



Texas is the No. 1 state for total energy production.

Since the discovery of the Spindletop oilfield in 1901, Texas has embodied the production of energy. Texas' geography and natural resources, excellent transportation systems, skilled labor force, and leadership in environmental research give the state an energy advantage.

According to the U.S. Energy Information Administration (EIA), Texas is the leading state for overall energy production and consumption. With 27 petroleum refineries that can process more than 5.1 million barrels of crude oil per day, Texas leads the nation in crude oil-refining capacity. More than one-fourth of nation's total refining capacity is located in Texas. Innovation in the natural gas industry has further solidified Texas' role as the nation's energy leader over the past few years.

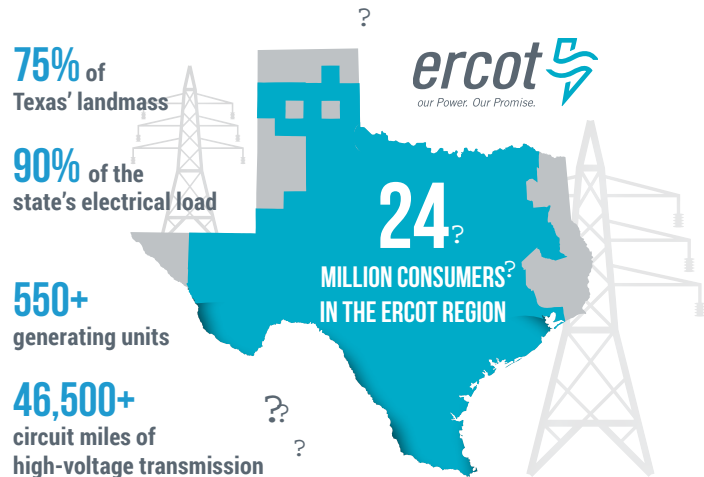
The Lone Star State's renewable energy potential is among the largest in the nation, with abundant wind, solar, and biomass resources found across the state's geographically diverse regions. In recent years, the state has built upon its energy experience and trained workforce to take the lead in renewable energy production and services. As a result, Texas has become the top state in wind generation capacity and biodiesel production.

Key Texas Energy U.S. State Rankings			
No. 1	total energy production	No. 1	biodiesel production
No. 1	crude oil production	No. 1	solar potential
No. 1	natural gas production	No. 2	total renewable energy employment
No. 1	electricity production	No. 4	clean energy-related patents
No. 1	wind energy capacity		

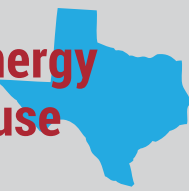
TEXAS IS THE ONLY MAINLAND STATE WITH ITS OWN POWER GRID

Texas produces more electricity than any other state, generating almost twice as much as the second highest-producing state. Electric energy costs are an average of 19 percent less per kWh than the rest of the nation. Commercial and industrial markets natural gas costs are 14.3 percent less per kWh on average in Texas.

The main Texas electricity grid is operated by the Electricity Reliability Council of Texas (ERCOT). The ERCOT grid serves about three-fourths of the state and is largely isolated from the interconnected power systems serving the eastern and western United States. This isolation means the ERCOT grid is not subject to federal oversight and is, for the most part, dependent on its own resources to meet the state's electricity needs. Among the contiguous 48 states, Texas is the only one with a stand-alone electricity grid.



Texas: Energy powerhouse



25%

More than 25% of the nation's proved natural gas reserves are in Texas.

5.1M

As of January 2015, the 27 petroleum refineries in Texas had a capacity of over 5.1 million barrels of crude oil per day and accounted for 29% of total U.S. refining capacity.

2X

Texas produces more electricity than any other state, generating almost twice as much as the second highest-producing state.

1/5

Texas leads the nation in wind-powered generation, with more than one-fifth of the U.S. total in 2014.

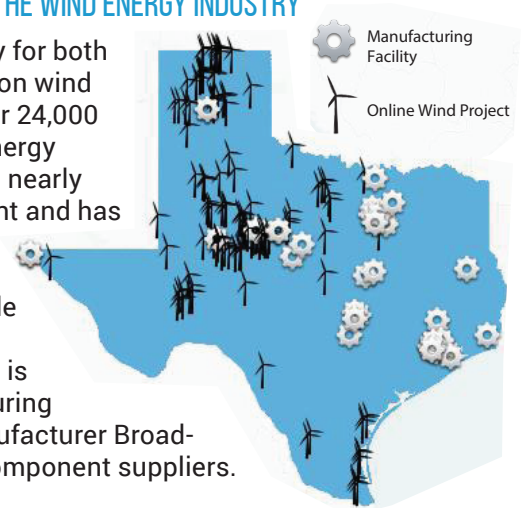
INDUSTRY PRIVATE WORKFORCE AVERAGES

Industry (Industry Code)	Employees	Firms
Oil & Gas Extraction (2111)	103,838	4,387
Drilling Oil & Gas Wells (213111)	46,571	656
Support Activities, Oil/Gas Operations (213112)	128,330	4,442
Power Generation & Supply (2211)	34,657	812
Electric Power Generation (22111)	10,280	305
Electric Power Transmission/Distribution (22112)	8,392	374
Natural Gas Distribution (2212)	8,392	374

2013 data, private employment only. Source: BLS

TEXAS IS A NATIONAL LEADER IN THE WIND ENERGY INDUSTRY

Texas ranks first in the country for both installed and under construction wind capacity, while supporting over 24,000 wind-related jobs. The wind energy industry in Texas has provided nearly \$33 billion in capital investment and has thrived thanks to smart state policy, such as legislation that created Competitive Renewable Energy Zones (CREZ) for wind power transmission. The state is home to at least 40 manufacturing facilities, including tower manufacturer Broadwind Towers and numerous component suppliers.



RENEWABLES

Texas is rich in other renewable energy resources, including solar and biomass. High levels of direct solar radiation in West Texas give the state some of the largest solar power potential in the nation. As of March, 2016 there are more than 445 solar companies at work throughout Texas, employing 7,000 people. 131 MW of solar energy were installed in Texas in the fourth quarter of 2015. That was a 718% increase of the last quarter and a 332% increase over the last year.

SELECT COMPANIES OPERATING IN TEXAS

ExxonMobil

ONCOR

SUNPOWER

Green Mountain Energy

CenterPoint Energy

bp

IBERDROLA RENEWABLES

Marathon Oil

reliant
an NRG company

ConocoPhillips

CALPINE

Updated: June 2016

TEXAS WIDE OPEN
OF BUSINESS

Office of the Governor, Economic Development & Tourism Division
P.O. Box 12428 | Austin, Texas 78711 | 512.936.0100