	2,846,573
May	706,113	1,926,350	286,262	2,918,725
June	638,720	1,900,708	266,261	2,805,689
July	650,834	1,955,561	236,967	2,843,362
August	657,525	1,961,620	289,493	2,908,638
September	623,027	1,823,847	305,318	2,752,192
October	693,675	1,833,503	309,892	2,837,070
November	647,289	1,711,450	310,362	2,669,101
December	638,297	1,776,228	319,295	2,733,820
Totals	8,014,951	22,731,219	3,468,523	34,214,692

2024	NORTH	SOUTH	OFFSHORE	TOTAL
January	583,533	1,735,467	302,208	2,621,208
February	586,671	1,664,556	263,898	2,515,125
March	615,350	1,777,495	282,767	2,675,612
April	593,589	1,743,248	262,922	2,599,759
May	563,970	1,767,875	273,068	2,604,913
June	552,444	1,753,962	245,440	2,551,846
July	580,476	1,801,117	244,993	2,626,586
August	581,415	1,771,856	237,002	2,590,273
September	557,253	1,507,458	177,474	2,242,185
October	578,239	1,703,118	214,340	2,495,697
November	562,891	1,617,756	214,026	2,394,673
December	571,989	1,658,636	236,840	2,467,465
Totals	6,927,820	20,502,544	2,954,978	30,385,342

e – Estimated, r – Revised, p – Preliminary

TABLE 4 – LOUISIANA AND GOM CENTRAL CRUDE OIL AND CONDENSATE PRODUCTION*(Barrels)*

YEAR	ONSHORE	STATE OFFSHORE	GOM CENTRAL	TOTAL
2016	52,084,556	5,329,571	552,466,609	609,880,768
2017	47,333,688	4,189,029	582,973,466	634,496,192
2018	44,033,536	4,048,390	611,531,571	659,613,504
2019	41,568,016	4,246,425	662,152,611	707,967,040
2020	33,130,896	3,282,302	586,191,103	622,604,288
2021	31,528,082	2,755,736	591,162,731	625,446,528
2022	33,082,212	3,402,138	602,498,997	638,983,360

2023	ONSHORE	STATE OFFSHORE	GOM CENTRAL	TOTAL
January	2,824,758	293,648	56,831,454	59,949,860
February	2,505,768	266,768	49,507,453	52,279,988
March	2,713,556	295,025	55,350,972	58,359,552
April	2,557,341	289,232	50,379,742	53,226,316
May	2,632,463	286,262	52,518,011	55,436,736
June	2,539,428	266,261	53,021,189	55,826,880
July	2,606,395	236,967	57,025,799	59,869,160
August	2,619,145	289,493	55,456,783	58,365,420
September	2,446,874	305,318	56,467,580	59,219,772
October	2,527,178	309,892	57,246,281	60,083,352
November	2,358,739	310,362	52,947,189	55,616,288
December	2,414,525	319,295	54,740,087	57,473,908
Totals	30,746,170	3,468,523	651,492,540	685,707,264

2024	ONSHORE	STATE OFFSHORE	GOM CENTRAL	TOTAL
January	2,319,000	302,208	51,701,277	54,322,484
February	2,251,227	263,898	50,189,919	52,705,044
March	2,392,845	282,767	53,231,856	55,907,468
April	2,336,837	262,922	53,026,140	55,625,900
May	2,331,845	273,068	53,634,895	56,239,808
June	2,306,406	245,440	51,958,430	54,510,276
July	2,381,593	244,993	55,067,984	57,694,568
August	2,353,271	237,002	54,220,514	56,810,788
September	2,064,711	177,474	45,722,961	47,965,144
October	2,281,357	214,340	53,009,971	55,505,668
November	2,180,647	214,026	47,075,968	49,470,640
December	2,230,625	236,840	54,949,564	57,417,028
Totals	27,430,364	2,954,978	623,789,479	654,174,848

e – Estimated, r – Revised, p – Preliminary

TABLE 5 – LOUISIANA STATE OIL PRODUCTION* BY TAX RATES AS PUBLISHED IN SEVERANCE TAX REPORTS

(Barrels)

YEAR	FULL RATE	INCAPABLE RATE	STRIPPER RATE	TAXED VOLUME
2016	52,512,796	2,074,407	4,039,203	58,626,405
2017	42,717,133	1,546,846	4,284,183	48,548,162
2018	39,020,169	1,340,994	4,155,220	44,532,108
2019	42,193,757	1,327,665	4,058,852	47,580,275
2020	31,826,965	1,224,788	3,222,744	36,274,497
2021	26,718,544	1,128,146	3,280,492	31,257,448
2022	36,710,721	1,875,875	3,564,627	42,677,846

2023	FULL RATE	INCAPABLE RATE	STRIPPER RATE	TAXED VOLUME
January	-10,573,555	12,290	60,576	-10,466,463
February	2,351,125	158,597	231,000	2,769,516
March	2,438,304	164,875	261,758	2,904,657
April	2,044,262	148,920	248,414	2,477,372
May	2,294,405	176,608	290,455	2,853,124
June	2,088,421	192,887	295,831	2,757,376
July	2,336,603	169,559	250,870	2,789,193
August	2,270,237	114,772	287,194	2,708,339
September	1,779,830	250,921	302,461	2,374,833
October	2,245,618	190,492	300,405	2,774,480
November	1,638,212	61,174	238,728	2,142,182
December	2,065,682	160,176	326,330	2,615,516
Totals	12,979,145	1,801,271	3,094,021	18,700,125

2024	FULL RATE	INCAPABLE RATE	STRIPPER RATE	TAXED VOLUME
January	4,044,350	162,047	278,961	4,512,500
February	127,858	-45,721	-6,248	61,965
March	2,006,064	62,484	216,432	2,300,279
April	2,098,625	-26,457	268,592	2,367,045
May	2,160,069	86,262	250,261	2,536,377
June	3,714,544	96,602	276,394	4,132,948
July	3,979,862	109,571	286,365	4,402,142
August	1,991,118	113,938	323,009	2,450,135
September	4,064,718	85,994	200,041	4,357,509
October	3,503,674	121,355	399,468	4,056,589
November	1,845,184	99,300	201,599	2,168,596
December	2,075,805	181,543	290,627	2,567,112
Totals	31,611,870	1,046,919	2,985,501	35,913,196

e – Estimated, r – Revised, p – Preliminary * Due to reporting time lag and well exemptions the above figures could be different from actual production.

TABLE 6 – UNITED STATES OCS CRUDE OIL AND CONDENSATE PRODUCTION*(Barrels)*

YEAR	LOUISIANA	TEXAS	CALIFORNIA	TOTAL
1998	425,865,901	27,837,631	40,636,231	484,861,417
1999	451,391,454	31,758,296	42,071,101	537,198,889
2000	477,645,662	35,044,216	34,373,524	557,370,524
2001	502,115,031	42,991,844	34,763,192	592,514,727

YEAR	CENTRAL GOM	WESTERN GOM	PACIFIC	TOTAL
2002	521,432,474	46,423,253	29,783,000	597,638,727
2003	509,552,915	51,825,370	30,001,000	591,379,285
2004	482,598,762	52,683,149	27,510,000	562,791,911
2005	418,763,978	48,155,514	26,498,079	493,417,571
2006	431,633,489	40,379,554	25,992,128	498,005,171
2007	435,264,843	32,704,378	24,623,593	492,592,814
2008	396,112,395	27,297,077	24,029,346	447,438,818
2009	544,854,279	25,399,965	22,306,167	592,560,411
2010	541,600,736	20,900,548	21,708,034	584,209,318
2011	451,838,190	29,695,690	19,816,847	501,350,727
2012	422,692,750	42,005,409	17,678,497	482,376,656
2013	415,760,908	43,125,370	18,558,778	477,445,056
2014	470,176,016	40,308,758	18,481,821	528,966,595
2015	514,377,579	38,570,739	11,451,000	564,399,296
2016	552,466,609	32,517,118	6,144,000	591,127,744
2017	582,973,466	30,546,441	5,714,000	619,233,920
2018	611,531,571	30,425,135	4,874,000	646,830,720
2019	662,152,611	30,350,018	4,449,000	696,951,616
2020	586,191,103	23,784,539	4,569,000	614,544,640
2021	591,162,731	31,881,503	3,992,000	627,036,224
2022	602,498,997	29,293,235	2,682,000	634,474,240
2023	651,492,540	29,087,435	3,019,000	683,598,976
2024	623,789,479	30,216,908	3,857,000	657,863,360

*e – Estimated, r – Revised, p – Preliminary***NOTE:** Starting in 2002 BOEM has not formally published production by state adjacent areas

TABLE 7– UNITED STATES CRUDE OIL AND CONDENSATE PRODUCTION AND IMPORTS

(Thousands of Barrels)

YEAR	ALL OCS	DOMESTIC PRODUCTION	IMPORTS TOTAL
2016	585,584	3,239,119	2,873,208
2017	613,708	3,416,247	2,908,670
2018	641,972	4,000,208	2,835,491
2019	692,832	4,494,592	2,482,332
2020	610,184	4,144,184	2,150,267
2021	623,168	4,127,478	2,231,550
2022	631,892	4,377,169	2,292,673

2023	ALL OCS	DOMESTIC PRODUCTION	IMPORTS TOTAL
January	58,983	389,622	194,599
February	51,180	350,907	184,689
March	58,082	395,874	195,160
April	52,080	379,500	185,821
May	52,937	393,513	200,556
June	55,785	386,834	194,814
July	59,972	400,688	194,899
August	58,603	404,274	217,594
September	59,906	397,397	199,206
October	60,443	409,781	190,192
November	55,364	398,858	208,036
December	56,705	412,155	198,926
Totals	680,764	4,721,096	2,368,436

2024	ALL OCS	DOMESTIC PRODUCTION	IMPORTS TOTAL
January	54,036	389,161	205,447
February	51,897	379,960	189,576
March	56,256	408,294	192,082
April	54,789	397,459	197,341
May	55,085	409,235	218,720
June	54,107	397,196	199,924
July	56,001	408,950	220,808
August	55,442	414,270	196,088
September	47,201	395,541	193,678
October _p	54,658	416,953	197,026
November _p	49,608	400,561	197,326
December _p	57,392	416,988	203,277
Totals _p	646,472	4,834,568	2,411,293

e – Estimated, r – Revised, p – Preliminary

TABLE 8 – LOUISIANA STATE ROYALTY OIL, GAS AND PLANT PRODUCTS

LOUISIANA STATE ROYALTY OIL, GAS AND PLANT PRODUCTS

YEAR	OIL (Barrels)	GAS (MCF)	PLANT LIQUIDS (BARRELS)
2016	2,972,638	27,950,764	6,410,410
2017	2,527,683	22,092,507	5,375,694
2018	2,470,920	19,388,812	4,918,281
2019	2,430,688	20,445,822	5,068,938
2020	1,724,265	18,634,929	3,375,647
2021	1,487,464	18,558,544	495,758
2022	1,677,101	36,025,528	538,434

2023	OIL (Barrels)	GAS (MCF)	PLANT LIQUIDS (BARRELS)
January	139,517	2,082,417	39,330
February	124,933	1,984,201	27,481
March	133,810	2,025,747	28,600
April	127,581	1,907,096	25,776
May	133,245	2,036,316	20,728
June	129,795	1,857,914	25,364
July	127,895	1,938,991	26,559
August	134,037	1,918,423	18,984
September	125,907	1,838,112	20,308
October	124,551	1,800,578	20,924
November	130,135	1,591,222	20,862
December	133,446	1,544,847	19,997
Totals	1,564,852	22,525,864	294,914

2024	OIL (Barrels)	GAS (MCF)	PLANT LIQUIDS (BARRELS)
January	135,547	2,864,509	20,495
February	120,429	2,844,503	16,274
March	125,255	2,858,289	14,195
April	127,294	2,694,764	18,710
May	127,147	2,550,772	22,349
June	116,840	2,499,711	21,521
July	121,153	2,662,709	20,690
August	115,951	3,014,568	17,863 e
September	92,234	2,833,165	15,772 e
October	110,039	2,804,476	17,415
November	104,473	2,647,218	16,305
December	107,675	2,694,390	13,856
Totals	1,404,043	32,969,075	215,445

e – Estimated, r – Revised, p – Preliminary

TABLE 9 – LOUISIANA STATE NATURAL GAS PRODUCTION WET AFTER LEASE SEPARATION

Excluding OCS and Casinghead Gas
(Thousand Cubic Feet (MCF) at 15.025 psia and 60 degrees Fahrenheit)

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
2016	1,519,290,823	223,003,369	24,621,621	1,766,915,808
2017	1,816,305,815	199,870,427	19,169,444	2,035,345,680
2018	2,544,226,670	185,034,363	13,797,996	2,743,059,024
2019	2,943,652,850	163,905,128	12,113,522	3,119,671,504
2020	2,987,320,187	122,356,456	8,893,314	3,118,569,952
2021	3,238,082,075	108,695,150	6,503,154	3,353,280,432
2022	3,903,856,997	110,223,938	4,408,993	4,018,489,920

2023	NORTH	SOUTH	OFFSHORE	TOTAL
January	356,380,770	7,899,860	305,757	364,586,400
February	333,308,029	6,552,028	304,052	340,164,096
March	357,417,816	6,766,108	323,442	364,507,360
April	349,198,472	5,919,919	270,585	355,388,992
May	372,900,810	6,183,708	335,215	379,419,744
June	337,463,968	6,234,609	325,260	344,023,840
July	353,202,051	6,627,810	253,667	360,083,520
August	355,200,377	6,483,138	270,789	361,954,304
September	341,862,162	6,272,525	338,711	348,473,408
October	349,404,627	6,475,413	331,737	356,211,776
November	333,630,035	6,678,229	289,341	340,597,600
December	334,306,695	7,098,194	295,504	341,700,384
Totals	4,174,275,812	79,191,541	3,644,060	4,257,111,424

2024	NORTH	SOUTH	OFFSHORE	TOTAL
January	331,185,945	7,072,536	294,055	338,552,544
February	321,707,994	6,563,743	268,204	328,539,936
March	325,141,151	6,440,076	261,137	331,842,368
April	292,761,679	6,459,613	258,070	299,479,360
May	291,253,512	6,255,751	248,475	297,757,728
June	280,654,129	6,046,874	250,700	286,951,712
July	299,576,787	6,678,133	169,434	306,424,352
August	289,842,541	7,068,066	129,120	297,039,712
September	268,993,006	5,944,605	110,545	275,048,160
October	279,312,654	6,748,594	113,890	286,175,136
November	268,078,018	6,400,659	97,340	274,576,032
December	277,687,150	6,549,031	65,206	284,301,376
Totals	3,526,194,566	78,227,681	2,266,176	3,606,688,416

e – Estimated, r – Revised, p – Preliminary

TABLE 10 – LOUISIANA STATE CASINGHEAD GAS PRODUCTION WET AFTER LEASE SEPARATION

*Excluding OCS and Casinghead Gas
(Thousand Cubic Feet (MCF) at 15.025 psia and 60 degrees Fahrenheit)*

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
2016	4,603,368	41,890,521	3,286,124	49,780,013
2017	5,040,218	37,937,797	2,562,281	45,540,296
2018	4,974,625	31,734,600	2,808,335	39,517,560
2019	4,741,916	29,018,810	3,169,319	36,930,045
2020	5,056,146	22,429,368	3,032,201	30,517,715
2021	4,740,744	20,326,859	2,784,465	27,852,068
2022	5,325,972	20,791,233	3,636,321	29,753,526

2023	NORTH	SOUTH	OFFSHORE	TOTAL
January	438,110	1,749,319	177,562	2,364,991
February	409,852	1,555,492	200,669	2,166,013
March	410,911	1,600,629	216,172	2,227,712
April	413,871	1,444,893	207,796	2,066,560
May	369,987	1,445,752	233,399	2,049,138
June	385,626	1,493,362	240,254	2,119,242
July	372,757	1,654,964	208,550	2,236,271
August	406,171	1,624,162	268,023	2,298,356
September	382,702	1,509,663	246,515	2,138,880
October	366,072	1,489,071	238,608	2,093,751
November	351,210	1,383,390	245,935	1,980,535
December	350,478	1,378,971	231,226	1,960,675
Totals	4,657,747	18,329,668	2,714,709	25,702,124

2024	NORTH	SOUTH	OFFSHORE	TOTAL
January	285,260	1,360,604	205,392	1,851,256
February	306,197	1,407,344	159,440	1,872,981
March	326,246	1,410,346	148,713	1,885,305
April	313,232	1,488,213	132,436	1,933,881
May	277,479	1,510,167	144,365	1,932,011
June	310,693	1,505,668	130,573	1,946,934
July	335,389	1,632,402	143,756	2,111,547
August	326,050	1,750,863	142,089	2,219,002
September	307,873	1,424,568	138,617	1,871,058
October	323,465	1,542,596	130,520	1,996,581
November	302,412	1,446,319	144,519	1,893,250
December	308,087	1,523,798	149,143	1,981,028
Totals	3,722,383	18,002,888	1,769,563	23,494,834

e – Estimated, r – Revised, p – Preliminary

TABLE 11 – LOUISIANA STATE GAS PRODUCTION AFTER LEASE SEPARATION

Natural Gas and Casinghead Gas, Excluding OCS
(Thousand Cubic Feet (MCF) at 15.025 psia and 60 degrees Fahrenheit)

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
2016	1,523,894,191	264,893,890	27,907,745	1,816,695,826
2017	1,821,346,033	237,808,224	21,731,725	2,080,885,982
2018	2,549,201,295	216,768,963	16,606,331	2,782,576,589
2019	2,948,394,766	192,923,938	15,282,841	3,156,601,545
2020	2,992,376,333	144,785,824	11,925,515	3,149,087,672
2021	3,242,822,819	129,022,009	9,287,619	3,381,132,447
2022	3,909,182,969	131,015,171	8,045,314	4,048,243,454

2023	NORTH	SOUTH	OFFSHORE	TOTAL
January	356,818,880	9,649,179	483,319	366,951,391
February	333,717,881	8,107,520	504,721	342,330,109
March	357,828,727	8,366,737	539,614	366,735,072
April	349,612,343	7,364,812	478,381	357,455,552
May	373,270,797	7,629,460	568,614	381,468,882
June	337,849,594	7,727,971	565,514	346,143,082
July	353,574,808	8,282,774	462,217	362,319,791
August	355,606,548	8,107,300	538,812	364,252,660
September	342,244,864	7,782,188	585,226	350,612,288
October	349,770,699	7,964,484	570,345	358,305,527
November	333,981,245	8,061,619	535,276	342,578,135
December	334,657,173	8,477,165	526,730	343,661,059
Totals	4,178,933,559	97,521,209	6,358,769	4,282,813,537

2024	NORTH	SOUTH	OFFSHORE	TOTAL
January	331,471,205	8,433,140	499,447	340,403,800
February	322,014,191	7,971,087	427,644	330,412,917
March	325,467,397	7,850,422	409,850	333,727,673
April	293,074,911	7,947,826	390,506	301,413,241
May	291,530,991	7,765,918	392,840	299,689,739
June	280,964,822	7,552,542	381,273	288,898,646
July	299,912,176	8,310,535	313,190	308,535,899
August	290,168,591	8,818,929	271,209	299,258,714
September	269,300,879	7,369,173	249,162	276,919,218
October	279,636,119	8,291,190	244,410	288,171,717
November	268,380,430	7,846,978	241,859	276,469,282
December	277,995,237	8,072,829	214,349	286,282,404
Totals	3,529,916,949	96,230,569	4,035,739	3,630,183,257

e – Estimated, r – Revised, p – Preliminary

TABLE 12 – LOUISIANA STATE GAS PRODUCTION AFTER LEASE SEPARATION

Natural Gas and Casinghead Gas
(Thousand Cubic Feet (MCF) at 15.025 psia and 60 degrees Fahrenheit)

YEAR	ONSHORE	STATE OFFSHORE	GOM Central	TOTAL
2016	1,698,730,120	27,915,604	1,101,230,291	2,827,876,015
2017	2,059,154,257	21,731,725	985,555,167	3,066,441,149
2018	2,660,656,142	16,762,637	913,030,945	3,629,158,261
2019	3,141,318,704	15,282,841	957,818,745	4,114,420,290
2020	3,137,162,157	11,925,515	757,553,328	3,906,641,000
2021	3,371,844,828	9,287,619	741,710,804	4,122,843,251
2022	4,040,198,140	8,045,314	727,850,159	4,776,093,613

2023	ONSHORE	STATE OFFSHORE	GOM Central	TOTAL
January	366,468,059	483,319	66,131,045	433,082,423
February	341,825,401	504,721	58,242,898	400,573,020
March	366,195,464	539,614	62,918,035	429,653,113
April	356,977,155	478,381	57,726,405	415,181,941
May	380,900,257	568,614	56,837,803	438,306,674
June	345,577,565	565,514	55,350,890	401,493,969
July	361,857,582	462,217	58,466,516	420,786,315
August	363,713,848	538,812	58,471,605	422,724,265
September	350,027,052	585,226	59,036,141	409,648,419
October	357,735,183	570,345	57,539,415	415,844,943
November	342,042,864	535,276	54,741,058	397,319,198
December	343,134,338	526,730	58,044,973	401,706,041
Totals	4,276,454,768	6,358,769	703,506,784	4,986,320,321

2024	ONSHORE	STATE OFFSHORE	GOM Central	TOTAL
January	339,904,345	499,447	56,529,732	396,933,524
February	329,985,278	427,644	52,861,387	383,274,309
March	333,317,819	409,850	52,323,390	386,051,059
April	301,022,737	390,506	54,477,482	355,890,725
May	299,296,909	392,840	52,316,675	352,006,424
June	288,517,364	381,273	53,317,302	342,215,939
July	308,222,711	313,190	57,519,273	366,055,174
August	298,987,520	271,209	56,927,854	356,186,583
September	276,670,052	249,162	46,284,230	323,203,444
October _p	287,927,309	244,410	56,070,163	344,241,882
November _p	276,227,408	241,859	47,384,568	323,853,835
December _p	286,068,066	214,349	55,562,799	341,845,214
Totals _p	3,626,147,518	4,035,739	641,574,855	4,271,758,112

e – Estimated, r – Revised, p – Preliminary

TABLE 13 – GULF OF MEXICO MARKETING GAS PRODUCTION*(Billion Cubic Feet (BCF) at 15.025 psia and 60 degrees Fahrenheit)*

YEAR	ALABAMA	FLORIDA	LOUISIANA	FEDERAL OCS GOM	MISSISSIPPI	TEXAS
1998	384.7	5.7	1,521.5	4,976.8	105.9	5,124.8
1999	374.2	5.8	1,536.2	4,931.0	108.8	4,955.2
2000	356.3	6.4	1,426.4	4,837.5	86.8	5,178.4
2001	349.8	5.6	1,472.6	4,928.9	105.4	5,179.0
2002	349.1	3.3	1,335.0	4,423.4	110.8	5,040.1
2003	339.3	3.0	1,323.9	4,319.9	131.3	5,140.6
2004	309.8	3.1	1,326.7	3,891.5	62.1	4,967.8
2005	290.7	2.6	1,270.6	3,070.6	51.9	5,172.8
2006	280.6	2.5	1,334.4	2,845.0	59.3	5,439.1
2007	265.1	1.7	1,338.5	2,743.8	72.0	6,003.0
2008	252.8	2.4	1,350.9	2,268.9	94.7	6,824.0
2009	231.4	0.3	1,518.2	2,381.2	86.4	6,685.1
2010	218.6	12.2	2,166.7	2,201.0	72.3	6,583.4
2011	191.7	14.8	2,969.7	1,776.7	79.9	6,973.2
2012	211.5	0.8	2,897.4	1,507.6	63.8	7,475.5
2013	196.3	0.3	2,360.2	1,309.2	59.3	7,633.6
2014	181.1	0.5	1,960.8	1,253.7	54.4	7,985.0
2015	168.2	0.8	1,805.2	1,291.9	58.2	7,890.5
2016	164.8	0.7	1,784.4	1,200.7	48.5	7,225.5
2017	150.0	0.7	2,138.9	1,060.3	38.4	7,135.5
2018	139.5	0.8	2,810.6	975.3	35.6	8,041.6
2019	130.6	0.8	3,223.6	1,015.4	33.3	9,298.6
2020	117.0	0.7	3,206.0	789.3	28.1	9,333.9
2021	107.2	0.9	3,431.4	780.5	27.6	9,875.4
2022	95.7	0.8	4,070.1	784.6	28.4	11,602.5
2023	87.4	0.5	4,326.2	736.8	27.2	11,526.8

e – Estimated, r – Revised, p – Preliminary

TABLE 14 – LOUISIANA STATE GAS PRODUCTION BY TAX RATES*AS PUBLISHED IN SEVERANCE TAX REPORTS**(MCF at 15.025psia and 60 degrees Fahrenheit)*

YEAR	FULL RATE	INCAPABLE GAS RATE	OTHER RATES	TAXED VOLUME
2016	901,247,546	141,379,847	6,574,263	1,049,201,656
2017	1,101,463,917	62,993,814	4,671,346	1,169,129,077
2018	1,387,470,600	125,871,587	5,058,684	1,518,400,871
2019	1,628,727,877	123,185,697	3,690,336	1,755,603,910
2020	1,320,355,629	111,805,065	4,096,526	1,436,257,220
2021	1,336,496,095	107,436,355	2,129,473	1,446,256,802
2022	2,731,616,684	98,376,941	258,502,041	3,124,201,397

2023	FULL RATE	INCAPABLE GAS RATE	OTHER RATES	TAXED VOLUME
January	216,181,882	9,288,035	60,611,430	286,082,559
February	243,870,104	8,082,607	81,519,604	333,472,315
March	32,521,908	14,223,596	98,566,009	145,311,513
April	209,536,583	7,848,677	85,233,749	302,619,010
May	223,101,579	8,449,169	115,859,809	347,410,557
June	215,635,366	8,603,029	137,584,832	361,823,227
July	178,308,131	9,642,508	127,809,056	315,759,695
August	155,086,661	8,441,023	137,294,854	300,822,538
September	169,176,321	8,809,614	161,392,468	339,378,403
October	141,859,460	8,697,175	198,046,765	348,603,400
November	134,506,444	7,312,798	206,192,836	348,012,078
December	346,036,982	3,991,719	163,204,792	513,233,456
Totals	2,265,821,421	103,389,950	1,573,316,204	3,942,528,751

2024	FULL RATE	INCAPABLE GAS RATE	OTHER RATES	TAXED VOLUME
January	173,371,152	8,976,575	146,925,697	329,273,425
February	11,876,184	1,627,333	11,250,459	24,753,977
March	108,949,694	7,961,448	132,694,021	249,605,163
April	183,455,402	7,747,883	206,029,117	397,232,402
May	165,484,647	6,778,139	145,309,475	317,572,261
June	136,345,878	6,855,120	204,833,169	348,034,167
July	118,874,353	8,295,485	122,188,849	249,358,687
August	93,186,678	8,288,982	128,751,206	230,226,866
September	31,085,710	9,287,670	185,349,480	225,722,860
October	-208,881,535	14,299,465	228,395,202	33,813,132
November	92,508,508	7,834,608	140,646,934	240,990,050
December	-27,527,311	8,746,590	285,059,466	266,278,745
Totals	878,729,360	96,699,298	1,937,433,077	2,912,861,735

e – Estimated, r – Revised, p – Preliminary

TABLE 15 – UNITED STATES OCS GAS PRODUCTION

*Natural Gas and Casinghead Gas
(MCF at 15.025 psia and 60 degrees Fahrenheit)*

YEAR	CENTRAL GOM	WESTERN GOM	PACIFIC	TOTAL
2003	3,498,876,681	930,004,249	58,095,000	4,486,976,000
2004	3,048,397,242	957,120,117	54,655,000	4,060,172,288
2005	2,393,359,338	762,118,570	54,088,000	3,209,565,952
2006	2,272,418,253	649,372,254	40,407,000	2,962,197,504
2007	2,292,134,891	520,160,276	45,516,000	2,857,811,200
2008	1,930,256,294	399,312,145	44,902,000	2,374,470,400
2009	2,084,864,321	365,965,839	41,229,000	2,492,059,136
2010	1,943,790,575	304,430,417	41,200,000	2,289,421,056
2011	1,574,128,298	252,174,238	36,579,000	1,862,881,536
2012	1,317,640,670	217,899,428	27,262,000	1,562,802,048
2013	1,153,084,554	175,066,071	27,454,000	1,355,604,608
2014	1,137,536,820	139,068,210	14,515,000	1,291,120,000
2015	1,170,198,612	137,549,492	14,748,000	1,322,496,128
2016	1,101,752,256	117,636,518	4,499,000	1,223,887,744
2017	984,948,868	92,589,029	3,950,000	1,081,487,872
2018	916,978,425	76,133,636	3,428,000	996,540,032
2019	961,180,030	72,656,353	2,876,000	1,036,712,384
2020	760,168,419	46,303,273	2,708,000	809,179,712
2021	742,231,495	50,057,978	2,732,000	795,021,504
2022	729,724,739	54,658,017	2,450,000	786,832,768
2023	703,669,910	45,996,340	2,884,000	752,550,272
2024	642,990,566	39,507,766	2,795,000 e	682,498,304

e – Estimated, r – Revised, p – Preliminary

TABLE 16 – UNITED STATES NATURAL GAS AND CASINGHEAD GAS PRODUCTION*(Billion Cubic Feet (BCF) at 15.025 psia and 60 degrees Fahrenheit)*

YEAR	GROSS	MARKETED	DRY	GROSS IMPORTS
2016	32,592	28,400	26,592	3,006
2017	33,291	29,238	27,341	3,033
2018	37,325	33,009	30,774	2,889
2019	40,781	36,447	33,898	2,742
2020	40,730	36,521	33,811	2,551
2021	41,678	37,338	34,530	2,808
2022	43,702	39,330	36,256	3,024

2023	GROSS	MARKETED	DRY	GROSS IMPORTS
January	3,840	3,447	3,163	275
February	3,459	3,105	2,850	244
March	3,859	3,486	3,200	250
April	3,719	3,344	3,069	220
May	3,871	3,496	3,208	216
June	3,726	3,371	3,094	232
July	3,821	3,490	3,204	256
August	3,832	3,515	3,226	246
September	3,744	3,405	3,125	230
October	3,890	3,515	3,226	231
November	3,822	3,450	3,166	251
December	3,968	3,565	3,272	277
Totals	45,551	41,189	37,803	2,928

2024	GROSS	MARKETED	DRY	GROSS IMPORTS
January	3,872	3,478	3,208	323
February	3,723	3,348	3,071	258
March	3,880	3,486	3,181	243
April	3,716	3,352	3,050	222
May	3,834	3,461	3,147	238
June	3,731	3,386	3,083	247
July	3,890	3,536	3,228	271
August	3,850	3,508	3,195	261
September	3,705	3,363	3,054	247
October	3,889	3,513	3,189	254
November	3,786	3,404	3,090	270
December	3,991	3,590	3,273	309
Totals	45,867	41,425	37,769	3,145

TABLE 17 – LOUISIANA AVERAGE CRUDE OIL PRICES*(Dollars per Barrels)*

YEAR	SPOT MARKET	REFINERY POSTED	STATE	OCS GULF	SEVERANCE TAX	STATE ROYALTY
2016	44.86	38.40	41.25	38.46	38.44	40.23
2017	54.10	51.35	50.44	48.50	49.59	50.33
2018	69.69	66.06	66.56	65.92	64.86	66.70
2018	62.49	60.12	59.43	59.41	61.22	60.04
2019	38.72	39.69	38.04	38.10	39.99	37.52
2020	69.46	67.81	66.83	65.80	61.28	66.21
2021	52.36	43.99	48.38	47.96	55.93	48.60
2022	96.62	94.94	95.10	93.23	89.04	95.06

2023	SPOT MARKET	REFINERY POSTED	STATE	OCS GULF	SEVERANCE TAX	STATE ROYALTY
January	80.76	75.74	76.80	73.73	72.84	75.14
February	80.37	74.97	75.59	73.62	93.21	74.40
March	76.08	73.46	73.41	73.07	76.06	73.38
April	81.31	78.14	79.05	77.11	77.82	79.16
May	73.62	72.30	70.75	73.17	33.29	71.01
June	72.55	70.96	69.59	70.45	124.80	69.54
July	79.01	75.88	75.10	73.88	69.79	74.91
August	84.04	81.24	80.85	79.77	67.07	80.30
September	91.60	88.85	89.38	87.37	81.71	89.67
October	87.61	86.81	85.56	86.33	77.31	84.96
November	80.13	80.47	78.31	80.91	99.37	79.73
December	75.00	73.76	71.93	74.48	88.14	71.94
Average	80.17	77.72	77.19	76.99	72.14	77.01

2024	SPOT MARKET	REFINERY POSTED	STATE	OCS GULF	SEVERANCE TAX	STATE ROYALTY
January	76.48	74.29	73.50	73.87	75.65 e	73.42
February	79.48	77.04	76.05	75.51	77.27 e	75.74
March	83.36	80.51	80.26	78.71	78.18 e	79.53
April	87.61	84.61	84.77	82.94	80.52 e	84.74
May	81.48	81.01	79.11	81.67	81.33 e	79.22
June	81.59	79.77	78.71	79.67	77.64 e	78.62
July	83.02	80.41	80.67	80.15	81.05 e	80.11
August	77.33	77.31	76.27	77.93	80.99 e	75.44
September	71.52	71.27	69.55	71.19	72.73 e	68.40
October	73.66	71.68	71.79	70.52	70.66 e	70.59
November	71.54	70.64	69.43	69.37	69.66 e	69.99
December	72.39	70.25	69.08	68.92	67.03 e	68.30
Average	78.29	76.57	75.77	75.87	76.06	75.34

TABLE 18 – UNITED STATES AVERAGE CRUDE OIL PRICES*(Dollars per Barrels)*

YEAR	REFINERY DOMESTIC	REFINERY IMPORT	DOMESTIC WELLHEAD	IMPORTS LANDED	IMPORTS FOB	IMPORTS OPEC FOB
2016	42.41	38.75	38.29	38.56	36.37	38.51
2017	52.05	49.12	48.05	48.50	45.58	49.55
2018	67.05	60.95	61.40	58.89	56.31	65.61
2019	60.31	57.94	55.59	56.60	54.27	62.11
2020	41.23	37.41	36.86	36.42	33.66	38.34
2021	69.07	65.85	65.84	65.05	62.04	69.18
2022	97.45	91.83	93.97	89.62	85.98	99.69

2023	REFINERY DOMESTIC	REFINERY IMPORT	DOMESTIC WELLHEAD	IMPORTS LANDED	IMPORTS FOB	IMPORTS OPEC FOB
January	79.23	70.32	75.71	67.35	62.82	81.58
February	78.34	69.67	74.32	65.40	60.58	78.39
March	75.84	68.53	72.09	66.32	62.79	85.82
April	80.51	75.23	77.23	71.15	68.95	81.50
May	74.20	70.05	70.14	68.58	63.68	77.38
June	72.50	69.58	68.59	69.36	63.82	78.44
July	77.41	74.83	74.07	73.92	69.71	80.45
August	82.22	81.10	79.78	78.57	75.82	88.21
September	90.76	87.14	87.96	83.09	79.77	89.30
October	88.68	83.21	84.65	79.90	76.04	84.87
November	82.10	76.42	77.46	73.50	69.33	83.60
December	75.31	68.09	71.01	65.95	60.13	80.19
Average	79.71	74.53	76.10	71.82	67.65	82.32

2024	REFINERY DOMESTIC	REFINERY IMPORT	DOMESTIC WELLHEAD	IMPORTS LANDED	IMPORTS FOB	IMPORTS OPEC FOB
January	75.89	69.37	72.26	66.46	62.58	
February	78.19	73.00	74.96	72.90	67.87	77.03
March	82.16	75.99	78.97	73.39	70.54	83.20
April	86.30	81.93	83.15	78.89	75.76	82.72
May	82.24	78.34	78.16	76.18	71.89	79.97
June	81.28	78.85	77.45	75.95	73.02	83.04
July	82.22	79.51	79.07	76.83	72.20	78.50
August	79.08	74.75	74.97	72.86	69.38	81.14
September	72.96	69.77	68.70	67.61	63.80	70.59
October	73.70	70.77	70.39	67.95	65.17	71.44
November	72.01	69.13	68.19	67.23	63.37	71.65
December	71.62	68.28	68.12	66.71	63.96	71.07
Average	78.06	74.28	74.46	71.91	68.48	78.12

TABLE 19 – LOUISIANA NATURAL GAS WELLHEAD PRICES (MCF)*(Dollars/Thousand Cubic Feet)*

YEAR	GOM FEDERAL OCS	DNR STATE ROYALTY	SETTLED NYMEX	HENRY HUB CASH SPOT	SPOT LOW	SPOT HIGH	SPOT AVERAGE
2016	2.26	2.37	2.56	2.59	2.21	2.74	2.49
2017	2.96	2.91	3.18	3.18	2.76	3.28	2.94
2018	3.08	3.06	3.21	3.26	2.77	3.48	3.21
2019	N/A	2.27	2.73	2.63	2.57	3.04	2.73
2020	N/A	1.69	2.08	2.08	2.09	2.23	2.16
2021	N/A	2.63	4.00	4.11	3.47	6.01	4.04
2022	N/A	3.88	6.92	6.64	5.56	7.91	6.64

2023	GOM FEDERAL OCS	DNR STATE ROYALTY	SETTLED NYMEX	HENRY HUB CASH SPOT	SPOT LOW	SPOT HIGH	SPOT AVERAGE
January	N/A	3.79	4.90	3.36	2.79	3.96	3.31
February	N/A	2.56	3.23	2.46	2.16	2.77	2.42
March	N/A	2.21	2.55	2.42	2.01	2.79	2.36
April	N/A	1.87	2.07	2.25	1.94	2.31	2.19
May	N/A	1.88	2.20	2.24	1.92	2.49	2.16
June	N/A	1.96	2.27	2.28	1.79	2.81	2.27
July	N/A	2.41	2.71	2.66	2.53	2.78	2.64
August	N/A	2.27	2.59	2.69	2.53	3.03	2.66
September	N/A	2.37	2.66	2.76	2.55	2.92	2.65
October	N/A	2.50	2.87	3.09	2.77	3.45	2.90
November	N/A	2.72	3.29	2.88	2.12	3.32	2.68
December	N/A	2.44	2.81	2.63	2.42	2.84	2.55
Average	N/A	2.42	2.85	2.64	2.29	2.95	2.57

2024	GOM FEDERAL OCS	DNR STATE ROYALTY	SETTLED NYMEX	HENRY HUB CASH SPOT	SPOT LOW	SPOT HIGH	SPOT AVERAGE
January	N/A	3.11	2.72	3.41	2.25	13.60	3.35
February	N/A	2.16	2.59	1.79	1.57	2.23	1.80
March	N/A	1.52	1.68	1.54	1.29	1.73	1.55
April	N/A	1.47	1.64	1.68	1.39	1.96	1.65
May	N/A	1.70	1.68	2.18	1.70	2.71	2.22
June	N/A	2.34	2.59	2.66	2.31	2.91	2.63
July	N/A	2.34	2.73	2.20	1.87	2.30	2.15
August	N/A	1.78	1.98	2.07	1.89	2.26	2.06
September	N/A	1.85	2.01	2.35	2.07	2.77	2.37
October	N/A	1.66	2.69	2.31	1.79	2.87	2.29
November	N/A	1.48	2.44	2.36	1.28	3.48	2.19
December	N/A	2.24	3.57	3.13	2.94	3.54	3.14
Average	N/A	1.97	2.36	2.31	1.86	3.53	2.28

TABLE 19A – LOUISIANA NATURAL GAS WELLHEAD PRICES (MCF)*(Dollars/MMBTU)*

YEAR	GOM FEDERAL OCS	DNR STATE ROYALTY	SETTLED NYMEX	HENRY HUB CASH SPOT	SPOT LOW	SPOT HIGH	SPOT AVERAGE
2016	2.26	2.28	2.46	2.49	2.13	2.63	2.39
2017	2.85	2.80	3.06	2.99	2.66	3.16	2.91
2018	2.96	2.94	3.09	3.16	2.66	3.34	3.09
2019	N/A	2.33	2.63	2.52	2.47	2.92	2.63
2020	N/A	2.33	2.00	2.00	2.01	2.14	2.08
2021	N/A	3.55	3.84	3.95	3.34	5.78	3.88
2022	N/A	3.73	6.65	6.38	5.35	7.61	6.39

2023	GOM FEDERAL OCS	DNR STATE ROYALTY	SETTLED NYMEX	HENRY HUB CASH SPOT	SPOT LOW	SPOT HIGH	SPOT AVERAGE
January	N/A	3.65	4.71	3.23	2.68	3.81	3.18
February	N/A	2.46	3.11	2.37	2.08	2.66	2.33
March	N/A	2.13	2.45	2.33	1.93	2.68	2.27
April	N/A	1.80	1.99	2.16	1.87	2.22	2.11
May	N/A	1.81	2.12	2.15	1.85	2.39	2.08
June	N/A	1.89	2.18	2.19	1.72	2.70	2.18
July	N/A	2.31	2.60	2.56	2.43	2.67	2.54
August	N/A	2.19	2.49	2.59	2.43	2.91	2.56
September	N/A	2.28	2.56	2.65	2.45	2.81	2.55
October	N/A	2.40	2.76	2.97	2.66	3.32	2.79
November	N/A	2.61	3.16	2.77	2.04	3.19	2.58
December	N/A	2.35	2.71	2.53	2.33	2.73	2.45
Average	N/A	2.32	2.74	2.54	2.21	2.84	2.47

2024	GOM FEDERAL OCS	DNR STATE ROYALTY	SETTLED NYMEX	HENRY HUB CASH SPOT	SPOT LOW	SPOT HIGH	SPOT AVERAGE
January	N/A	2.99	2.62	3.28	2.16	13.08	3.22
February	N/A	2.08	2.49	1.72	1.51	2.14	1.73
March	N/A	1.46	1.62	1.48	1.24	1.66	1.49
April	N/A	1.41	1.58	1.62	1.34	1.88	1.59
May	N/A	1.63	1.61	2.10	1.63	2.61	2.13
June	N/A	2.25	2.49	2.56	2.22	2.80	2.53
July	N/A	2.25	2.63	2.12	1.80	2.21	2.07
August	N/A	1.71	1.91	1.99	1.82	2.17	1.98
September	N/A	1.78	1.93	2.26	1.99	2.66	2.28
October	N/A	2.26	2.59	2.22	1.72	2.76	2.20
November	N/A	2.13	2.35	2.27	1.23	3.35	2.11
December	N/A	3.15	3.43	3.01	2.83	3.40	3.02
Average	N/A	2.09	2.27	2.22	1.79	3.39	2.20

TABLE 20 – LOUISIANA AVERAGE NATURAL GAS PRICES DELIVERED TO CONSUMER (MCF)*(Dollars/Thousand Cubic Feet)*

YEAR	CITY GATES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
2016	3.65	13.06	7.94	3.12
2017	3.99	14.31	8.82	3.75
2018	3.93	13.62	8.49	3.45
2019	3.57	13.37	8.37	3.38
2020	2.82	13.59	8.28	2.64
2021	2.82	13.59	8.28	2.64
2022	5.76	19.38	13.76	6.90

2023	CITY GATES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
January	5.64	15.15	13.25	6.84
February	5.16	14.16	12.42	4.20
March	4.23	13.86	9.82	3.28
April	4.67	16.34	11.34	2.80
May	3.13	17.90	9.55	2.87
June	2.71	19.66	9.73	2.61
July	3.17	21.68	9.89	3.45
August	N/A	23.44	10.10	N/A
September	N/A	23.11	10.11	N/A
October	4.00	20.92	10.75	3.73
November	4.31	16.01	11.28	3.86
December	3.97	14.09	11.50	3.64
Average	4.10	18.03	10.81	3.73

2024	CITY GATES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
January	4.35	11.87	11.54	3.59
February	4.10	13.24	11.19	3.76
March	3.73	15.50	10.90	2.60
April	2.70	18.59	10.12	2.47
May	3.09	19.48	9.78	2.43
June	3.73	22.41	10.66	3.16
July	3.73	24.39	11.21	3.27
August	3.23	24.22	10.59	2.83
September	3.48	23.73	10.80	3.17
October	3.96	22.99	11.30	3.70
November	4.67	20.96	11.86	3.39
December	4.57	16.36	12.78	4.35
Average	3.78	19.48	11.06	3.23

TABLE 20A – LOUISIANA AVERAGE NATURAL GAS PRICES DELIVERED TO CONSUMER (MMBTU)*(Dollars/MMBTU)*

YEAR	CITY GATES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
2016	3.51	12.56	7.63	3.00
2017	3.83	13.76	8.48	3.60
2018	3.78	13.10	8.16	3.32
2019	3.43	12.85	8.05	3.25
2020	2.71	13.36	7.67	2.60
2021	3.91	14.72	8.51	3.91
2022	5.54	18.63	13.23	6.72

2023	CITY GATES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
January	5.42	14.57	12.74	6.58
February	4.96	13.62	11.94	4.04
March	4.07	13.33	9.44	3.15
April	4.49	15.71	10.90	2.69
May	3.01	17.21	9.18	2.76
June	2.61	18.90	9.36	2.51
July	3.05	20.85	9.51	3.32
August	N/A	22.54	9.71	N/A
September	N/A	22.22	9.72	N/A
October	3.85	20.12	10.34	3.59
November	4.14	15.39	10.85	3.71
December	3.82	13.55	11.06	3.50
Average	3.94	17.33	10.40	3.58

2024	CITY GATES	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
January	4.18	11.41	11.10	3.45
February	3.94	12.73	10.76	3.62
March	3.59	14.90	10.48	2.50
April	2.60	17.88	9.73	2.38
May	2.97	18.73	9.40	2.34
June	3.59	21.55	10.25	3.04
July	3.59	23.45	10.78	3.14
August	3.11	23.29	10.18	2.72
September	3.35	22.82	10.38	3.08
October	3.81	22.11	10.87	3.56
November	4.86	21.80	12.33	3.53
December	4.75	17.01	13.29	4.52
Average	3.69	18.97	10.80	3.16

TABLE 21 – UNITED STATES AVERAGE NATURAL GAS PRICES DELIVERED TO CONSUMER (MCF)*(Dollars/Thousand Cubic Feet)*

YEAR	SPOT MARKET	FOREIGN IMPORTS	CITY GATES	DELIVERED RESIDENTIAL	DELIVERED INDUSTRIAL
2016	2.39	2.34	3.86	12.17	3.51
2017	2.93	2.69	4.29	12.97	4.08
2018	3.11	2.81	4.30	12.82	4.17
2019	2.44	2.59	3.86	12.69	3.84
2020	1.87	2.09	3.56	12.63	3.29
2021	4.33	3.74	5.73	14.82	5.50
2022	8.03	6.28	7.69	17.97	7.98

2023	SPOT MARKET	FOREIGN IMPORTS	CITY GATES	DELIVERED RESIDENTIAL	DELIVERED INDUSTRIAL
January	7.38	8.49	7.11	15.28	7.40
February	5.51	5.17	6.55	14.98	5.98
March	4.17	3.28	5.28	13.75	4.91
April	3.02	2.51	4.33	14.41	4.08
May	2.19	2.01	4.17	16.70	3.59
June	2.37	2.02	4.67	20.11	3.60
July	3.36	2.44	5.04	21.98	3.93
August	3.18	2.52	4.79	23.23	3.78
September	2.62	2.28	5.03	21.86	3.90
October	2.49	2.36	4.16	16.70	4.13
November	2.77	3.02	4.36	13.37	4.40
December	2.41	2.80	4.39	12.94	4.58
Average	3.46	3.24	4.99	17.11	4.52

2024	SPOT MARKET	FOREIGN IMPORTS	CITY GATES	DELIVERED RESIDENTIAL	DELIVERED INDUSTRIAL
January	5.66	4.59	4.76	11.82	4.96
February	2.10	2.44	4.52	13.25	4.71
March	1.63	1.72	4.05	13.85	3.71
April	1.59	1.36	3.43	14.93	3.35
May	1.91	1.33	3.69	18.03	3.10
June	2.32	1.45	4.39	21.09	3.62
July	2.28	1.47	4.56	22.98	3.54
August	1.97	1.29	4.21	23.46	3.10
September	2.12	1.35	4.20	22.73	3.28
October	2.32	1.60	4.08	18.56	3.84
November	2.56	1.92	3.99	14.91	3.92
December	4.12	3.13	4.40	12.98	5.05
Average	2.55	1.97	4.19	17.38	3.85

TABLE 21A – UNTIED STATES AVERAGE NATURAL GAS PRICES DELIVERED TO CONSUMER (MMBTU)
(Dollars/MMBTU)

YEAR	CITY GATES	RESIDENTIAL	COMMERCIAL	RESIDENTIAL	INDUSTRIAL
2016	2.78	2.61	4.20	13.11	4.01
2017	2.99	2.70	4.13	12.32	4.01
2018	2.35	2.49	3.71	12.20	3.70
2019	1.80	2.01	3.42	12.15	3.16
2020	4.17	3.67	5.51	14.32	5.29
2021	2.39	2.34	3.86	12.17	3.51
2022	2.39	2.34	3.86	12.17	3.51

2023	CITY GATES	RESIDENTIAL	COMMERCIAL	RESIDENTIAL	INDUSTRIAL
January	7.10	8.16	6.84	14.69	7.12
February	5.30	4.97	6.30	14.40	5.75
March	4.01	3.15	5.08	13.22	4.72
April	2.90	2.41	4.16	13.86	3.92
May	2.11	1.93	4.01	16.06	3.45
June	2.28	1.94	4.49	19.34	3.46
July	3.23	2.35	4.85	21.13	3.78
August	3.06	2.42	4.61	22.34	3.63
September	2.52	2.19	4.84	21.02	3.75
October	2.39	2.27	4.00	16.06	3.97
November	2.67	2.90	4.19	12.86	4.23
December	2.32	2.69	4.22	12.44	4.40
Average	3.32	3.12	4.80	16.45	4.35

2024	CITY GATES	RESIDENTIAL	COMMERCIAL	RESIDENTIAL	INDUSTRIAL
January	5.44	4.41	4.58	11.37	4.77
February	2.02	2.35	4.35	12.74	4.53
March	1.57	1.65	3.89	13.32	3.57
April	1.53	1.31	3.30	14.36	3.22
May	1.84	1.28	3.55	17.34	2.98
June	2.23	1.39	4.22	20.28	3.48
July	2.19	1.41	4.38	22.10	3.40
August	1.89	1.24	4.05	22.56	2.98
September	2.04	1.30	4.04	21.86	3.15
October	2.23	1.54	3.92	17.85	3.69
November	2.46	2.00	4.15	15.51	4.08
December	3.96	3.26	4.58	13.50	5.25
Average	2.45	1.93	4.08	16.90	3.76

TABLE 22 – LOUISIANA STATE OIL AND GAS DRILLING PERMITS ISSUED BY TYPE

Excluding OCS

YEAR	DEVELOPMENTAL	+ WILDCATS	TOTAL	OFFSHORE	+ ONSHORE
2016	459	16	475	0	475
2017	755	7	762	1	761
2018	783	8	791	1	790
2019	644	8	652	8	644
2020	439	4	442	1	441
2021	559	4	533	1	562
2022	800	5	805	3	802

2023	DEVELOPMENTAL	+ WILDCATS	TOTAL	OFFSHORE	+ ONSHORE
January	44	0	44	0	44
February	37	0	37	0	37
March	57	0	57	1	56
April	34	1	35	0	35
May	52	0	52	0	52
June	42	1	43	0	43
July	51	0	51	1	50
August	32	1	33	0	33
September	52	1	53	0	53
October	39	0	39	1	38
November	54	0	54	0	54
December	28	1	29	0	29
Totals	522	5	527	3	524

2024	DEVELOPMENTAL	+ WILDCATS	TOTAL	OFFSHORE	+ ONSHORE
January	35	0	35	0	35
February	39	0	39	0	39
March	38	1	39	0	39
April	56	0	56	0	56
May	50	1	51	0	51
June	25	0	25	0	25
July	43	1	44	0	44
August	27	0	27	0	27
September	35	0	35	1	34
October	52	1	53	1	52
November	18	0	18	0	18
December	26	0	26	0	26
Totals	444	4	448	2	446

e – Estimated, r – Revised, p – Preliminary

TABLE 23 – LOUISIANA AVERAGE RIGS RUNNING

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
2016	18	8	23	55
2017	37	6	19	31
2018	35	8	17	61
2019	35	6	22	62
2020	25	2	14	40
2021	34	2	12	48
2022	45	6	14	66

2023	NORTH	SOUTH	OFFSHORE	TOTAL
January	46	5	16	67
February	45	4	15	64
March	42	6	15	63
April	39	8	17	64
May	33	5	19	58
June	28	3	18	58
July	28	4	19	50
August	26	4	18	47
September	23	4	16	44
October	23	4	16	44
November	22	5	20	51
December	26	4	18	48
Totals	32	5	18	54

2024	NORTH	SOUTH	OFFSHORE	TOTAL
January	28	5	15	48
February	30	5	14	49
March	28	4	17	48
April	24	4	15	42
May	23	3	17	44
June	23	4	17	44
July	24	5	18	47
August	24	4	15	44
September	24	4	16	44
October	23	4	14	40
November	20	3	11	34
December	19	1	10	30
Totals	24	4	15	43

e – Estimated, r – Revised, p – Preliminary

TABLE 24 – LOUISIANA STATE PRODUCING CRUDE OIL WELLS*Excluding OCS*

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
1994	15,904	4,682	805	21,392
1995	15,260	4,451	769	20,479
1996	15,148	4,295	719	20,163
1997	14,573	4,165	619	20,358
1998	13,975	3,962	546	18,484
1999	13,747	3,971	546	18,264
2000	16,795	3,914	408	21,117
2001	16,494	4,257	393	21,144
2002	16,531	4,071	423	21,026
2003	16,516	3,583	467	20,566
2004	16,148	3,485	462	20,095
2005	17,153	3,648	317	21,117
2006	17,072	3,615	241	20,928
2007	16,994	3,711	262	20,966
2008	N/A	N/A	N/A	21,146
2009	N/A	N/A	N/A	20,852
2010	N/A	N/A	N/A	20,007
2011	14,333	4,045	411	18,789
2012	14,217	4,275	436	18,928
2013	16,691	3,646	240	20,577
2014	12,557	3,156	228	16,941
2015	13,007	4,151	447	17,605
2016	12,908	3,743	477	17,128
2017	12,433	3,490	407	16,330
2018*	19,187	7,967	634	27,788
2019*	19,006	7,784	656	27,446
2020*	18,865	7,676	630	27,171
2021*	18,753	7,565	631	26,949
2022*	18,624	7,530	633	26,787
2023*	18,384	7,316	633	26,333
2024e	18,157	7,129	629	25,915

e – Estimated, r – Revised, p – Preliminary

TABLE 25 – LOUISIANA STATE PRODUCING NATURAL GAS WELLS*Excluding OCS*

YEAR	NORTH	SOUTH	OFFSHORE	TOTAL
1998	10,579	1,995	259	12,833
1999	10,581	2,010	262	12,853
2000	13,704	3,194	333	17,231
2001	13,054	3,369	311	16,734
2002	13,438	3,309	344	17,092
2003	13,607	2,952	384	16,944
2004	13,924	3,005	398	17,327
2005	13,996	2,977	258	17,231
2006	14,478	3,066	204	17,748
2007	14,707	3,211	227	18,145
2008	N/A	N/A	N/A	18,984
2009	N/A	N/A	N/A	19,009
2010	N/A	N/A	N/A	19,384
2011	18,542	1,851	159	20,552
2012	19,125	1,734	144	21,003
2013	18,184	1,295	104	19,583
2014	16,114	1,003	72	17,189
2015	19,273	1,424	87	20,784
2016	18,929	1,116	54	20,099
2017	19,054	989	53	20,096
2018	19,599	2,940	19	20,624
2019	15,808	2,810	32	16,467
2020	20,360	2,652	170	23,182
2021	20,555	2,549	170	23,274
2022	20,643	2,496	162	23,301
2023	20,790	2,331	164	23,285
2024	20,721	2,257	161	23,139

e – Estimated, r – Revised, p – Preliminary

TABLE 26 – LOUISIANA STATE WELL COMPLETION BY TYPE AND REGION*Excluding OCS*

YEAR - OIL	NORTH	SOUTH	OFFSHORE	TOTAL
2012	422	258	1	683
2013	267	123	2	393
2014	225	126	6	360
2015	39	194	9	252
2016	17	36	0	53
2017	22	30	0	54
2018	80	66	0	146
2019	52	23	0	77
2020	32	17	0	52
2021	26	30	0	56
2022	79	29	1	111
2023	39	22	1	63
2024e	36	21	3	60

YEAR - GAS	NORTH	SOUTH	OFFSHORE	TOTAL
2012	203	54	1	258
2013	55	28	2	85
2014	303	66	6	375
2015	307	172	9	488
2016	213	31	0	244
2017	268	20	0	288
2018	267	33	0	300
2019	106	7	0	113
2020	271	5	0	276
2021	318	6	0	324
2022	421	20	1	442
2023	110	5	1	116
2024 e	147	8	0	155

**TABLE 27 – LOUISIANA STATE MINERAL BONUS, RENTAL AND ROYALTY OVERRIDE REVENUES,
EXCLUDING OCS**

(Million Dollars)

YEAR	BONUSES	OVERRIDE ROYALTY	RENTALS	TOTAL
2016	1.62	5.73	2.98	10.33
2017	2.99	1.16	1.41	5.57
2018	9.14	2.10	1.28	12.52
2019	7.47	-0.58	4.32	11.21
2020	4.77	1.88	3.22	9.87
2021	5.81	1.20	2.57	9.58
2022	10.14	4.62	2.49	17.25

2023	BONUSES	OVERRIDE ROYALTY	RENTALS	TOTAL
January	0.10	-0.15	0.56	0.51
February	0.51	0.38	0.00	0.90
March	0.00	1.13	0.11	1.24
April	0.26	0.20	0.09	0.54
May	0.05	0.12	0.17	0.33
June	0.00	0.15	0.10	0.25
July	0.23	0.18	0.83	1.24
August	0.04	0.20	0.50	0.73
September	8.61	-0.38	0.63	8.86
October	0.00	0.34	0.00	0.34
November	0.67	0.12	0.05	0.85
December	0.00	0.15	0.05	0.20
Totals	10.46	2.44	3.09	16.00

2024	BONUSES	OVERRIDE ROYALTY	RENTALS	TOTAL
January	2.43	1.39	0.50	4.32
February	0.36	2.24	0.23	2.83
March	0.90	0.43	0.00	1.34
April	0.27	0.24	0.00	0.51
May	0.29	0.23	0.01	0.53
June	0.70	0.23	0.08	1.01
July	0.06	0.15	0.05	0.26
August	0.14	0.16	0.43	0.73
September	0.00	0.54	0.00	0.54
October	0.37	-0.95	0.19	-0.39

November	0.23	0.46	0.37	1.06
December	0.15	0.11	0.67	0.93
Totals	5.90	5.26	2.52	13.67

e – Estimated, r – Revised, p – Preliminary

TABLE 28 – LOUISIANA STATE MINERAL ROYALTY REVENUE

*Excluding OCS
(Million Dollars)*

YEAR	OIL	GAS	PLANT LIQUIDS	TOTAL
2016	104.70	62.67	6.80	174.17
2017	110.12	61.86	7.74	179.72
2018	144.25	57.25	9.16	210.67
2019	128.29	47.65	5.51	181.45
2020	58.72	30.14	2.38	91.25
2021	85.13	65.62	5.46	156.22
2022	140.17	130.91	6.83	277.91

2023	OIL	GAS	PLANT LIQUIDS	TOTAL
January	9.20	7.68	0.27	17.15
February	8.16	4.88	0.21	13.25
March	8.62	4.23	0.20	13.05
April	8.87	3.31	0.19	12.38
May	8.31	3.51	0.16	11.98
June	7.97	3.32	0.14	11.44
July	8.34	4.23	0.26	12.83
August	9.48	3.92	0.10	13.50
September	9.90	3.91	0.21	14.01
October p	9.28	3.93	0.18	13.39
November p	8.50	3.45	0.17	12.12
December p	8.56	3.34	0.19	12.09
Totals p	105.18	49.71	2.29	157.18

2024	OIL	GAS	PLANT LIQUIDS	TOTAL
January	8.73	6.27	0.19	15.19
February	8.00	4.23	0.19	12.42
March	8.74	2.94	0.18	11.86
April	9.46	2.59	0.20	12.25
May	8.84	2.78	0.21	11.83
June	8.06	3.76	0.18	12.00
July	8.50	3.86	0.16	12.52
August	7.67	3.31	0.15	11.13
September	5.53	3.10	0.10	8.73

October	6.79	3.82	0.17	10.78
November	6.17	3.47	0.16	9.80
December	6.37	4.56	0.16	11.09
Totals	92.85	44.68	2.05	139.58

e – Estimated, r – Revised, p – Preliminary

TABLE 29 – LOUISIANA STATE MINERAL SEVERANCE TAX REVENUE

*Excluding OCS
(Million Dollars)*

YEAR	OIL	GAS	OTHER MINERALS	TOTAL
2016	238.26	125.61	1.45	365.31
2017	266.41	109.52	1.09	377.02
2018	328.30	153.28	3.55	485.12
2019	285.14	177.71	15.45	478.30
2020	164.74	150.87	11.54	327.59
2021	214.66	120.67	13.84	349.17
2022	350.18	337.42	14.52	702.11

2023	OIL	GAS	OTHER MINERALS	TOTAL
January	27.51	36.37	1.50	65.38
February	29.11	47.87	0.83	77.81
March	24.51	57.36	1.26	83.13
April	21.39	41.41	0.93	63.73
May	9.29	39.78	1.28	50.35
June	37.21	47.57	1.28	86.06
July	21.73	39.50	1.43	62.66
August	20.05	37.29	1.32	58.66
September	21.09	53.63	1.09	75.81
October	23.44	45.13	1.32	69.89
November	22.25	49.42	1.23	72.90
December	25.61	55.11	1.51	82.24
Totals	283.19	550.43	14.99	848.61

2024	OIL	GAS	OTHER MINERALS	TOTAL
January	20.93	48.93	1.10	70.97
February	20.52	52.17	1.46	74.15
March	20.41	35.60	0.77	56.77
April	19.67	58.11	1.30	79.08
May	25.43	39.76	1.38	66.57
June	22.95	37.68	1.50	62.13
July	22.06	40.38	0.81	63.25
August	21.31	32.42	1.28	55.01

September	22.02	4.91	1.26	28.19
October	19.85	-8.24	1.14	12.75
November	17.02	9.07	1.25	27.34
December	18.89	-10.74	0.98	9.13
Totals	251.07	340.06	14.22	605.34

e – Estimated, r – Revised, p – Preliminary

TABLE 30 – STATE REVENUE FROM LOUISIANA'S OUTER CONTINENTAL SHELF
(Dollars)

YEAR	8g DISBURSMENTS	GOMESA DISBURSMENTS	TOTAL
1994	20,591,546.00	.	20,591,546.00
1995	15,037,933.00	.	15,037,933.00
1996	23,122,240.00	.	23,122,240.00
1997	26,631,194.00	.	26,631,194.00
1998	20,179,017.00	.	20,179,016.00
1999	15,283,917.00	.	15,283,917.00
2000	22,680,876.00	.	22,680,876.00
2001	40,641,785.00	.	40,641,784.00
2002	11,863,223.95	.	11,863,224.00
2003	29,564,244.00	.	29,564,244.00
2004	38,256,480.00	.	38,256,480.00
2005	30,900,446.00	.	30,900,446.00
2006	32,071,818.00	.	32,071,818.00
2007	23,088,706.00	.	23,088,706.00
2008	45,763,396.00	.	45,763,396.00
2009	22,317,230.00	7,934,151.28	30,251,382.00
2010	22,605,430.00	874,696.72	23,480,126.00
2011	20,687,372.00	278,406.62	20,965,778.00
2012	19,765,178.00	100,962.69	19,866,140.00
2013	24,533,076.00	95,813.57	24,628,890.00
2014	19,466,650.00	1,398,640.36	20,865,290.00
2015	11,925,900.36	819,019.89	12,744,920.00
2016	6,313,683.41	102,713.67	6,416,397.00
2017	7,554,499.40	321,562.70	7,876,062.00
2018	6,052,631.05	82,839,654.51	88,892,288.00
2019	3,736,426.44	94,728,188.72	98,464,616.00
2020	821,329.86	155,718,468.20	156,539,792.00

2021	989,954.51	109,948,763.86	110,938,720.00
2022	3,867,849.58	111,822,090.85	115,689,944.00
2023	3,791,185.10	156,161,553.36	159,952,736.00
2024	2,473,179.74	156,329,445.41	158,802,624.00

e – Estimated, r – Revised, p – Preliminary

TABLE 31 – LOUISIANA STATE TOTAL MINERAL REVENUE

*Excluding OCS
(Barrels)*

YEAR	FEDERAL OCS	FEDERAL ONSHORE	STATE BOUNDARIES	TOTAL
1994	20,591,546	532,000	560,371,998	581,495,544
1995	15,037,933	728,000	638,942,698	654,708,631
1996	23,122,240	943,209	770,137,601	794,203,050
1997	26,631,194	817,329	714,672,685	742,121,208
1998	20,179,017	996,000	532,755,940	553,930,957
1999	15,283,917	1,276,465	519,144,200	535,704,582
2000	22,680,876	1,024,730	839,883,694	863,589,300
2001	40,641,785	1,481,176	875,887,102	918,010,063
2002	11,891,587	730,156	725,323,377	737,945,120
2003	29,596,045	1,182,451	932,191,569	962,970,065
2004	38,256,482	1,364,965	1,055,838,962	1,095,460,408
2005	30,900,445	1,569,882	1,166,491,860	1,198,962,188
2006	32,071,817	1,170,670	1,395,971,977	1,429,214,465
2007	23,088,706	940,888	1,545,321,941	1,569,351,535
2008	45,763,396	3,703,240	2,162,918,035	2,212,384,671
2009	28,664,552	914,421	1,097,717,147	1,127,296,119
2010	23,305,188	3,123,211	1,256,220,286	1,282,648,686
2011	20,910,097	17,982,455	1,408,117,556	1,447,010,108
2012	19,845,947	6,914,439	1,436,769,322	1,463,529,708
2013	24,533,076	2,607,490	1,472,614,331	1,499,754,898
2014	20,586,591	3,417,220	1,371,527,259	1,395,531,070
2015	12,579,284	1,734,869	786,918,399	801,232,552
2016	6,395,879	904,498	427,201,887	434,502,264
2017	7,276,062	1,010,739	545,643,858	553,930,659
2018	88,892,287	2,153,238	673,588,850	764,634,374
2019	98,464,618	2,862,669	687,096,948	788,424,235
2020	156,539,799	2,548,753	423,072,424	582,160,976
2021	110,938,716	2,546,225	505,398,969	618,883,910

2022	115,689,944	3,185,976	975,060,985	1,093,936,905
2023	156,161,552	17,295,684	1,006,243,848	1,179,701,084
2024	158,802,623	4,672,168	735,120,549	898,595,340

e – Estimated, r – Revised, p – Preliminary

TABLE 32 – REVENUE TO FEDERAL GOVERNMENT COLLECTED FROM OIL AND GAS LEASES IN THE GULF OF MEXICO OUTER CONTINENTAL SHELF

*(Area beyond the state's 3-mile offshore boundary)
(Dollars)*

YEAR	BONUS PAYMENTS	RENTAL PAYMENTS	OTHER REVENUES	PRODUCTION ROYALTIES	TOTAL COLLECTION
2002	138,423,162	152,666,347	3,167,379	3,635,881,100	3,930,138,112
2003	1,300,277,632	263,883,184	35,631,647	4,382,265,621	5,982,057,984
2004	535,506,400	218,174,416	-16,552,839	4,639,708,725	5,376,836,608
2005	355,321,600	211,424,832	-2,909,474	5,432,149,998	5,995,986,944
2006	1,197,213,568	235,885,872	-48,834,680	6,537,811,632	7,922,076,160
2007	556,080,960	196,453,408	42,355,260	6,173,993,503	6,968,883,200
2008	6,495,946,240	236,456,480	78,348	7,287,950,528	14,020,431,872
2009	1,049,624,064	228,179,952	14,228,133	3,007,337,500	4,299,369,472
2010	876,933,376	224,581,392	11,492,582	5,118,211,365	6,231,218,688
2011	36,678,160	206,754,416	48,207,372	6,017,843,899	6,309,484,032
2012	2,006,549,376	230,855,440	42,573,725	5,638,851,850	7,918,830,592
2013	1,432,958,464	233,826,480	35,500,898	5,879,041,203	7,581,326,848
2014	939,137,536	225,753,504	21,449,260	5,942,393,617	7,128,733,696
2015	592,808,512	201,342,624	-7,678,940	3,251,053,813	4,037,526,016
2016	155,256,272	132,949,320	24,972,509	2,407,530,316	2,720,708,352
2017	373,691,040	111,128,640	32,656,554	3,261,901,861	3,779,378,176
2018	290,952,736	103,187,080	54,122,764	4,715,261,480	5,163,524,096
2019	307,546,208	106,975,960	14,946,981	4,851,905,566	5,281,374,720
2020	165,460,800	93,502,640	-14,052,453	2,715,794,833	2,960,705,792
2021	111,559,312	83,383,728	104,453,120	4,249,523,543	4,548,919,808
2022	186,317,664	90,113,440	82,417,024	7,070,729,130	7,429,577,216

2023	248,128,544	103,177,088	-10,324,325	6,409,611,178	6,750,592,512
2024	372,460,416	119,685,176	215,389	5,929,905,849	6,422,266,880

e – Estimated, r – Revised, p – Preliminary

TABLE 33 – LOUISIANA ESTIMATED CRUDE OIL PROVED RESERVES EXCLUDING LEASE CONDENSATE[†]
(Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
2000	97	310	122	2,751	3,280	22,045
2001	87	341	136	3,877	4,441	22,446
2002	75	335	91	4,088	4,589	22,677
2003	66	314	72	4,251	4,703	21,891
2004	58	304	65	3,919	4,346	21,371
2005	68	299	65	3,852	4,284	21,757
2006	68	312	48	3,500	3,928	20,972
2007	76	326	56	3,320	3,778	21,317
2008	60	277	51	3,388	3,776	19,121
2009	55	269	46	3,570	3,940	20,682
2010	104	274	46	3,914	4,338	23,267
2011	103	264	50	4,438	4,855	26,544
2012	100	300	63	4,504	4,967	30,529
2013	120	328	55	4,503	5,006	33,371
2014	118	349	67	4,244	4,778	36,385
2015	89	276	59	3,825	4,249	32,318
2016	71	283	54	3,678	4,086	32,773
2017	85	275	58	4,464	4,882	39,160
2018	84	260	68	4,765	5,177	43,824
2019	69	266	54	4,712	5,101	44,191
2020	53	234	30	4,075	4,392	35,835
2021	87	249	29	3,992	4,357	41,151

e – Estimated, r – Revised, p – Preliminary

†Data from 2022 is not included in the chart because it was unavailable at the time of publication

TABLE 34 – LOUISIANA ESTIMATED CRUDE OIL PROVED RESERVES EXCLUDING LEASE CONDENSATE†
(Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
2000	22	130	17	437	606	1,333
2001	27	141	19	325	512	1,398
2002	19	107	11	300	437	1,346
2003	19	82	11	251	363	1,215
2004	21	66	9	205	301	1,221
2005	23	72	9	228	332	1,218
2006	29	65	10	185	289	1,339
2007	31	69	11	180	291	1,415
2008	27	64	8	151	250	1,433
2009	26	74	10	134	244	1,633
2010	27	68	11	129	235	1,914
2011	33	64	11	129	237	2,406
2012	38	70	13	98	219	2,874
2013	39	68	12	88	207	3,149
2014	48	56	11	108	223	3,548
2015	46	59	5	122	232	2,912
2016	32	50	4	149	235	2,440
2017	45	48	5	155	253	2,830
2018	29	39	4	149	221	3,229
2019	23	32	5	222	282	2,916
2020	20	33	5	226	284	2,377
2021	16	29	4	242	291	3,267

e – Estimated, r – Revised, p – Preliminary

†Data from 2022 is not included in the chart because it was unavailable at the time of publication

TABLE 35 – LOUISIANA ESTIMATED DRY NATURAL GAS PROVED RESERVES[†]*(Billion Cubic Feet, at 14.73 psia and 60 degrees Fahrenheit)*

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
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
2005	6,695	3,334	418	13,665	24,112	204,385
2006	6,715	3,335	424	11,824	22,298	211,085
2007	6,344	3,323	378	11,090	21,135	237,726
2008	7,876	2,799	898	10,450	22,023	244,656
2009	17,146	2,844	701	9,362	30,053	272,509
2010	26,030	2,876	371	8,896	38,173	304,625
2011	27,337	2,519	502	8,156	38,514	334,067
2012	18,418	3,029	502	7,291	29,240	308,036
2013	17,044	2,718	402	6,482	26,646	328,264
2014	19,722	2,926	327	6,890	29,865	368,704
2015	13,593	2,279	225	5,909	22,006	307,730
2016	15,620	1,862	334	5,228	23,044	322,234
2017	33,805	2,092	222	5,372	41,491	438,460
2018	32,251	1,618	258	5,442	39,569	474,281
2019	34,863	1,279	355	4,935	41,432	465,405
2020	35,958	1,090	349	3,749	41,146	445,299
2021	38,599	1,084	176	3,677	43,536	589,236

*e – Estimated, r – Revised, p – Preliminary**†Data from 2022 is not included in the chart because it was unavailable at the time of publication*

TABLE 36 – LOUISIANA ESTIMATED NATURAL GAS PLANT LIQUIDS IN TOTAL NATURAL GAS PROVED RESERVES[†]
(Million Barrels)

YEAR	NORTH	SOUTH ONSHORE	SOUTH OFFSHORE	FEDERAL OCS	TOTAL LOUISIANA	TOTAL US
2001	35	128	41	460	664	6,595
2002	30	119	37	483	669	6,648
2003	48	100	35	347	530	6,244
2004	53	87	27	410	577	6,707
2005	57	103	31	407	598	6,903
2006	60	94	22	390	566	7,133
2007	69	97	25	365	556	7,648
2008	68	78	55	313	514	7,842
2009	98	90	43	301	532	8,557
2010	79	113	24	340	556	9,809
2011	54	94	44	354	546	10,825
2012	35	134	20	369	558	10,777
2013	52	144	16	292	504	11,943
2014	83	145	15	367	610	15,029
2015	75	127	16	292	510	12,757
2016	102	152	11	268	533	14,753
2017	176	90	15	355	636	19,243
2018	118	71	18	376	583	21,841
2019	79	219	33	355	686	21,650
2020	68	66	33	271	438	20,695
2021	54	89	33	289	465	26,183

e – Estimated, r – Revised, p – Preliminary

†Data from 2022 is not included in the chart because it was unavailable at the time of publication

TABLE 37 – LOUISIANA NONAGRICULTURAL EMPLOYMENT

YEAR	OIL & GAS PRODUCTION	CHEMICAL INDUSTRY	PETROLEUM MANUFACTURING	ALL PIPELINE	TOTAL
2016	34,329	25,528	11,785	2,707	1,908,803
2017	31,828	25,510	11,824	2,575	1,904,609
2018	34,205	26,246	12,030	2,460	1,917,918
2019	34,921	29,847	11,372	2,622	1,921,493
2020	29,074	26,906	11,314	2,596	1,779,533
2021	27,512	26,450	10,544	2,362	1,809,289
2022	28,957	27,096	10,552	2,515	1,851,796

2023	OIL & GAS PRODUCTION	CHEMICAL INDUSTRY	PETROLEUM MANUFACTURING	ALL PIPELINE	TOTAL
January	29,874	27,823	10,556	2,540	29,874
February	29,816	27,861	10,584	2,544	29,816
March	30,282	27,932	10,611	2,544	30,282
April	29,314	28,103	10,647	2,497	29,314
May	29,205	28,135	10,662	2,481	29,205
June	29,353	28,280	10,810	2,481	29,353
July	29,274	28,293	10,773	2,512	29,274
August	29,174	28,295	10,750	2,511	29,174
September	28,696	28,200	10,738	2,518	28,696
October	27,929	28,277	10,786	2,489	1911965
November	27,938	28,432	10,799	2,494	1916484
December	27,854	28,494	10,781	2,511	1914610
Totals	28,394	28,222	10,718	2,491	1893810

2024	OIL & GAS PRODUCTION	CHEMICAL INDUSTRY	PETROLEUM MANUFACTURING	ALL PIPELINE	TOTAL
January	27,644	28564	10788	2489	1892908
February	27,538	28564	10825	2481	1902923
March	27,412	28644	10802	2512	1909377
April	26,882	28651	10747	2519	1919647
May	26,595	28549	10788	2531	1928767
June	26,257	28774	10925	2535	1906817
July	26,557	28884	10930	2542	1900282
August	26,354	28877	10869	2539	1917709
September	25,762	28748	10782	2551	1908096
October	27,112	28,727	10,731	2,586	1,939,916
November	26,897	28,770	10,733	2,604	1,945,778
December	26,779	28,903	10,758	2,624	1,936,253
Totals	26,816	28,721	10,807	2,543	1,917,373

e – Estimated, r – Revised, p – Preliminary

TABLE 38 – LOUISIANA ENERGY CONSUMPTION ESTIMATES BY SOURCE

YEAR	TOTAL ENERGY (TBTU)	TOTAL NATURAL GAS (BCF)	TOTAL PETROLEUM (MMBBLs)	TOTAL COAL (MST)	TOTAL NUCLEAR (Million KWH)	HYDROELECTRIC POWER (Million KWH)
1991	3,704	1,525	312,517	12,965	13,956	656
1992	3,813	1,551	329,450	13,674	10,356	656
1993	3,876	1,579	334,556	13,676	14,398	1,232
1994	4,014	1,586	358,274	14,100	12,779	972
1995	4,059	1,679	350,162	13,357	15,686	952
1996	4,228	1,616	374,722	12,534	15,765	964
1997	4,319	1,661	361,782	13,874	13,511	1,036
1998	4,041	1,569	348,208	13,891	16,428	1,063
1999	4,021	1,495	381,195	13,953	13,112	802
2000	4,327	1,537	428,363	15,737	15,796	532
2001	3,819	1,312	377,607	14,934	17,336	732
2002	3,953	1,431	383,119	14,676	17,305	891
2003	3,804	1,311	363,307	15,592	16,126	892
2004	4,005	1,350	384,677	16,059	17,080	1,099
2005	3,850	1,314	366,578	15,856	15,676	811
2006	4,022	1,297	396,178	16,410	16,735	713
2007	4,276	1,384	396,182	15,524	17,078	827
2008	4,215	1,324	430,005	16,409	15,371	1,064
2009	4,021	1,278	416,905	15,736	16,782	1,236
2010	4,112	1,448	389,823	16,240	18,639	1,109
2011	4,124	1,508	391,142	16,792	16,615	1,044
2012	3,996	1,563	373,556	14,893	15,659	680
2013	3,904	1,479	369,826	13,934	16,954	1,045
2014	3,922	1,507	357,660	12,821	17,311	1,090
2015	3,896	1,556	365,996	11,016	15,301	999
2016	4,012	1,678	359,396	8,834	17,152	1,103
2017	4,181	1,679	383,526	8,638	15,410	906
2018	4,220	1,825	369,462	8,356	17,153	1,180
2019	4,257	1,922	377,498	5,492	13,981	1,366
2020	4,178	1,882	412,095	2,962	16,950	1,204
2021	4,257	1,826	425,277	5,847	17,249	1,109
2022	4,262	2,048	389,501	5,628	16,165	916

TABLE 39 – LOUISIANA REFINERY CRUDE OIL STATISTICS

YEAR	AVERAGE STOCK ON HAND	DIALY AVERAGE RUNS TO STILL	LICENSED REFINERIES
2016	14,654,640	2,957,990	17
2017	14,354,101	3,022,394	17
2018	14,623,608	3,033,507	17
2019	15,006,136	3,040,811	17
2020	14,911,292	2,392,201	16
2021	13,845,313	2,493,294	16
2022	12,191,347	2,654,238	15

2023	AVERAGE STOCK ON HAND	DIALY AVERAGE RUNS TO STILL	LICENSED REFINERIES
January	12,837,360	2,657,594	15
February	13,503,966	2,436,279	15
March	12,871,911	2,644,164	15
April	12,881,036	2,740,721	15
May	12,729,719	2,694,623	15
June	13,559,878	2,614,426	16
July	13,389,809	2,665,690	15
August	13,949,116	2,577,856	15
September	13,577,683	2,583,530	15
October	13,493,266	2,474,824	14
November	11,873,705	2,581,586	14
December	13,704,542	2,645,142	14
Totals	13,197,666	2,609,703	15

2024	AVERAGE STOCK ON HAND	DIALY AVERAGE RUNS TO STILL	LICENSED REFINERIES
January	13,086,251	2,452,142	14
February	13,887,622	2,365,862	14
March	12,015,442	2,644,842	14
April	13,648,018	2,614,832	14
May	12,245,150	2,679,207	14
June	13,185,285	2,678,071	14
July	12,700,067	2,754,813	14
August	12,215,600	2,777,748	14
September	13,159,603	2,395,798	14
October _p	12,371,753	2,555,880	14
November _p	12,950,065	2,761,128	14
December _p	12,250,620	2,821,385	14
Totals _p	12,809,623	2,625,142	14

e – Estimated, r – Revised, p – Preliminary

TABLE 40 – LOUISIANA ELECTRIC UTILITIES NET GENERATION BY FUEL TYPE*(Million KWH)*

YEAR	COAL	OIL	GAS	NUCLEAR	TOTAL
1992	19,796	483	36,978	10,356	68,269
1993	19,366	1,838	36,355	14,398	73,189
1994	20,125	680	38,512	12,779	73,068
1995	18,953	49	43,218	15,686	78,858
1996	18,632	273	36,565	15,765	72,199
1997	20,952	646	40,577	13,511	76,722
1998	20,762	600	44,975	16,428	83,828
1999	21,166	397	47,999	13,112	83,476
2000	14,484	625	46,129	15,796	77,566
2001	21,968	3,450	40,373	17,336	83,859
2002	22,051	1,865	47,901	17,305	90,013
2003	22,889	2,938	45,434	16,126	88,279
2004	23,658	3,903	46,170	17,080	91,909
2005	23,087	3,541	44,168	15,676	87,284
2006	24,395	1,872	41,933	16,735	85,649
2007	23,051	2,251	43,915	17,078	87,121
2008	24,100	2,305	45,344	15,371	88,185
2009	23,067	1,858	44,003	16,782	86,947
2010	23,924	3,281	51,344	18,639	98,297
2011	24,628	4,707	54,322	16,615	101,316
2012	21,422	3,030	58,564	15,659	99,355
2013	20,844	4,945	52,510	16,954	96,298
2014	19,221	5,231	56,121	17,311	98,974
2015	15,165	4,243	66,211	15,301	101,919
2016	12,014	4,819	66,479	17,152	101,567
2017	12,316	4,570	59,001	15,410	92,205
2018	11,787	4,378	61,782	17,153	96,280
2019	7,419	3,189	69,523	13,981	95,479
2020	3,918	3,429	70,782	16,950	96,321
2021	7,873	3,896	63,961	17,249	94,234
2022	8,173	3,107	72,275	16,165	100,831
2023	4,834	1,032	74,414	12,211	93,491

APPENDIX A – LIST OF ACRONYMS AND ABBREVIATIONS

Acronym / Abbreviation	Definition
BCF	Billion Cubic Feet
BTU	British Thermal Unit
DENR	Louisiana Department of Energy and Natural Resources
DOE	United States Department of Energy
DOI	United States Department of Interior
EIA	Energy Information Administration, DOE
FOB	Free on Board
KWH	Kilowatts-hours
MBBLS	Thousand Barrels
MCF	Thousand Cubic Feet
MMB	Million Barrels
MMS	Minerals Management Services, DOI
MST	Thousand Short Tons
NGC	Natural Gas Clearinghouse
OCS	Outer Continental Shelf
OPEC	Organization of Petroleum Exporting Countries
RAC	Refinery Acquisition Costs
SLS	South Louisiana Sweet Crude Oil
SPR	Strategic Petroleum Reserve
TBTU	Trillion BTU
TCF	Trillion Cubic Feet

APPENDIX B – STATE ABBREVIATIONS USED IN THE LOUISIANA ENERGY FACTS ANNUAL

Abbreviation	State
AL	Alabama
AK	Alaska
AR	Arkansas
CA	California
CO	Colorado
IL	Illinois
KS	Kansas
LA	Louisiana
MI	Michigan
MS	Mississippi
MT	Montana
ND	North Dakota
NM	New Mexico
OK	Oklahoma
PA	Pennsylvania
TX	Texas
UT	Utah
WY	Wyoming

APPENDIX C – DATA SOURCES

1. EMPLOYMENT AND TOTAL WAGES PAID BY EMPLOYERS SUBJECT TO LOUISIANA EMPLOYMENT SECURITY LAW, Baton Rouge, LA: Louisiana Department of Labor, Office of Employment Security, Research and Statistics Unit.
 2. MONTHLY ENERGY REVIEW and ANNUAL ENERGY REVIEW, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.
 3. NATURAL GAS MONTHLY and NATURAL GAS ANNUAL, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.
 4. BAKER HUGES ROTARY RIGS COUNT, Houston, TX: Baker Hughes Inc.
 5. October 2002 to Present, NATURAL GAS WEEK, Washington, D.C.: Energy Intelligence Group. Prior, SURVEY OF DOMESTIC SPOT MARKET PRICES, Houston, TX: Dynegy Inc. (formerly Natural Gas Clearinghouse)
 6. PETROLEUM MARKETING MONTHLY and PETROLEUM MARKETING ANNUAL, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.
 7. PETROLEUM SUPPLY MONTHLY and PETROLEUM SUPPLY ANNUAL, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.
 8. SEVERANCE TAX, Baton Rouge, LA: Louisiana Department of Revenue, Severance Tax Section. The severance tax reported production volumes are different from actual production due to reporting time lag and well tax exemptions.
 9. U.S. CRUDE OIL, NATURAL GAS and NATURAL GAS LIQUIDS RESERVES, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.
 10. THE WALL STREET JOURNAL, Gulf Coast Edition, Beaumont, TX: Dow Jones and Company.
 11. STATE ENERGY DATA REPORT, Washington, D.C.: U.S. Department of Interior, Energy Information Administration.
 12. FEDERAL OFFSHORE STATISTICS, Washington, D.C.: U.S. Department of Interior, Bureau of Ocean Energy Management.
 13. NATURAL RESOURCES REVENUE, Denver, CO: U.S. Department of Interior, Office of Natural Resources Revenue.
 14. ELECTRIC POWER MONTHLY, Washington, D.C.: U.S. Department of Energy, Energy Information Administration.
- *Unless otherwise specified, data is from the Louisiana Department of Energy and Natural Resources*

APPENDIX D – AN EXPLANATION OF CHANGES IN OIL AND GAS STATISTICS

NOTE 1: Current production data and all future reports will reflect changes due to modifications in the reporting system by the Department of Energy and Natural Resources Office of Conservation, Production Audit Section. Only the oil and gas production data in state jurisdiction is affected.

The new data for oil will not include crude oil, condensate, or raw make recovered from natural gas processing plants. In the past, these products were added to the state's production as crude oil or condensate.

A separate report on gas plants liquids production is currently unavailable.

In addition, the gas data system has been adjusted to reflect reporting production on the date produced. Previously, it had been reported on the date first purchased.

The new reporting system should produce more accurate and timely data.

The Office of Energy is not the source of these data sets; it merely reports data provided by the Office of Conservation. However, we understand that users of our time series data need consistency over time. For that reason, our time series has been adjusted backwards to 1980 using these new definitions.

NOTE 2: Producing oil and gas well data since 2000 reflects changes due to modifications in the reporting system by the Department of Energy Natural Resources Office of Conservation.

The new data for oil and natural gas producing wells count them as productive if they had any production in the month. The previous system counted only the producing wells at the end of the month. The new reporting system should produce more accurate and timely data.

The Office of Energy is not the source of these data sets; it merely reports data provided by the Office of Conservation. However, we understand that users of our time series data need consistency over time. Due to a lack of accurate information, the time series has been adjusted backwards to 2000 using the new system.

Other factors that affected the increase in wells numbers are the big jump in energy prices around 2000 and the inactive wells

APPENDIX E – REVELANT ACTS

Outer Continental Shelf Lands Act (OCSLA)

The OCSLA of 1953 (67 Stat. 462), as amended (43 U.S.C. 1331 et seq. (1988)), established Federal jurisdiction over submerged lands on the Outer Continental Shelf (OCS) seaward of State boundaries. Under the OCSLA, the Secretary of the Interior is responsible for the administration of mineral exploration and development of the OCS. The Act empowers the Secretary to grant leases to the highest qualified, responsible bidder(s) based on sealed competitive bids and to formulate such regulations as necessary to carry out the provisions of the Act. The Act, as amended, provides guidelines for implementing an OCS oil and gas exploration and development program. The basic goals of the Act include the following:

1. To establish policies and procedures for managing the oil and natural gas resources of the OCS that are intended to result in expedited exploration and development of the OCS in order to achieve national economic and energy policy goals, assure national security, reduce dependence on foreign sources, and maintain a favorable balance of payments in world trade.
2. To preserve, protect, and develop oil and natural gas resources of the OCS in a manner that is consistent with the need
 - (a) to make such resources available to meet the nation's energy needs as rapidly as possible;
 - (b) to balance orderly resource development with the protection of the human, marine, and coastal environments;
 - (c) to ensure the public a fair and equitable return on the resources of the OCS;
 - (d) to preserve and maintain free enterprise competition.
3. To encourage the development of new and improved technology for energy resource production, which will eliminate or minimize the risk of damage to the human, marine, and coastal environments.

Royalty revenues from Federal offshore leases on the OCS are distributed to the Land and Water Conservation Fund, the Historic Preservation Fund, and the General Fund of the U.S. Treasury. Transfers are made each fiscal year from OCS royalties, rentals, and bonuses in order to maintain the Land and Water Conservation Fund's annual authorization of \$900 million. Annually, \$150 million is put into the Historic Preservation Fund. The balance of offshore revenue receipts is directed to the General Fund of the U.S. Treasury.

Section 8(g) of the OCSLA Amendments of 1978 provided that the states were to receive a "fair and equitable" division of revenues generated from the leasing of lands within 3 miles of the seaward boundary of a coastal state that contains one or more oil and gas pools or fields underlying both the OCS and lands subject to the jurisdiction of the state. The states and the federal government, however, were unable to reach agreement concerning the meaning of the term "fair and equitable." Revenues generated in the 3-mile boundary zone were subsequently placed into an escrow fund in August 1979.

Congress resolved the dispute over the meaning of "fair and equitable" in the Outer Continental Shelf Lands Act Amendments of 1985, Public Law 99-272. The amendments required that the affected coastal state receive 27 percent of the revenues generated from the leasing and developing oil and natural gas resources located in the Federal 8(g) zone. The law provided for the following distribution of revenues to Louisiana under section 8(g):

Before 1986: Louisiana did not receive any shared revenue from OCS production prior to 1986.

1986: Louisiana received a payment of \$68.7 million from royalties, rentals, and bonuses collected in 1986 and prior years.

1998-2000: In 1987, Louisiana received an initial settlement payment of \$572 million from the escrow funds. A series of annual settlement payments have been disbursed to the states over a 15-year period, along with an annual disbursement of 27 percent of royalty, rental, and bonus revenues received within each affected state's 8(g) zone. The annual settlement payments are as follows: From 1987 through 1991, Louisiana received an annual settlement payment of \$2.52 million per year. From 1992 through 1996, the state received an annual settlement payment of \$5.88 million per year. Beginning in 1997 until the last payment in 2001, Louisiana will receive an annual settlement payment of approximately \$8.40 million per year.

2002 and After: No further settlement payments; states receive only a recurring annual disbursement of 27 percent of royalty, rental, and bonus revenues received within each affected state's 8(g) zone. Louisiana will receive an annual disbursement of 27 percent of royalty, rental, and bonus revenues received within Louisiana's affected 8(g) zone.

Gulf of Mexico Energy Security Act (GOMESA)

On December 20, 2006, the President signed into law the GOMESA of 2006 (Pub. Law 109-432). The Act significantly enhances OCS oil and gas leasing activities and revenue sharing in the Gulf. The Act:

- A. Stipulated that 8.3 million acres be offered for oil and gas leases. This acreage is included in both the Central Gulf Planning Area and the Eastern Gulf Planning Area. The 8.3 million acres consist of approximately 2 million acres in the Central Gulf. It was the first that was offered for lease after enactment of the law and was included in Lease Sale 205 in October 2007; an additional .5 million acres in the Eastern Gulf received additional environmental review and was offered in Lease Sale 224 in March 2008; and the remaining 5.8 million acres in the Central Gulf was offered for leasing at Lease Sale 208 in March 2009.
- B. Updated moratoria (bans) areas in the Gulf. Those tracts in the Eastern Gulf within 125 miles of Florida, all tracts east of the Military Mission Line, and tracts in the Central Gulf within 100 miles of Florida are included in the moratorium area, extending until 2022.
- C. Created revenue-sharing provisions for four Gulf oil and gas producing States – Alabama, Louisiana, Mississippi, and Texas, and their coastal political subdivisions. There are two phases in the GOMESA revenue sharing.
 - a. Phase 1: Beginning in Fiscal Year 2007, 37.5 percent of all qualified OCS revenues, including bonus bids, rentals, and production royalty, will be shared among the four States and their coastal political subdivisions from those new leases issued in the 181 Area in the Eastern planning area (also known as the 224 Sale Area) and the 181 South Area. Additionally, 12.5 percent of revenues are allocated to the Land and Water Conservation Fund (LWCF). The final regulations for Phase I revenue sharing were issued on December 23, 2008, and

specify that the Bureau intends to disburse funds on or before March 31st of the fiscal year following the fiscal year to which the qualified OCS revenues were attributed.

- b. Phase 2: The second phase of GOMESA revenue sharing begins in Fiscal Year 2017. It expands the definition of qualified OCS revenues to include receipts from GOM leases issued after December 20, 2006, in the 181 Call Area, or 2002–2007, GOM Planning Areas subject to withdrawal or moratoria restrictions. A revenue-sharing cap of \$500 million per year for the four Gulf-producing States, their CPS, and the LWCF applies from fiscal years 2016 through 2055. The \$500 million cap does not apply to qualified revenues generated in those areas associated with Phase I of the GOMESA program. The Bureau will address the second phase of GOMESA revenue sharing in a subsequent rulemaking.
- D. Allowed for the exchange of existing leases in the moratorium areas for bonus or royalty credit to be used in the Gulf. A credit will be provided to lessees who relinquish certain eligible leases in the Gulf. Leases are considered eligible if they lie within 125 miles of the Florida Coast in the Eastern Planning Area or within 100 miles of the Florida Coast in the Central Planning Area. The lessees will be allowed to use the credits in lieu of monetary payment for either a lease bonus bid or royalty due on oil and gas production from most other leases in the Gulf or transfer the credits to other Gulf lessees for their use.

APPENDIX F – GLOSSARY OF TERMS

Bonus. A cash payment by the lessee for the execution of a lease. A lease is a contract that gives a lessee the

right: (a) To search for minerals, (b) to develop the surface for extraction, and (c) to produce minerals within the area covered by the contract.

Casinghead Gas. All natural gas released from oil during the production of oil from underground reservoirs.

City-Gate. A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption. Gas used by non-manufacturing organizations such as hotels, restaurants, retail stores, laundries, and other service enterprises. This also includes gas used by local, state, and federal agencies engaged in non-manufacturing activities.

Condensate. (See Lease Condensate)

Crude Oil. A mixture of hydrocarbons that existed in the liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities.

CRUDE OIL PRICES

Domestic Wellhead. The average price at which all domestic crude oil is first purchased.

Imports FO8. The price actually charged at the producing country's port of loading. It is the responsibility of the buyer to arrange for transportation and insurance.

Imports Landed. The dollar per barrel price of crude oil at the port of discharge. It includes crude oil landed in the U.S. and U.S. company-owned refineries in the Caribbean, but excludes crude oil from countries that export only small amounts to the United States. The landed price does not include charges incurred at the port of discharge.

Imports OPEC FO8. The average price actually charged by OPEC at their country's port of loading. This price does not include transportation or insurance.

OCS Gulf. The average price at which all offshore, Outer Continental Shelf, Central Gulf region crude oil is first purchased as reported by the U.S. Department of Energy, Energy Information Administration.

Refinery Acquisition Costs (RAC). The average price paid by refiners in the U.S. for crude oil booked into their refineries in accordance with accounting procedures generally accepted and consistently and historically applied by the refiners.

a) **Domestic.** The average price of crude oil produced in the United States or from the Outer Continental Shelf of the U.S.

b) **Imports.** The average price of any crude oil not reported as domestic.

Refinery Posted. The average price from a survey of selected refiners' postings for Light Louisiana Sweet

(LLS) crude, which is effective at the middle and at the end of the month.

Severance Tax. The average wellhead price calculated from oil severance taxes paid to the Louisiana Department of Revenue and Taxation.

Spot Market. The spot market crude oil price is the average of daily Light Louisiana Sweet (LLS) crude price futures traded in the month and usually includes transportation from the producing field to the St. James, Louisiana terminal.

State. The average price at which all Louisiana crude oil, excluding Louisiana OCS, is first purchased as reported in a survey by the U.S. Department of Energy, Energy Information Administration.

State Royalty. The average wellhead price from its royalty share of oil produced in state lands or water bottoms. The price is calculated by the ratio of received oil royalty gross revenue divided by royalty volume share reported to the Louisiana Department of Energy and Natural Resources.

Developmental Well. Wells drilled within the proved area of an oil or gas reservoir to the depth of a stratigraphic horizon known to be productive.

Dry Gas. (See Natural Gas, "Dry")

Dry Hole. An exploratory or developmental well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well.

Electric Utility Consumption. Gas used as fuel in electric utility plants.

Exploratory Well. A well drilled to find and produce oil or gas in an unproved area, to find a new reservoir in an old field, or to extend the limits of a known oil or gas reservoir.

Exports. Crude oil or natural gas delivered out of the Continental United States and Alaska to foreign countries.

Extraction Loss. The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Federal Offshore or Federal OCS. (See Louisiana OCS)

Federal Onshore. They are lands in the United States for which ownership is claimed by the U.S. federal government, pursuant to Article Four, section 3, clause 2 of the United States Constitution.

FO8 Price (Free on board). The price actually charged at the producing country's port of loading. The reported price includes deductions for any rebates and discounts or additions of premiums where applicable and should be the actual price paid with no adjustment for credit terms.

Gate. (See City-Gate)

Gross Revenue. Amount of money received from a purchaser, including charges for field gathering,

transportation from wellhead to purchaser receiving terminal, and state production severance tax.

Gross Withdrawals. (See Natural Gas, Gross Withdrawals)

Imports. Crude oil or natural gas received in the Continental United States, Alaska, and Hawaii from foreign countries.

Industrial Consumption. Natural gas used by manufacturing and mining establishments for heat, power, and chemical feedstock.

Lease Condensate. A mixture consisting primarily of pentane and heavier hydrocarbons that is recovered as a liquid from natural gas in lease or field separation facilities, exclusive of products recovered at natural gas processing plants or facilities.

Lease Separator. A facility installed at the surface for the purpose of: (a) Separating gases from produced crude oil and water at the temperature and pressure conditions of the separator, and/or (b) separating gases from that portion of the produced natural gas stream which liquefies at the temperature and pressure conditions of the separator.

Louisiana OCS. Submerged lands under federal regulatory jurisdiction that comprise the Continental Margin or Outer Continental Shelf adjacent to Louisiana and seaward of the Louisiana Offshore region.

Louisiana Offshore. A 3-mile strip of submerged lands under state regulatory jurisdiction located between the State coast line and the OCS region.

Louisiana Onshore. Region defined by the State boundary and the coast line.

Major Pipeline Company. A company whose combined sales for resale, and gas transported interstate or stored for a fee, exceeded 50 million thousand cubic feet in the previous year.

Marketed Production. (See Natural Gas, Marketed Production)

Natural Gas. A mixture of hydrocarbon compounds and small quantities of various non-hydrocarbons existing in the gaseous phase or in solution with crude oil in natural underground reservoirs at reservoir conditions. The principal hydrocarbons usually contained in the mixture are methane, ethane, propane, butanes and pentanes. Typical non-hydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide and nitrogen. Under reservoir conditions, natural gas and the liquefiable portions occur either in a single gaseous phase in the reservoir or in solution with crude oil, and are not distinguishable at the time as separated substances.

Natural Gas, "Dry". The actual or calculated volume of natural gas which remains after: (a) The liquefiable hydrocarbon portion has been removed from the gas stream, and (b) any volumes of non-hydrocarbon gases have been removed where they occur in sufficient quantity to render the gas unmarketable.

Natural Gas, Gross Withdrawals. It is the full well-stream volume, including all natural gas plant liquids and all non-hydrocarbon gases, but excluding lease condensate.

Natural Gas Liquids. Lease condensate plus natural gas plant liquids.

Natural Gas, Marketed Production. Gross withdrawals less gas used for pressurizing, quantities vented and flared, and non-hydrocarbon gases removed in treating or processing operations. It includes all quantities of gas used in field and processing operations.

Natural Gas, OCS Gas. OCS gas volume is as reported. Most are "dry" gas, though some are "wet" gas.

Natural Gas Plant Liquids. Those hydrocarbons remaining in a natural gas stream after field separation and later separated and recovered at a natural gas processing plant or cycling plant through the processes of absorption, adsorption, condensation, fractionation or other methods. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as condensate, natural gasoline, or liquefied petroleum gases. Where hydrocarbon components lighter than propane (e.g., ethane) are recovered as liquids, these components are included with natural gas liquids.

NATURAL GAS PRICES

Henry Hub Settled NYMEX. The last trading day price for the month before delivery posted in the New York Mercantile Exchange for natural gas at Henry Hub.

Spot Market. The average price of natural gas paid at the regional spot market receipt points or zones as reported by the Energy Intelligence Group's NATURAL GAS WEEK. The data are a volume weighted average and reflect market activity information gathered during the entire month before the publication date, regardless of delivery date. The data are not an arbitrary weighting by production zone, but a true deal-by-deal volume weighting of prices gathered. Data prior to October 2002 were from Dynegy's survey of the domestic natural gas spot market receipt points or zones located in Louisiana. The new and old points or zones are as follows:

NATURAL GAS PIPELINES AND SALES POINTS FOR PRICES

Dynegy Natural Gas Week

<u>Dynegy</u>	<u>Natural Gas Week</u>
ANR	ANR
Eunice, LA	Patterson, LA
COLUMBIA GULF	COLUMBIA GULF TRANSMISSION CO.
Average Louisiana onshore laterals	Average of Erath, Rayne, and Texaco Henry Plant in Louisiana
LOUISIANA INTRASTATES	LOUISIANA INTRASTATES
Average of Faustina, Bridgeline, LIG, and Monterrey pipelines	Average of LIG, Bridgeline, LRC, and Acadian pipelines
SOUTHERN NATURAL	SONAT
South Louisiana	Saint Mary Parish, LA

TENNESSEE GAS
Vinton, LA
TEXAS GAS TRANSMISSION
Zone 1 (North Louisiana)
GULF SOUTH PIPELINE

TENNESSEE GAS
Average Zone 1 of 500 & 800
TEXAS GAS TRANSMISSION
Zone 1 (North Louisiana)
TRUNKLINE GAS CO
HENRY HUB

OCS. The average wellhead price calculated from sales and volumes from Louisiana OCS natural gas as reported by the U.S. Department of Interior, Office of Natural Resources Revenue.

State Royalty. The average wellhead price calculated from revenue received and volumes reported to the Louisiana Department of Energy and Natural Resources.

State Wells. The average price of gas sold at Louisiana wellhead. This price includes: (a) Value of natural gas plant liquids subsequently removed from the gas, (b) gathering and compression charges, and (c) state production, severance, and/or similar charges.

MAJOR PIPELINES PURCHASES.

- a) **Domestic Producers.** The average price of natural gas produced in the United States or from the Outer Continental Shelf of the U.S.
- b) **Foreign Imports.** The average price of any natural gas not reported as domestic.

Wellhead. The wellhead sales price including: (a) Value of natural gas plant liquids subsequently removed from the gas, (b) gathering and compression charges, and (c) state production, severance, and/or similar charges.

Natural Gas Plant Liquids (NGPL). NGPL are those hydrocarbons in natural gas that are separated as liquids at natural gas processing, fractionating, and cycling plants. Products obtained include ethane, liquefied petroleum gases (propane, normal butane, and isobutene), and natural gasoline. Component products may be fractionated or mixed. Lease condensate and plant condensate are excluded. Cycling plants are classified as gas processing plants or facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Note: Some EIA publications categorize NGPL production as field production, in accordance with definitions used prior to January 2014.

Natural Gas, Wet After Lease Separation. The volume of natural gas, if any, remaining after: (a) Removal of lease condensate in lease and/or field separation facilities, and (b) exclusion of non-hydrocarbon gases where they occur in sufficient quantities to render the gas unmarketable. Also excludes gas returned to formation in pressure maintenance and secondary recovery projects and gas returned to earth from cycling and/or gasoline plants. Natural gas liquids may be recovered from volumes of natural gas, wet after lease separation, at natural gas processing plants.

Organization of Petroleum Exporting Countries (OPEC). Countries that have organized for the

purpose of negotiating with oil companies on matters of oil production, prices, and future concession rights. Current members are Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

Outer Continental Shelf (OCS). All submerged lands that comprise the Continental Margin adjacent to the U.S. and seaward of the state offshore lands. Production in the OCS is under federal regulatory jurisdiction and ownership.

Processing Plant. A facility designed to recover natural gas liquids from a stream of natural gas which may or may not have passed through lease separators and/or field separation facilities. Another function of natural gas processing plants is to control the quality of the processed natural gas stream.

Proved Reserves of Crude Oil. As of December 31 of the report year, the estimated quantities of all liquids defined as crude oil which geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions. Volumes of crude oil in underground storage are not considered proved reserves.

Proved Reserves of Lease Condensate. The volumes of lease condensate as of December 31 of the report year expected to be recovered in future years in conjunction with the production of proved reserves of natural gas as of December 31 of the report year.

Proved Reserves of Natural Gas. The estimated quantities of natural gas as of December 31 of the report year which analysis of geologic and engineering data demonstrates with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions. Volumes of natural gas in underground storage are not considered proved reserves.

Proved Reserves of Natural Gas Liquids. The volumes of natural gas liquids (including lease condensate) as of December 31 of the report year, which analysis of geologic and engineering data demonstrates with reasonable certainty to be separable in the future from proved natural gas reserves under existing economic and operating conditions.

Rental. Money paid by the lessee to maintain the lease after the first year if it is not producing. A lease is considered expired when rental is not paid on time on an unproductive lease.

Reservoir. A porous and permeable underground formation containing an individual and separate natural accumulation of producible hydrocarbons (oil and/or gas) which is confined by impermeable rock or water barriers and is characterized by a single natural pressure system. Reservoirs are considered proved if economic producibility is supported by actual production or conclusive formation tests (drill stem or wire line), or if economic producibility is supported by core analysis and/or electric or other log interpretations. The area of a gas or oil reservoir considered proved includes: (a) That portion delineated by drilling and defined by gas-oil and/or gas-water contacts, if any; and (b) the immediately adjoining portions not yet drilled, but which can be reasonably judged as economically productive on the basis of available geological and engineering data.

Residential Consumption. Gas used in private dwellings, including apartments, for heating, cooking, water

heating, and other household uses.

Royalty Interest. Those interests which entitle their owner(s) to a share of the mineral production from a property or to a share of the proceeds from there. These interests do not contain the rights and obligations of operating the property and normally do not bear any of the costs of exploration, development, or operation of the property.

Royalty Override (Or Overriding Royalty). An overriding royalty interest is a percentage of oil and gas revenue from a producing well free of all drilling and producing costs. It is carved out of the lessee's or working interest owner and paid by the lessee or working interest owner. It is limited in duration to the terms of an existing lease, not subject to any of the expenses of development, operation or maintenance, and not connected to an ownership of minerals under the ground, and it is royalty in addition to the usual landowner's royalty reserved to the lessor.

Severance Tax. It is levied on production of natural resources taken from land or water bottoms within the territorial boundaries of the state. The state collects no severance from production in federal waters in the Gulf which start three miles from the Louisiana coastline. Natural resources are all forms of timber, including pulp woods, and turpentine and other forest products; minerals such as oil, gas, natural gasoline, distillate, condensate, casinghead gasoline, sulphur, salt, coal, lignite, and ores; also marble, stone, gravel, sand, shells, and other natural deposits; and the salt content in brine.

State Offshore. (See Louisiana Offshore)

Wet After Lease Separation. (See Natural Gas, Wet After Lease Separation)

Wildcat Well. (See Developmental Well)