

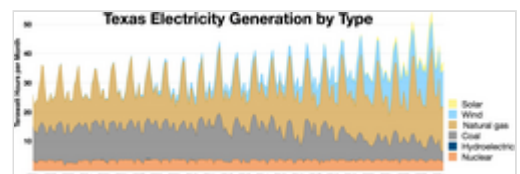
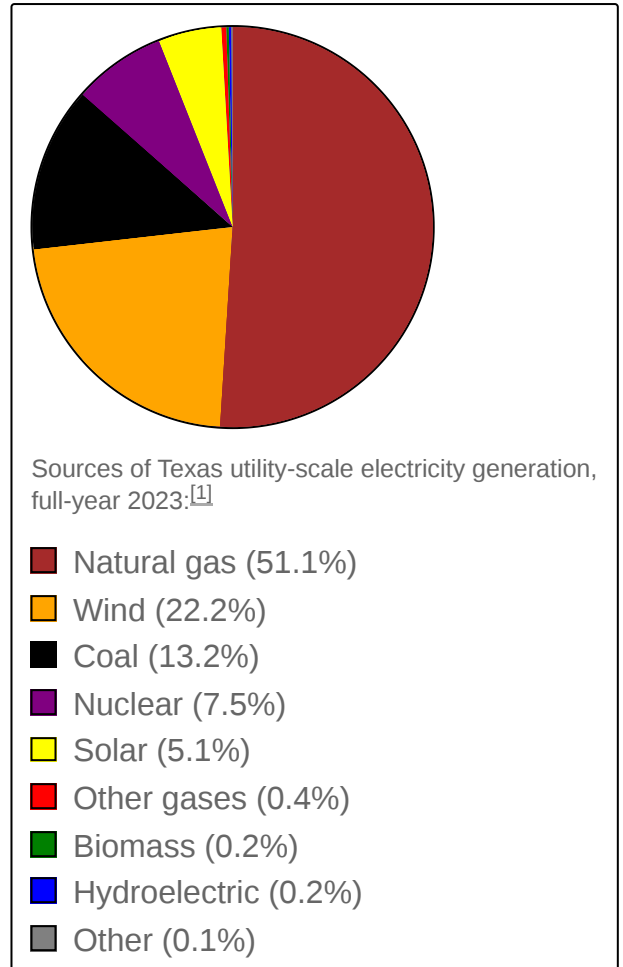


List of power stations in Texas

This is a list of electricity-generating **power stations in the U.S. state of Texas**, sorted by type and name. In 2022, Texas had a total summer capacity of 148,900 MW through all of its power plants, and a net generation of 525,562 GWh.^[2] In 2023, the electrical energy generation mix was 51.1% natural gas, 22.2% wind, 13.2% coal, 7.5% nuclear, 5.1% solar, 0.4% other gases, 0.2% biomass, 0.2% hydroelectric and 0.1% other sources. Small-scale photovoltaic installations generated an additional 4,337 GWh to the Texas electrical grid in 2023.^[1]

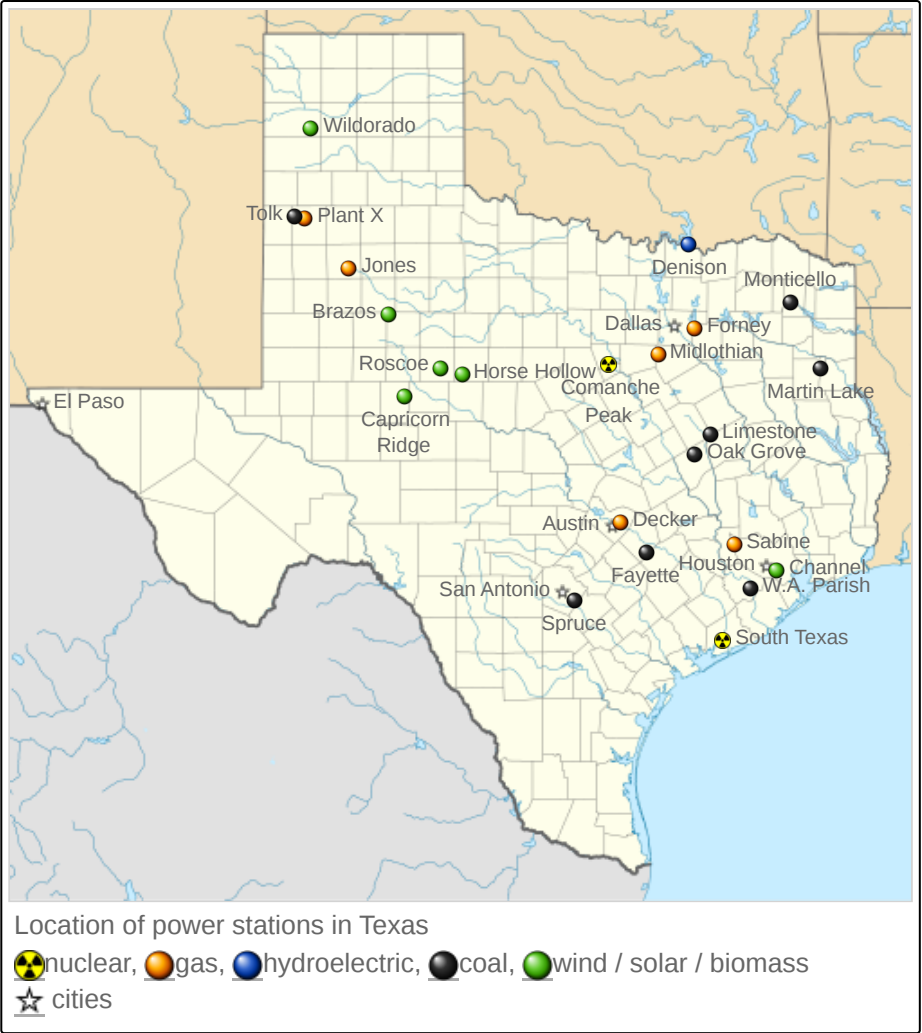
Texas produces and consumes far more electrical energy than any other U.S. state. It generates almost twice as much electricity as the next highest generating state, Florida. Texas has an expanding variety of generating sources to meet consumption growth. Installed wind capacity grew to 35,000 MW and solar capacity grew to 10,300 MW at the end of 2021.^[3] Wind generation exceeded nuclear in 2014, and was near to surpassing coal in the number two position in 2019.^[1] Fossil-fuel and nuclear generation has remained nearly constant over the past two decades, with natural gas gradually replacing coal.^{[1][4]}

Texas oil extraction operations in year 2019 included the flaring of 250 billion cubic feet of associated petroleum gas, with much of it concentrated in the Permian basin near Midland.^[5] This amount of wasted natural gas could have met all of the state's residential heating and cooking needs,^{[6][7]} or could have generated an amount of electrical energy nearly equal to the state's 40,000 GWh of nuclear generation.^{[8][9]}



Texas electricity generation by type, 2001-2024

Nuclear power stations



Name	Location	Coordinates	Capacity (MW)	Refs
<u>South Texas Project Electric Generating Station</u>	<u>Matagorda County</u>	<u>28.795556°N 96.048889°W</u>	2,500	
<u>Comanche Peak Nuclear Power Plant</u>	<u>Somervell County</u>	<u>32.298333°N 97.785°W</u>	2,208	

Fossil-fuel power stations

Data from the [U.S. Energy Information Administration](#) serves as a general reference.^[10]

Coal and lignite

A useful map^[11] of coal generation plants is provided by the [Sierra Club](#).

Name	Location	Coordinates	Capacity (MW)	Year opened	Scheduled retirement	Refs
Coleto Creek	Fannin	<u>28°42'46"N</u> <u>97°12'51"W</u>	622	1980	Scheduled to close by 2027	[12]
<u>Fayette</u>	La Grange, in Fayette County	<u>29°55'02"N</u> <u>97°14'58"W</u>	1,690	1979 (615MW) 1980 (615MW) 1988 (460MW)		[13]
Harrington	<u>Potter County</u>	<u>35°17'50"N</u> <u>101°44'51"W</u>	1,080	1976 (360MW) 1978 (360MW) 1980 (360MW)	Convert to natural gas by 2025	[14]
<u>J.K. Spruce</u>	Bexar County	<u>29°18'27"N</u> <u>98°19'25"W</u>	1,444	1992 (566MW) 2010 (878MW)		[12]
Limestone	<u>Jewett</u>	<u>31°25'27"N</u> <u>96°15'13"W</u>	1,850	1985 (893MW) 1986 (957MW)		[15]
Major Oak Power	<u>Robertson County</u>	<u>31°5'29"N</u> <u>96°41'34"W</u>	349	1990 (150MW) 1991 (150MW)		[16]
<u>Martin Lake</u>	<u>Rusk County</u>	<u>32°15'35"N</u> <u>94°34'13"W</u>	2,380	1977 (793MW) 1978 (793MW) 1979 (793MW)		[17][12]
<u>Oak Grove</u>	<u>Robertson County</u>	<u>31°10'48"N</u> <u>96°29'30"W</u>	1,796	2010 (917MW) 2011 (879MW)		[18]
Pirkey	Hallsville	<u>32°27'37"N</u> <u>94°29'11"W</u>	721	1985	Scheduled to close in 2023 ^[19]	[12]
San Miguel Lignite Powerplant	<u>Christine</u>	<u>28°42'15"N</u> <u>98°28'38"W</u>	391	1982		[20][21]
Sandy Creek	<u>Riesel</u>	<u>31°28'29"N</u> <u>96°57'23"W</u>	1,008	2013		[12]
Tolk	<u>Lamb County</u>	<u>34°11'05"N</u> <u>102°35'53"W</u>	1,136	1982 (568MW) 1985 (568MW)	Scheduled to close by 2032	[12]
<u>W. A. Parish</u> (units 5 to 8)	<u>Fort Bend County</u>	<u>29°28'34"N</u> <u>95°38'0"W</u>	2,736	1977 (734MW) 1978 (734MW) 1980 (614MW)		[12]

				1982 (654MW)		
<u>Welsh</u>	<u>Mount Pleasant</u>	<u>33°03'17"N</u> <u>94°50'24"W</u>	1,116	1977 (558MW) 1982 (558MW)	To cease using coal in 2028 ^[19]	^[12] ^[22]

Defunct

Name	Location	Coordinates	Capacity (MW)	Decommissioned	Refs
<u>Big Brown</u>	<u>Freestone County</u>	<u>31°49'14"N</u> <u>96°03'22"W</u>	1,186	2018	^[23]
<u>Gibbons Creek</u>	Grimes County	<u>30°37'9"N 96°4'54"W</u>	453	2018	^[12] ^[24]
<u>J.T. Deely</u>	Bexar County	<u>29°18'25"N</u> <u>98°19'12"W</u>	932	2018	^[12]
<u>Monticello</u>	<u>Titus County</u>	<u>33°05'28"N</u> <u>95°02'17"W</u>	1,980	2018	^[12]
<u>Oklunion</u>	<u>Wilbarger County</u>	<u>34°4'57"N 99°10'34"W</u>	650	2020	^[12]
<u>Sadow</u>	Milam County	<u>30°33'51"N</u> <u>97°03'50"W</u>	1,252	2018	^[12] ^[25] ^[26]

Natural gas

Data from U.S. Energy Information Administration.^[10] Additional data sources:^[27]^[28]^[29]

Name	Location	Coordinates	Capacity (MW)	Generation type	Year opened	Refs
Arthur von Rosenberg	<u>Bexar County</u>	<u>29.2570°N</u> <u>98.3840°W</u>	518.0	2x1 combined cycle	2000	
Antelope Elk Energy Center	<u>Abernathy, Texas</u>	<u>33.8632°N</u> <u>101.8431°W</u>	738.0	Reciprocating engine (x18) simple cycle (x3)	2011 (157MW) 2016 (581MW)	
Barney M Davis	<u>Nueces County</u>	<u>27.6064°N</u> <u>97.3117°W</u>	938.0	Steam turbine 2x1 combined cycle	1974 (300MW) 2010 (638MW)	
Bastrop Energy Center	<u>Bastrop County</u>	<u>30.1458°N</u> <u>97.5500°W</u>	540.0	2x1 combined cycle	2002	[29]
Baytown Energy Center	<u>Chambers County</u>	<u>29.7731°N</u> <u>94.9019°W</u>	800.0	3x1 combined cycle	2002	
Bacliff	<u>Galveston County</u>	<u>29.4923°N</u> <u>94.9848°W</u>	324.0	Simple cycle (x6)	2018	
Bayou Cogen	<u>Harris County</u>	<u>29.6225°N</u> <u>95.0458°W</u>	300.0	Simple cycle (x4)	2014-2016	
Black Hawk	<u>Hutchinson County</u>	<u>35.6957°N</u> <u>101.3600°W</u>	225.0	Simple cycle	1991/2005	[28]
Bosque County Peaking	<u>Bosque County</u>	<u>27.6064°N</u> <u>97.3117°W</u>	758.0	3x2 combined cycle	2001/2010	
C R Wing Cogen	<u>Howard County</u>	<u>32.2732°N</u> <u>101.4224°W</u>	212.0	2x1 combined cycle	1987	
Cedar Bayou	<u>Chambers County</u>	<u>29.7500°N</u> <u>94.9256°W</u>	1,495.0	Steam turbine (x2)	1970/1972	
Cedar Bayou 4	<u>Chambers County</u>	<u>29.7516°N</u> <u>94.9231°W</u>	502.0	2x1 combined cycle	2009	
Channel Energy Center	<u>Pasadena</u>	<u>29.7189°N</u> <u>95.2319°W</u>	768.0	3x1 combined cycle	2002/2014	[30]
Channelview	<u>Harris County</u>	<u>29°50'08"N</u> <u>95°07'27"W</u>	830.0	4x1 combined cycle	2002	[31][29]
Colorado Bend Energy Center	Wharton, Tx	<u>29.2878°N</u> <u>96.0683°W</u>	484.0	2x1 combined cycle (x2)	2002/2008	[32][33][29]
Colorado Bend II	<u>Wharton County</u>	<u>29.2894°N</u> <u>96.0654°W</u>	1,140.0	2x1 combined cycle	2017	
Corpus Christi Energy Center	<u>Nueces County</u>	<u>30.2588°N</u> <u>93.7353°W</u>	469.0	2x1 combined cycle	2002	
Cottonwood Energy Center	<u>Newton County</u>	<u>30.2588°N</u> <u>93.7353°W</u>	1,180.0	1x1 combined cycle (x4)	2003	
Decker Creek Power	<u>Austin</u>	<u>30.3033°N</u> <u>97.6128°W</u>	928.0	Steam turbine (x2)	1975/1978 (724MW)	[27]

Station				simple cycle (x4)	2008 (204MW)	
DeCordova	<u>Hood County</u>	<u>32.4031°N</u> <u>97.7006°W</u>	282.0	Simple cycle (x4)	1990	[28]
Deer Park	<u>Harris County</u>	<u>29°42'55"N</u> <u>95°08'10"W</u>	830.0	5x1 combined cycle	2004/2014	[34][29]
Eastman Cogen Facility	<u>Harrison County</u>	<u>32.4481°N</u> <u>94.6903°W</u>	410.0	2x1 combined cycle	2001	
Ennis	<u>Ellis County</u>	<u>32.3200°N</u> <u>96.6750°W</u>	360.0	1x1 combined cycle	2002	[28]
ExxonMobil Baytown	<u>Harris County</u>	<u>29.7591°N</u> <u>95.0096°W</u>	454.0	Simple cycle (x9)	1977-2004	
ExxonMobil Beaumont	<u>Jefferson County</u>	<u>30.0636°N</u> <u>94.0753°W</u>	605.0	Steam turbine (x5) simple cycle (x4)	1966-1993 (138MW) 1993-2005 (467MW)	
Formosa Utility Venture	<u>Newton County</u>	<u>30.2588°N</u> <u>93.7353°W</u>	597.3	7x3 combined cycle	1994/2003	
Forney Energy Center	<u>Kaufman County</u>	<u>32°45'46"N</u> <u>96°29'00"W</u>	1,784.0	6x2 combined cycle	2003	[35]
Freeport Energy	<u>Brazoria County</u>	<u>28.9913°N</u> <u>95.4075°W</u>	516.0	Simple cycle 2x1 combined cycle (x2)	1978 (59MW) 1982-1984 (457MW)	
Freeport Energy Center	<u>Brazoria County</u>	<u>28.9888°N</u> <u>95.3954°W</u>	219.4	1x1 combined cycle	2007	
Freestone ^[36]	<u>Freestone County</u>	<u>31.8907°N</u> <u>96.1131°W</u>	951.0	2x1 combined cycle (x2)	2002	[28]
Galveston Power Station 4	<u>Galveston County</u>	<u>29.3782°N</u> <u>94.9219°W</u>	172.0	2x1 combined cycle	1986	
Graham	<u>Young County</u>	<u>33.1344°N</u> <u>98.6117°W</u>	624.0	Steam turbine (x2)	1960/1969	[27]
Green Power	<u>Galveston County</u>	<u>29.3781°N</u> <u>95.9327°W</u>	624.0	3x2 combined cycle	2003/2009	
Greens Bayou	<u>Harris County</u>	<u>29.8222°N</u> <u>95.2194°W</u>	330.0	Simple cycle (x6)	1976	
Gregory	<u>San Patricio County</u>	<u>27.8893°N</u> <u>97.2584°W</u>	550.0	2x1 combined cycle	2000	
Guadalupe	<u>Guadalupe County</u>	<u>29°37'32"N</u> <u>98°08'28"W</u>	1,000.0	2x1 combined cycle (x2)	2000	[37][29]
Hal C Weaver	<u>UT-Austin</u>	<u>30.2867°N</u> <u>97.7356°W</u>	146.8	1x1 combined cycle 1x3 combined cycle	2004 (72.6MW) 2010 (74.2MW)	
Handley	<u>Tarrant County</u>	<u>32.7283°N</u> <u>97.2192°W</u>	1,265.0	Steam turbine (x3)	1963/1977	[27]

Harrison County	<u>Harrison County</u>	<u>32.3958°N</u> <u>94.4367°W</u>	514.4	2x1 combined cycle	2002	
Hays Energy Project	<u>Hays County</u>	<u>29°46'50"N</u> <u>97°59'22"W</u>	1,100.0	Combined cycle (x4)	2004	[38][29]
Hidalgo Energy Center	<u>Hidalgo County</u>	<u>26.3417°N</u> <u>98.1758°W</u>	470.0	2x1 combined cycle	2000	
Houston Chemical Complex	<u>Harris County</u>	<u>29.7314°N</u> <u>95.0839°W</u>	263.0	3x1 combined cycle	1982/2005	
Ingleside Cogen	<u>San Patricio County</u>	<u>27.8828°N</u> <u>97.2428°W</u>	310.0	1x1 combined cycle	1999	
J Robert Massengale	<u>Lubbock County</u>	<u>33.6039°N</u> <u>101.8408°W</u>	74.0	2x1 combined cycle	1957/2000	
Jack County	<u>Wise County</u>	<u>31.8907°N</u> <u>96.1131°W</u>	1,240.0	2x1 combined cycle (x2)	2006/2011	[29]
Jack Fusco Energy Center Brazos Valley	<u>Fort Bend County</u>	<u>29.4731°N</u> <u>95.6244°W</u>	520.0	2x1 combined cycle	2003	[29]
Johnson County	<u>Johnson County</u>	<u>32.3994°N</u> <u>97.4078°W</u>	267.0	1x1 combined cycle	1996	
Jones Generating Station	<u>Lubbock County</u>	<u>33°31'27.5"N</u> <u>101°44'23"W</u>	820.0	Steam turbine (x2) simple cycle (x2)	1971/1974 (486MW) 2011/2013 (334MW)	[39]
Knox Lee Power Station	<u>Gregg County</u>	<u>32.3770976°N</u> <u>94.6413185°W</u>	501.0	Steam turbine (x3)	1950/1952/1974	[40]
Lake Hubbard	<u>Dallas County</u>	<u>32.8358°N</u> <u>96.5458°W</u>	915.0	Steam turbine (x2)	1970/1973	[27]
Lamar Power Project	<u>Lamar County</u>	<u>33.6308°N</u> <u>95.5900°W</u>	1,036.0	2x1 combined cycle (x2)	2000	
Lewis Creek	<u>Montgomery County</u>	<u>30.4356°N</u> <u>95.5210°W</u>	503.0	Steam turbine (x2)	1970/1971	
<u>Lost Pines 1</u>	<u>Bastrop County</u>	<u>30.1478°N</u> <u>97.2714°W</u>	511.0	2x1 combined cycle	2001	[41]
Magic Valley	<u>Hidalgo County</u>	<u>26.3403°N</u> <u>98.1900°W</u>	682.0	2x1 combined cycle	2002	
Midlothian	<u>Ellis County</u>	<u>32°25'48"N</u> <u>97°03'18"W</u>	1,734.0	Combined cycle (x6)	2000/2001	[28][42]
Montana Station	<u>El Paso County</u>	<u>31.8239°N</u> <u>106.2119°W</u>	352.0	Simple cycle (x4)	2015/2016	
Morgan Creek	<u>Mitchell County</u>	<u>32.3358°N</u> <u>100.9156°W</u>	402.0	Simple cycle (x6)	1988	
Mountain Creek	<u>Dallas County</u>	<u>32.7231°N</u> <u>96.9358°W</u>	808.0	Steam turbine (x3)	1956/1958/1967	[27]

Mustang	Yoakum County	<u>32.9728°N</u> <u>102.7417°W</u>	913.0	2x1 combined cycle simple cycle (x3)	1999/2000 (463MW) 2006-2013 (450MW)	[28]
Newman	<u>El Paso County</u>	<u>31.9836°N</u> <u>106.4318°W</u>	550.0	2x1 combined cycle (x2)	1975/2011	
Nichols	<u>Potter County</u>	<u>35.2825°N</u> <u>101.7468°W</u>	457.0	Steam turbine (x3)	1960/1962/1968	[28][43]
Nueces Bay	<u>Nueces County</u>	<u>27.8194°N</u> <u>97.4192°W</u>	638.0	2x1 combined cycle	1972/2010	
Odessa Ector	<u>Ector County</u>	<u>31°50'16"N</u> <u>102°19'40"W</u>	1,135.0	2x1 combined cycle (x2)	2001	[28][44]
Optim Energy Altura	<u>Harris County</u>	<u>29.8161°N</u> <u>95.1077°W</u>	540.0	6x1 combined cycle	1986	
<u>O W Sommers</u>	<u>Bexar County</u>	<u>29.3081°N</u> <u>98.3242°W</u>	830.0	Steam turbine (x2)	1972/1974	
Oyster Creek	<u>Brazoria County</u>	<u>28.9802°N</u> <u>95.3420°W</u>	425.0	3x1 combined cycle	1994	
Paris Energy Center	<u>Lamar County</u>	<u>27.8893°N</u> <u>97.2584°W</u>	236.0	2x1 combined cycle	1989	
Pasadena Cogen	<u>Harris County</u>	<u>29.7247°N</u> <u>95.1765°W</u>	720.0	1x1 combined cycle 2x1 combined cycle	1998 (225MW) 2000 (495MW)	
Permian Basin	<u>Ward County</u>	<u>31.5839°N</u> <u>102.9633°W</u>	321.0	Simple cycle (x5)	1988/1990	
<u>Plant X</u>	<u>Lamb County</u>	<u>34°09'57"N</u> <u>102°24'38"W</u>	442.0	Steam turbine (x4)	1952-1964	
Port Arthur Air Products	<u>Jefferson County</u>	<u>29.8665°N</u> <u>93.9651°W</u>	138.4	Simple cycle (x3)	2006-2012	
Port Arthur Refinery	<u>Jefferson County</u>	<u>29.8885°N</u> <u>93.9510°W</u>	550.0	5x3 combined cycle	1957-2011	
Quail Run Energy Center	<u>Ector County</u>	<u>31.8414°N</u> <u>102.3150°W</u>	472.0	2x1 combined cycle (x2)	2002/2007	
R W Miller	<u>Palo Pinto County</u>	<u>32.6581°N</u> <u>98.3103°W</u>	574.0	Steam turbine (x3) simple cycle (x2)	1968-1975 (366MW) 1994 (208MW)	
Ray Olinger	<u>Collin County</u>	<u>33.0681°N</u> <u>96.4525°W</u>	320.0	Steam turbine (x3)	1967/1971/1976	
Rio Nogales	<u>Seguin, Texas</u>	<u>29°35'36"N</u> <u>97°58'25"W</u>	800.0	3x1 combined cycle	2002	[29]
Roland C. Dansby	<u>Brazos County</u>	<u>30.7217°N</u> <u>96.4608°W</u>	204.2	Steam turbine simple cycle (x2)	1978 (110MW) 2004/2010 (94.2MW)	[45]
Sabine / Sabine River Works	<u>Orange County</u>	<u>30°01'27"N</u> <u>93°52'30"W</u>	2,124.0	Steam turbine (x4) 1x1 combined cycle	1962-1979 (1,530MW) 1987 (87MW) 2001 (507MW)	[27][46]

				2x1 combined cycle (x2)		
Sam Bertron	Harris County	<u>29°43'35"N</u> <u>95°03'33"W</u>	875			[27]
Sam Rayburn	Victoria County	<u>28.8947°N</u> <u>97.1350°W</u>	205.0	Simple cycle (x2) 3x1 combined cycle	1963 (21MW) 2003 (184MW)	[29]
San Jacinto	Harris County	<u>29.6948°N</u> <u>95.0406°W</u>	162.0	Simple cycle (x2)	1995	
Sherman	Grayson County	<u>33.5779°N</u> <u>96.6151°W</u>	758.0	2x1 combined cycle	2014	[47][48]
<u>Sim Gideon</u>	Bastrop County	<u>30.1456°N</u> <u>97.2708°W</u>	608.0	Steam turbine (x3)	1965/1968/1972	[49]
Sand Hill Energy Center	<u>Travis County</u>	<u>30.209°N</u> <u>97.613°W</u>	596.0	Simple cycle (x6) 1x1 combined cycle	2001/2010 (284MW) 2004 (312MW)	[29]
Stryker Creek	<u>Cherokee County</u>	<u>31.9398°N</u> <u>94.9898°W</u>	669.0	Steam turbine (x2)	1958/1965	
Sweeny Cogen	<u>Brazoria County</u>	<u>29.0728°N</u> <u>95.7450°W</u>	436.0	Simple cycle (x4)	1997/2000	
T H Wharton	Harris County	<u>29.9417°N</u> <u>95.5306°W</u>	1,025.0	Simple cycle x4x1 combined cycle (x2)	1967/1975 (361MW) 1972/1974 (664MW)	
Tenaska Frontier Generation Station	<u>Grimes County</u>	<u>30.5924°N</u> <u>95.9178°W</u>	860.0	3x1 combined cycle	2000	
Tenaska Gateway Generation Station ^[50]	Rusk County	<u>32.0184097°N</u> <u>94.6192779°W</u>	845.0	3x1 combined cycle	2001	[51]
Temple 1&2	<u>Bell County</u>	<u>31.0568°N</u> <u>97.3160°W</u>	1,500.0	2x1 combined cycle (x2)	2014/2015	[52][53][54][55]
Texas City Cogen	Galveston County	<u>29.3787°N</u> <u>94.9439°W</u>	451.0	3x1 combined cycle	1987	
<u>Thomas C. Ferguson</u>	<u>Llano County</u>	<u>30°33'27"N</u> <u>98°22'20"W</u>	516.0	2x1 combined cycle	2014	[56]
V H Braunig	<u>Bexar County</u>	<u>29.2567°N</u> <u>98.3825°W</u>	1,050.0	Steam turbine (x3) simple cycle (x4)	1966-1973 (859MW) 2010 (191MW)	
Victoria	<u>Victoria County</u>	<u>28.7883°N</u> <u>97.0100°W</u>	300.0	1x1 combined cycle	1963/2009	
<u>W. A. Parish</u>	Fort Bend County	<u>29°28'34"N</u> <u>95°38'0"W</u>	1,043.0	Steam turbine (x4) simple cycle (x2)	1958-1968 (956MW) 1967/2013 (87MW)	
<u>Wilkes</u>	Marion County	<u>32°50'53"N</u> <u>94°32'52"W</u>	879.0	Steam turbine (x3)	1964/1970/1971	

Winchester Power Park	Fayette County	30.0381°N 96.9875°W﻿	176.0	Simple cycle (x4)	2010	[57]
Wise County	<u>Wise County</u>	33.0583°N 97.9103°W﻿	670.0	2x1 combined cycle	2004	
Wolf Hollow 1	Hood County	32°20′05″N 97°44′04″W﻿	750.0	2x1 combined cycle (x2)	2003	[28][58]
Wolf Hollow 2	Hood County	32.340666°N 97.733998°W﻿	1200.0	2x1 combined cycle (x2)	2017	[28][59]

Defunct

Name	Location	Coordinates	Capacity (MW)	Decommissioned	Refs
Eagle Mountain	Tarrant County	32.9056°N 97.4792°W﻿	696	2005	[27][60]
Paint Creek	Haskell County	33°04′46″N 99°34′51″W﻿	218	2002	[61]
P.H. Robinson	Galveston County	29°29′15″N 94°58′46″W﻿	2,316	2009	[62]

Renewable power stations

Data from the U.S. Energy Information Administration serves as a general reference.^[10]

Biomass

Name	Location	Coordinates	Capacity (MW)	Refs
Nacogdoches Generating Facility	<u>Nacogdoches County</u>	31.8321°N 94.9006°W﻿	100	[63]
Rio Grande Valley Sugar Growers	<u>Santa Rosa</u>	26°16′11″N 97°52′0″W﻿	23.5	[64]
Snider Industries	<u>Marshall</u>	32°34′45″N 94°22′27″W﻿	5	[64]
Texarkana Mill	<u>Cass County</u>	33°15′27″N 94°04′17″W﻿	65	[65]
Woodville Renewable Power	<u>Woodville</u>	30°44′56″N 94°26′10″W﻿	49	[64]

Defunct

Name	Location	Coordinates	Capacity (MW)	Decommissioned	Refs
Aspen Biomass Power Plant	<u>Lufkin</u>	31°22′9″N 94°44′22″W﻿	44	2016	[66]

Hydroelectric dams

Name	Location	Type	Capacity (MW)	Operator	Year opened	Refs
<u>Amistad Dam</u>	<u>Val Verde County, Texas</u>	Hydro	132	<u>International Boundary and Water Commission</u>	1969	[67]
<u>Buchanan Dam</u>	<u>Colorado River (Texas)</u>	Hydro	48	<u>Lower Colorado River Authority</u>	1937	[68]
<u>Denison Dam</u>	Bryan County, Oklahoma / Grayson County, Texas	Hydro	80	<u>United States Army Corps of Engineers</u>	1945	[68]
<u>Falcon Dam</u>	<u>Rio Grande</u>	Hydro	63	<u>International Boundary and Water Commission</u>	1954	[69]
<u>Inks Dam</u>	<u>Colorado River (Texas)</u>	Hydro	15	<u>Lower Colorado River Authority</u>	1938	[70]
<u>Mansfield Dam</u>	<u>Colorado River (Texas)</u>	Hydro	102	<u>Lower Colorado River Authority</u>	1941	[71]
<u>R.C. Thomas Hydroelectric Project</u>	<u>Trinity River (Texas)</u>	Hydro	24	East Texas Electrical Cooperative	2020	[72]
<u>Sam Rayburn Dam</u>	<u>Angelina River</u>	Hydro	52	<u>United States Army Corps of Engineers</u>	1966	[73]
<u>Max Starcke Dam</u>	<u>Colorado River (Texas)</u>	Hydro	41	<u>Lower Colorado River Authority</u>	1951	[74]
<u>Toledo Bend Dam</u>	<u>Sabine River (Texas–Louisiana)</u>	Hydro	92	Sabine River Authority of Texas	1969	[75]
<u>Tom Miller Dam</u>	<u>Colorado River (Texas)</u>	Hydro	17	<u>Lower Colorado River Authority</u>	1940	[76]
<u>Whitney Dam</u>	Bosque and Hill counties, Texas	Hydro	43	<u>United States Army Corps of Engineers</u>	1951	[77][78]
<u>Wirtz Dam</u>	Llano and Burnet counties, Texas	Hydro	60	<u>Lower Colorado River Authority</u>	1951	[79]

Wind farms

The following list emphasizes operating wind farms in Texas that are 100 MW or larger.

Name	Location	Coordinates	Capacity (MW)	Turbine manufacturer	Year opened	Refs
Amazon Wind Farm Texas	Scurry	32°51'50"N 100°58'30"W	253	GE Energy	2017	[80]
Anacacho Wind Farm (https://en.openei.org/wiki/Anacacho_Wind_Farm)	Kinney	29°11'41"N 100°11'16"W	100	Vestas	2012	
Azure Sky Wind Project			350.2		2024	[81]
Bearkat Wind Farm	Glasscock	31°43'38"N 101°34'55"W	196.7	Vestas	2017	
Bethel Wind Farm	Castro	34°34'29"N 102°28'10"W	276	GE Energy	2017	
Blue Cloud Wind Farm	Bailey , Lamb	34°04'17"N 102°36'08"W	148.4	Vestas	2018	[82]
Buffalo Gap Wind Farm	Nolan , Taylor	32°18'38"N 100°08'57"W	523.3	Mitsubishi	2008	
Brazos Wind Farm	Scurry	32°57'00"N 101°08'49"W	160	Vestas	2003	[83]
Breunings Breeze Wind Farm	Willacy	26°27'49"N 97°49'47"W	228	Acciona	2018	[84]
Bull Creek Wind Farm	Borden	32°55'47"N 101°35'03"W	180	Mitsubishi	2008	
Cactus Flats Hill Wind Farm	Concho	31°19'59"N 98°52'48"W	148.4	Vestas	2018	[85]
Camp Springs Energy Center	Scurry	32°43'56"N 100°48'28"W	250.5	GE Energy	2008	[83]
Canyon Wind Farm			308.8		2024	[81]
Capricorn Ridge Wind Farm	Coke , Sterling	31°54'11"N 100°54'04"W	662.5	GE Energy/ Siemens	2008	
Chapman Ranch Wind Farm	Nueces	27°37'23"N 97°31'46"W	236	Acciona	2017	
Cedro Hill Wind Farm	Webb	27°34'35"N 98°54'18"W	150	GE Energy	2010	[86]
Colbeck's Corner Wind Farm	Carson , Gray	35°15'15"N 101°11'12"W	200	GE Energy	2016	
Desert Sky Wind Farm	Pecos	30°54'57"N 102°6'29"W	160.5	GE Energy	2001	[83]
Elbow Creek Wind Project	Howard	32°12'57"N 101°25'51"W	121.9	Siemens	2008	[83]
Electra Wind Farm	Wilbarger	34°08'48"N 99°29'39"W	230	GE Energy	2016	[87]

Falvez Astra Wind Farm	<u>Randall</u>	<u>34°46'36"N</u> <u>102°03'48"W</u>	163.2	GE Energy	2017	[88]
Flat Top Wind Farm	<u>Mills</u>	<u>31°40'32"N</u> <u>98°31'04"W</u>	200	Vestas	2018	[89]
Goat Mountain Wind Ranch (http://www.cielowind.com/projects/goat-mountain-wind-ranch)	Coke, Sterling	<u>31°57'5"N</u> <u>100°47'55"W</u>	149.6	Mitsubishi	2009	[83]
Goldthwaite Wind Farm	<u>Mills</u>	<u>31°24'28"N</u> <u>98°28'47"W</u>	148.6	GE Energy	2014	[90]
Goodnight Wind Farm			265.5		2024	[81]
Grandview Wind Farm	Carson	<u>35°20'44"N</u> <u>101°22'50"W</u>	211	GE Energy	2014	[91]
Green Pastures Wind Farm (I & II)	<u>Baylor</u> , <u>Knox</u>	<u>33°37'42"N</u> <u>99°24'40"W</u>	300	<u>Acciona</u>	2015	[92]
Gulf Wind Farm	<u>Kenedy</u>	<u>27°05'16"N</u> <u>97°35'22"W</u>	283	Mitsubishi	2009	[93]
Hackberry Wind Project	Shackelford	<u>32°49'27"N</u> <u>99°16'42"W</u>	165	Siemens	2008	
Hale Wind Farm	<u>Hale</u>	<u>33°55'40"N</u> <u>101°44'32"W</u>	478	Vestas	2019	[94]
Hereford Wind Farm	<u>Deaf Smith</u>	<u>34°49'05"N</u> <u>102°24'34"W</u>	200	GE Energy/Vestas	2014	[95]
Hidalgo Wind Farm	<u>Hidalgo</u>	<u>26°27'56"N</u> <u>98°24'40"W</u>	250	Vestas	2016	[96]
Horse Creek Wind Farm	<u>Haskell</u>	<u>33°09'36"N</u> <u>99°45'00"W</u>	230	GE Energy	2016	[97]
Horse Hollow Wind Energy Center	Nolan, Taylor	<u>32°11'24"N</u> <u>100°01'48"W</u>	735.5	GE Energy/Siemens	2006	
Javelina Wind Energy Center	<u>Webb</u> , <u>Duval</u>	<u>27°26'24"N</u> <u>98°54'36"W</u>	748.7	GE Energy	2018	[98]
Jumbo Road Wind	Castro	<u>34°49'05"N</u> <u>102°24'35"W</u>	300	GE Energy	2015	[99]
Karankawa	<u>Patricio/Bee</u>	<u>28°09'14"N</u> <u>97°46'12"W</u>	307	<u>GE Energy</u>	2020	[100]
Keechi Wind Project	<u>Jack</u>	<u>31°31'1"N</u> <u>95°57'12"W</u>	110	Vestas	2015	
King Mountain Wind Farm	<u>Upton</u>	<u>31°14'16"N</u> <u>102°14'16"W</u>	278.2	Bonus/GE Energy	2001	
Langford Wind Farm	Tom Green, Schleicher, Irion	<u>31°06'15"N</u> <u>100°39'39"W</u>	150	GE Energy	2009	
Live Oak Wind Farm	<u>Schleicher</u>	<u>30°53'56"N</u> <u>100°36'37"W</u>	199.5	<u>Gamesa</u>	2018	[101]

Logan's Gap Wind Farm	<u>Comanche</u>	<u>31°49'21"N</u> <u>98°41'26"W</u>	200	Siemens	2015	[102]
Lone Star Wind Farm	<u>Shackelford, Callahan</u>	<u>32°16'22"N</u> <u>99°27'22"W</u>	400	<u>Gamesa</u>	2008	
Los Vientos Wind Farm	<u>Starr, Willacy</u>	<u>26°22'00"N</u> <u>98°49'00"W</u>	912	Mitsubishi/Siemens/Vestas	2016	[103]
Magic Valley Wind Farm	<u>Willacy</u>	<u>26°24'57"N</u> <u>97°33'56"W</u>	203	Vestas	2012	[104]
Majestic Wind Farm	<u>Carson</u>	<u>35°22'50"N</u> <u>101°31'41"W</u>	161.1	Vestas	2012	[105]
Mariah North Wind Farm	<u>Parmer</u>	<u>34°31'49"N</u> <u>102°55'28"W</u>	230.4	GE Energy	2016	[106]
McAdoo Wind Farm	<u>Dickens</u>	<u>33°45'06"N</u> <u>100°58'09"W</u>	150	GE Energy	2008	
Mesquite Creek Wind	<u>Borden, Dawson</u>	<u>32°42'00"N</u> <u>101°44'28"W</u>	211	GE Energy	2015	[107]
Miami Wind Energy Center	<u>Roberts, Hemphill, Gray, Wheeler</u>	<u>35°39'14"N</u> <u>100°32'19"W</u>	289	GE Energy	2014	[108]
Notrees Windpower	<u>Ector, Winkler</u>	<u>31°59'48"N</u> <u>102°50'22"W</u>	150	Vestas/GE Energy	2009	
Palo Duro Wind Energy Center	<u>Hansford, Ochiltree</u>	<u>36°24'51"N</u> <u>101°02'00"W</u>	250	GE Energy	2014	[109]
Panhandle Wind Farm (I & II)	<u>Carson</u>	<u>35°25'39"N</u> <u>101°15'11"W</u>	400	GE/Siemens	2014	
Panther Creek Wind Farm	<u>Big Spring</u>	<u>31°59'00"N</u> <u>101°7'00"W</u>	457.5	GE Energy	2009	
Papalote Creek Wind Farm	<u>San Patricio</u>	<u>27°58'48"N</u> <u>97°23'28"W</u>	380	Siemens/Vestas	2010	[110]
Patriot Wind Farm	<u>Nueces</u>	<u>27°35'34"N</u> <u>97°38'53"W</u>	226	Vestas	2019	[94]
Peñascal Wind Power Project	<u>Kenedy</u>	<u>27°6'44"N</u> <u>97°32'26"W</u>	605.2	Mitsubishi, Gamesa	2010	[83][111]
Prairie Hill Wind Project	<u>Limestone, McLennan</u>	<u>31°34'04"N</u> <u>96°48'45"W</u>	300	<u>Nordex</u>	2020	
Rattlesnake Wind Energy Center	<u>Glasscock</u>	<u>31°46'33"N</u> <u>101°44'27"W</u>	207	GE Energy	2015	[112]
Rattlesnake Wind Farm	<u>McCulloch</u>	<u>31°15'08"N</u> <u>99°31'35"W</u>	160	<u>Goldwind</u>	2018	[113]
Roadrunner Wind Farm			256		2024	[81]
Rocksprings Wind Farm	<u>Val Verde</u>	<u>29°46'16"N</u> <u>100°46'31"W</u>	180	GE Energy	2017	[114]

<u>Roscoe Wind Farm</u>	<u>Roscoe</u>	<u>32°15'52"N</u> <u>100°20'39"W</u>	781.5	GE Energy/Siemens/Mitsubishi	2009	
<u>Route 66 Wind Farm</u>	<u>Carson, Armstrong</u>	<u>34°56'14"N</u> <u>101°26'02"W</u>	150	Vestas	2015	[115]
<u>Salt Fork Wind Farm</u>	<u>Donley, Gray</u>	<u>35°11'18"N</u> <u>100°51'14"W</u>	174	Vestas	2016	[116]
<u>Santa Rita Wind Energy</u>	<u>Reagan</u>	<u>31°10'53"N</u> <u>101°19'08"W</u>	300	GE Energy	2018	[117]
<u>Shannon Wind</u>	<u>Clay</u>	<u>33°30'13"N</u> <u>98°22'25"W</u>	204	GE Energy	2015	[118]
<u>Sherbino Wind Farm</u>	<u>Pecos</u>	<u>30°48'40"N</u> <u>102°21'43"W</u>	300	Vestas	2011	[119]
<u>South Plains Wind Farm</u>	<u>Floyd</u>	<u>34°11'07"N</u> <u>101°22'18"W</u>	500.3	Vestas	2016	[120][121]
<u>Spinning Spur Wind Ranch</u>	<u>Oldham, Potter</u>	<u>35°13'37"N</u> <u>102°12'45"W</u>	516	GE Energy/Siemens/Vestas	2015	[122]
<u>Stella Wind Farm</u>	<u>Kenedy</u>	<u>26°56'21"N</u> <u>97°41'25"W</u>	201	Acciona	2018	[123]
<u>Stephens Ranch Wind Farm (I & II)</u>	<u>Borden, Lynn</u>	<u>32°55'35"N</u> <u>101°38'52"W</u>	376	GE Energy	2015	[124]
<u>Sweetwater Wind Farm</u>	<u>Nolan</u>	<u>32°21'33"N</u> <u>100°21'20"W</u>	585.3	GE Energy/Siemens/Mitsubishi	2007	
<u>Tahoka Wind Farm</u>	<u>Lynn</u>	<u>33°09'03"N</u> <u>100°40'45"W</u>	300	GE Energy	2018	[125]
<u>Trent Wind Farm</u>	<u>Nolan</u>	<u>32°25'19"N</u> <u>100°12'44"W</u>	150	GE Energy	2001	
<u>Trinity Hills Wind Farm</u>	<u>Archer, Young</u>	<u>33°23'14"N</u> <u>98°39'11"W</u>	225	<u>Clipper</u>	2012	[126]
<u>Turkey Track Energy Center</u>	<u>Nolan, Coke, Runnels</u>	<u>32°11'05"N</u> <u>100°16'20"W</u>	170	GE Energy	2008	
<u>Wake Wind Farm</u>	<u>Crosby</u>	<u>33°50'24"N</u> <u>101°06'11"W</u>	257.2	GE Energy	2016	
<u>Wildorado Wind Ranch</u>	<u>Oldham, Potter, Randall</u>	<u>35°17'31"N</u> <u>102°18'11"W</u>	161	Siemens	2007	[83]
<u>Willow Springs</u>	<u>Haskell</u>	<u>33°20'35"N</u> <u>99°38'30"W</u>	250	GE Energy	2017	[127]
<u>Woodward Mountain Wind Ranch</u>	<u>Pecos</u>	<u>30°57'16"N</u> <u>102°25'22"W</u>	159	Vestas	2001	

Solar farms

The following list emphasizes operating solar photovoltaic farms in Texas that are 20 MW or larger.

Name	Location	Coordinates	Capacity (MW _{AC})	Year Completed	Refs
Emerald Grove Solar	Crane County	31.096018650353134, -102.34498206137978	108	2022	
Brightside Solar	Live Oak County	28.453379402854512, -97.97791830349912	50	2022	
Lumina Solar Project I & II			641	2024	[81]
Hecate Energy Frye Solar			500	2024	[81]
Roadrunner 1 & 2	Upton County	<u>31.2194°N 102.1922°W</u>	497	2019/2020	[128]
Orion I+III Solar			450	2024	[81]
Permian	<u>Andrews County</u>		420	2019	+40MW battery ^[129] [130]
Waco Solar			400	2024	[81]
Five Wells Solar Center			355.4	2023	+259 MW battery
Phoebe	<u>Winkler County</u>	<u>31.8434°N 102.8683°W</u>	250	2019	[131]
Sparta Solar			250	2024	[81]
Hopkins Energy			250	2024	[81]
Rambler Solar	<u>Tom Green County</u>	<u>31.5170°N 100.6000°W</u>	200	2020	[132]
Holstein Solar	<u>Nolan County</u>	<u>32.1041°N 100.1624°W</u>	200	2020	[133]
Texas Solar Nova 2			200	2024	[81]
Cutlass Solar II			200	2024	[81]
AP Sunray			200	2024	[81]
Tres Bahias			196.3	2024	[81]
Oberon	<u>Ector County</u>	<u>31.7033°N 102.7012°W</u>	180	2020	[134]
Upton Solar 2	<u>Upton County</u>	<u>31.2418°N 102.2903°W</u>	180	2018	[135][136]
Midway Solar	<u>Pecos County</u>	<u>30.9910°N 102.2214°W</u>	178	2019	[137]
Zier Solar			160	2024	[81]
Roserock Solar	Pecos County	<u>30.9602°N 103.3067°W</u>	157	2016	[138]
Buckthorn Solar 1	Pecos County	<u>30.5755°N 102.5513°W</u>	154	2018	[139]
East Pecos Solar	Pecos County	<u>31.0009°N 102.2817°W</u>	120	2017	[140]

Castle Gap Solar	Upton County	31.2550°N 102.2720°W	116	2017	[141]
Alamo 6	Pecos County	30.9931°N 102.2708°W	110	2017	[142]
Alamo 7	Haskell County	33.0068°N 99.6044°W	106	2016	[143]
Lamesa Solar	Dawson County	32.7156°N 101.9265°W	102	2017	[144]
Lapetus	Andrews County	32.4601°N 102.6728°W	100	2019	[145]
BPL Crown Solar			100	2024	[81]
BPL Sol Solar			100	2024	[81]
Alamo 5	Uvalde	29.2167°N 99.7161°W	95	2016	[146]
Pearl Solar	Pecos County	30.9878°N 102.2683°W	50	2017	[147]
SolaireHolman Solar	Brewster County	30.4551°N 103.4747°W	50	2017	[148]
Ivory	Dawson County	32.7156°N 101.9265°W	50	2018	[149]
Alamo 1	San Antonio	29.2717°N 98.4447°W	41	2013	[150]
Alamo 4	Brackettville	29.3289°N 100.3839°W	39.6	2014	[151]
Webberville Solar Farm	Webberville	30.2383°N 97.5086°W	30	2011	[152]

Utility companies

- [Vistra Energy \(http://vistraenergy.com/\)](http://vistraenergy.com/) (formerly [Energy Future Holdings](#)) (includes [Luminant](#) and [TXU](#))
- [Oncor Electric Delivery \(https://www.oncor.com/EN/Pages/default.html\)](https://www.oncor.com/EN/Pages/default.html)
- [NRG Energy](#) includes [Reliant Energy](#), [Green Mountain Energy](#)
- [CenterPoint](#)
- [AEP](#) (American Electric Power)
- [Austin Energy](#)*
- [Calpine](#)
- [CPS Energy](#)*
- [El Paso Electric](#)
- [Entergy, Texas](#) (Formerly [Gulf States Utilities](#)) Is a separate subsidiary of [Entergy Corporation](#)
- [Lubbock Power and Light](#)*
- [Lower Colorado River Authority](#)*
- [Luminant](#)
- [Panda Energy International](#)
- [Quanta Services](#)

- [Pedernales Electric Cooperative](#)^{[153][154][155]}
- [Bailey County Electric Cooperative](https://www.bceCooperative.com/)^{[153][154][155]}
- [Bandera Electric Cooperative](https://banderaelectric.com/)^{[153][155]}
- [Bartlett Electric Cooperative](https://www.bartlettco.coop/)^{[153][155]}
- [Big Country Electric Cooperative](https://www.bigcountry.coop/)^{[153][154][155]}
- [Bluebonnet Electric Cooperative](https://www.bluebonnetelectric.coop/)^{[153][155]}
- [Bowie-Cass Electric Cooperative](https://www.bcec.com/)^{[153][155]}
- [Brazos Electric Cooperative](http://www.brazoselectric.com/)^{[153][155]}
- [Bryan Texas Utilities \(BTU\)](https://www.btutilities.com/)^[153]
- [Central Texas Electric Cooperative](https://www.ctec.coop/)^{[153][154][155]}
- [Cherokee County Electric Cooperative Association](http://www.cceca.net/)^{[153][155]}
- [Coleman County Electric Cooperative](https://www.colemanelectric.org/)^{[153][154][155]}
- [Comanche Electric Cooperative Association](https://www.cecacoop.org/)^{[153][154][155]}
- [Concho Valley Electric Cooperative](https://www.cvec.coop/)^{[153][154][155]}
- [Cooke County Electric Cooperative Association](http://www.cceca.com/)^{[153][154]}
- [CoServ Electric](https://www.coserv.com/)^{[153][155]}
- [Deaf Smith Electric Cooperative](http://www.dsec.org/)^{[153][154][155]}
- [Deep East Texas Electric Cooperative](http://www.deepeast.com/)^{[153][154][155]}
- [East Texas Electric Cooperative](https://www.etc.coop/)^{[153][155]}
- [Fannin County Electric Cooperative](https://www.fcec.coop/)^{[153][154][155]}
- [Farmers Electric Cooperative](https://www.farmersselectric.coop/)^{[153][155]}
- [Fayette Electric Cooperative](https://www.fayette.coop/)^{[153][154][155]}
- [Federated Rural Electric Insurance Exchange](https://www.federatedrural.com/)^[153]
- [Fort Belknap Electric Cooperative](http://www.fortbelknapco.coop/)^{[153][154][155]}
- [Golden Spread Electric Cooperative](https://www.gsec.coop/)^{[153][154][155]}
- [Grayson-Collin Electric Cooperative](https://www.grayson-collin.coop/)^{[153][154][155]}
- [Greenbelt Electric Cooperative](http://www.greenbelteletric.coop/)^{[153][154][155]}
- [Guadalupe Valley Electric Cooperative](https://www.gvec.org/)^{[153][155]}
- [Hamilton County Electric Cooperative Association](https://www.hamiltonelectric.coop/)^{[153][155]}
- [Harmon Electric](http://www.harmonelectric.com/)^[153]
- [Heart of Texas Electric Cooperative](https://www.hotec.coop/)^{[153][154][155]}
- [HILCO Electric Cooperative](https://www.hilco.coop/)^{[153][154][155]}
- [Houston County Electric Cooperative](https://www.houstoncountyelec.com/)^{[153][154][155]}
- [J-A-C Electric Cooperative](https://www.jacelectric.com/)^{[153][154][155]}
- [Jackson Electric Cooperative](https://www.jecec.com/)^{[153][154][155]}
- [Jasper-Newton Electric Cooperative](https://www.jnec.com/)^{[153][154][155]}
- [Karnes Electric Cooperative](https://www.karnesec.org/)^{[153][154][155]}
- [Lamar County Electric Cooperative Association](https://www.lamarelectric.coop/)^{[153][155]}
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- [Lea County Electric Cooperative](https://www.leacountyelectric.coop/)^[153]

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* public utility

[Touchstone Energy](#)

[National Rural Electric Cooperative Association](#)

See also



Energy portal



United States portal



Texas portal

- February 13–16, 2021 North American winter storm

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