

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2021, Texas

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum				Biomass Wood ^d	Geothermal ^e	Solar ^{e,f}	Electricity ^g Million Kilowatthours	End Use ^{e,h}	Electrical System Energy Losses ⁱ	Total ^{e,h}
			Distillate Fuel Oil	HGL ^c	Kerosene	Total							
			Thousand Barrels										
1960	10	172	96	9,098	6	9,201	--	--	--	11,316	--	--	--
1965	3	183	71	11,778	7	11,856	--	--	--	18,745	--	--	--
1970	1	232	134	13,894	33	14,062	--	--	--	32,591	--	--	--
1975	0	232	270	10,304	39	10,613	--	--	--	40,892	--	--	--
1980	(s)	225	8	5,533	198	5,739	--	--	--	57,178	--	--	--
1985	2	213	27	6,553	112	6,693	--	--	--	71,740	--	--	--
1990	2	211	2	5,534	26	5,562	--	--	--	82,548	--	--	--
1995	0	206	6	2,995	22	3,023	--	--	--	92,831	--	--	--
2000	1	194	3	9,705	30	9,738	--	--	--	116,895	--	--	--
2005	1	185	5	7,959	15	7,979	--	--	--	126,562	--	--	--
2006	(s)	166	(s)	6,055	7	6,062	--	--	--	126,843	--	--	--
2007	(s)	200	(s)	6,613	9	6,622	--	--	--	124,921	--	--	--
2008	0	193	(s)	6,263	8	6,272	--	--	--	128,240	--	--	--
2009	0	192	2	5,359	3	5,364	--	--	--	129,815	--	--	--
2010	0	226	1	5,337	5	5,343	--	--	--	137,161	--	--	--
2011	0	200	3	4,787	3	4,793	--	--	--	145,654	--	--	--
2012	0	170	2	3,821	1	3,824	--	--	--	137,412	--	--	--
2013	0	207	(s)	4,560	1	4,561	--	--	--	140,273	--	--	--
2014	0	235	1	4,828	2	4,831	--	--	--	140,900	--	--	--
2015	0	211	2	4,966	1	4,969	--	--	--	145,652	--	--	--
2016	0	175	1	5,099	1	5,101	--	--	--	145,973	--	--	--
2017	0	164	1	4,155	1	4,157	--	--	--	144,242	--	--	--
2018	0	227	1	4,343	1	4,345	--	--	--	157,268	--	--	--
2019	0	228	1	5,624	(s)	5,626	--	--	--	155,481	--	--	--
2020	0	204	(s)	4,188	1	4,188	--	--	--	156,415	--	--	--
2021	0	211	1	3,347	1	3,349	--	--	--	155,075	--	--	--

Trillion Btu

1960	0.2	177.7	0.6	34.9	(s)	35.5	14.1	NA	NA	38.6	266.1	95.5	361.6
1965	0.1	189.3	0.4	45.2	(s)	45.7	9.4	NA	NA	64.0	308.4	152.7	461.1
1970	(s)	238.5	0.8	53.4	0.2	54.3	6.4	NA	NA	111.2	410.4	269.0	679.5
1975	0.0	239.2	1.6	39.6	0.2	41.4	7.6	NA	NA	139.5	427.7	334.7	762.3
1980	(s)	231.7	(s)	21.3	1.1	22.4	12.9	NA	NA	195.1	462.2	468.7	930.9
1985	(s)	221.0	0.2	25.2	0.6	26.0	26.4	NA	NA	244.8	518.1	560.6	1,078.8
1990	0.1	219.5	(s)	21.3	0.1	21.4	22.1	0.2	0.4	281.7	545.3	580.3	1,125.6
1995	0.0	215.2	(s)	11.5	0.1	11.7	13.8	0.2	0.5	316.7	558.0	649.5	1,207.5
2000	(s)	200.0	(s)	37.3	0.2	37.5	10.7	0.3	0.5	398.8	647.9	815.7	1,463.6
2005	(s)	190.3	(s)	30.6	0.1	30.7	18.3	0.7	0.5	431.8	672.3	818.9	1,491.2
2006	(s)	170.6	(s)	23.3	(s)	23.3	16.2	0.8	0.5	432.8	644.2	817.1	1,461.3
2007	(s)	205.0	(s)	25.4	0.1	25.5	17.9	0.9	0.5	426.2	676.1	872.9	1,548.9
2008	0.0	197.9	(s)	24.1	(s)	24.1	20.1	1.1	0.5	437.6	681.2	902.3	1,583.6
2009	0.0	196.9	(s)	20.6	(s)	20.6	12.2	1.4	0.6	442.9	674.6	915.1	1,589.7
2010	0.0	233.9	(s)	20.5	(s)	20.5	13.1	1.5	0.7	468.0	737.7	949.2	1,686.9
2011	0.0	205.6	(s)	18.4	(s)	18.4	12.7	1.5	0.8	497.0	735.9	1,009.9	1,745.8
2012	0.0	174.8	(s)	14.7	(s)	14.7	10.6	1.6	0.9	468.8	671.5	928.7	1,600.2
2013	0.0	212.3	(s)	17.5	(s)	17.5	13.9	1.6	1.2	478.6	725.0	958.8	1,683.8
2014	0.0	242.5	(s)	18.5	(s)	18.6	14.0	1.6	1.5	480.7	758.8	950.6	R 1,709.4
2015	0.0	218.8	(s)	19.1	(s)	19.1	2.8	1.6	1.8	497.0	741.1	R 948.9	R 1,689.9
2016	0.0	180.6	(s)	19.6	(s)	19.6	2.1	1.6	2.9	498.1	704.8	R 954.7	R 1,659.5
2017	0.0	168.8	(s)	16.0	(s)	16.0	1.6	1.6	3.8	492.2	683.9	R 957.0	R 1,640.9
2018	0.0	233.4	(s)	16.7	(s)	16.7	2.6	1.6	5.4	536.6	796.3	R 984.4	R 1,780.7
2019	0.0	234.1	(s)	21.6	(s)	21.6	2.7	1.6	7.3	530.5	797.8	R 970.8	R 1,768.6
2020	0.0	R 209.2	(s)	16.1	(s)	16.1	1.9	1.6	11.9	533.7	R 774.4	R 970.9	R 1,745.3
2021	0.0	215.8	(s)	12.9	(s)	12.9	2.3	1.6	17.3	529.1	778.8	969.5	1,748.4

^a Beginning in 2008, data are no longer collected and are assumed to be zero.

^b Includes supplemental gaseous fuels that are commingled with natural gas.

^c Hydrocarbon gas liquids, assumed to be propane only.

^d Wood and wood-derived fuels.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^f Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

^g Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^h Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total.

ⁱ Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2021, Texas

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass Wood and Waste ^{e,f}	Geothermal ^f	Solar ^{f,g}	Wind ^f	Electricity Net Imports ^h	Total ^{f,i}
			Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total								
			Thousand Barrels											
1960	0	407	18	0	43	61	0	1,102	--	0	NA	NA	-175	--
1965	0	640	14	0	33	47	0	743	--	0	NA	NA	-82	--
1970	0	1,062	45	0	104	149	0	1,005	--	0	NA	NA	-122	--
1975	9,044	1,353	75	0	1,740	1,815	0	1,922	--	0	NA	NA	-343	--
1980	45,351	1,430	1,126	0	660	1,786	0	979	--	0	NA	NA	-581	--
1985	71,818	1,198	775	0	881	1,657	0	1,401	--	0	0	0	-4	--
1990	87,248	1,134	721	0	254	975	15,859	1,794	--	(s)	0	0	-63	--
1995	88,358	1,207	534	2,460	62	3,055	36,151	1,703	--	(s)	0	0	-925	--
2000	97,076	1,578	2,147	2,836	401	5,385	37,556	829	--	(s)	492	0	-16	--
2005	101,233	1,466	317	2,726	29	3,071	38,232	1,333	--	0	0	4,237	-216	--
2006	99,661	1,464	242	2,926	55	3,224	41,264	662	--	0	0	6,671	-212	--
2007	102,916	1,474	241	2,068	46	2,355	40,955	1,644	--	0	0	9,006	-243	--
2008	101,840	1,440	193	1,844	6	2,043	40,727	1,039	--	0	0	16,225	-52	--
2009	95,407	1,387	135	2,550	0	2,685	41,498	1,029	--	0	0	20,026	110	--
2010	100,281	1,349	200	944	0	1,144	41,335	1,262	--	0	8	26,251	-12	--
2011	110,098	1,454	265	1,124	(s)	1,389	39,648	563	--	0	29	30,548	-224	--
2012	97,305	1,517	235	126	26	386	38,441	584	--	0	118	32,214	-223	--
2013	102,487	1,423	177	233	0	410	38,315	480	--	0	161	35,874	-669	--
2014	101,658	1,425	200	0	0	200	39,287	386	--	0	280	39,982	-424	--
2015	86,779	1,624	207	0	0	207	39,355	956	--	0	399	44,803	-253	--
2016	86,130	1,534	151	0	0	151	42,079	1,342	--	0	729	57,483	-1,948	--
2017	93,488	1,370	137	0	0	137	38,581	1,060	--	0	2,187	67,008	-5,591	--
2018	75,899	1,644	110	0	0	110	41,186	1,125	--	0	3,204	75,637	4,668	--
2019	63,311	1,787	94	0	0	94	41,298	1,474	--	0	4,362	83,557	-4,446	--
2020	56,069	1,739	91	0	0	91	41,439	1,079	--	0	8,534	92,386	-3,066	--
2021	61,762	1,626	402	0	0	402	40,211	1,082	--	0	14,918	99,420	-2,422	--

Trillion Btu

1960	0.0	421.6	0.1	0.0	0.3	0.4	0.0	11.9	0.0	0.0	NA	NA	-0.6	433.2
1965	0.0	663.2	0.1	0.0	0.2	0.3	0.0	7.8	0.9	0.0	NA	NA	-0.3	671.9
1970	0.0	1,090.3	0.3	0.0	0.7	0.9	0.0	10.5	1.0	0.0	NA	NA	-0.4	1,102.4
1975	118.5	1,379.0	0.4	0.0	10.9	11.4	0.0	20.0	0.9	0.0	NA	NA	-1.2	1,528.6
1980	670.8	1,482.9	6.6	0.0	4.2	10.7	0.0	10.2	0.8	0.0	NA	NA	-2.0	2,173.4
1985	1,063.4	1,240.7	4.5	0.0	5.5	10.1	0.0	14.6	3.1	0.0	0.0	0.0	(s)	2,331.9
1990	1,271.9	1,174.0	4.2	0.0	1.6	5.8	167.8	18.7	3.3	0.0	(s)	0.0	-0.2	2,640.8
1995	1,301.1	1,237.7	3.1	14.8	0.4	18.3	379.8	17.6	0.4	0.0	(s)	0.0	-3.2	2,951.7
2000	1,474.9	1,610.7	12.5	17.1	2.5	32.1	391.7	8.5	0.9	0.0	(s)	5.0	-0.1	3,523.7
2005	1,557.5	1,507.4	1.8	15.6	0.2	17.6	399.0	13.3	2.7	0.0	0.0	42.4	-0.7	3,539.2
2006	1,539.4	1,501.2	1.4	16.7	0.3	18.5	430.6	6.6	2.7	0.0	0.0	66.2	-0.7	3,564.4
2007	1,568.7	1,507.8	1.4	11.8	0.3	13.5	429.6	16.3	4.2	0.0	0.0	89.0	-0.8	3,628.3
2008	1,566.6	1,472.7	1.1	10.5	(s)	11.7	425.7	10.2	4.9	0.0	0.0	159.9	-0.2	3,651.5
2009	1,480.4	1,415.8	0.8	14.6	0.0	15.4	434.0	10.0	4.4	0.0	0.0	195.5	0.4	3,555.9
2010	1,553.9	1,375.3	1.2	5.4	0.0	6.6	432.0	12.3	5.1	0.0	0.1	256.1	(s)	3,641.4
2011	1,675.5	1,484.0	1.5	6.4	(s)	8.0	414.9	5.5	6.3	0.0	0.3	296.8	-0.8	3,890.4
2012	1,478.7	1,550.5	1.4	0.7	0.2	2.2	402.8	5.6	8.5	0.0	1.1	306.6	-0.8	3,755.2
2013	1,575.5	1,455.1	1.0	1.3	0.0	2.4	400.4	4.6	8.1	0.0	1.5	342.3	-2.3	3,787.5
2014	1,558.3	1,462.0	1.2	0.0	0.0	1.2	410.9	3.7	10.5	0.0	2.7	380.2	-1.4	R 3,827.8
2015	1,319.8	1,675.7	1.2	0.0	0.0	1.2	411.6	8.9	10.8	0.0	3.7	R 417.3	-0.9	R 3,848.2
2016	1,309.3	1,580.0	0.9	0.0	0.0	0.9	440.1	12.4	8.9	0.0	6.7	R 530.5	-6.6	R 3,882.1
2017	1,439.5	1,411.6	0.8	0.0	0.0	0.8	403.5	9.8	7.5	0.0	R 20.1	R 617.0	-19.1	R 3,890.8
2018	1,178.6	1,689.4	0.6	0.0	0.0	0.6	430.6	10.2	7.8	0.0	R 29.1	R 688.1	15.9	R 4,050.4
2019	982.8	1,828.8	0.5	0.0	0.0	0.5	431.2	13.1	6.4	0.0	38.8	R 743.6	-15.2	R 4,030.1
2020	866.7	1,773.4	0.5	0.0	0.0	0.5	R 432.9	9.5	5.2	0.0	R 74.8	R 809.9	-10.5	R 3,961.8
2021	962.4	1,661.6	2.3	0.0	0.0	2.3	420.0	9.6	5.8	0.0	131.9	879.3	-8.3	4,063.6

^a Includes supplemental gaseous fuels that are commingled with natural gas.

^b Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Solar thermal and photovoltaic energy.

^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other

fossil fuels from which they are mostly derived, but should be counted only once in the total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. · The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. · Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. · The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>