



ENERGY

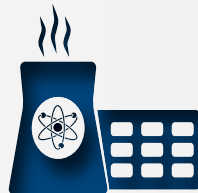
TEXAS
WIDE OPEN
FOR BUSINESS



Since the discovery of the Spindletop oilfield in 1901, Texas has embodied the production of energy. The Energy cluster is made up of three sub-clusters: oil and gas exploration and production; electric/coal/nuclear power generation; and renewable and sustainable energy generation. Texas' geography and natural resources, excellent transportation systems, skilled labor force, and leadership in environmental research give the state an energy advantage.



Texas is the nation's leading crude oil-producing state, with over 3.2 million barrels per day.



Texas is a major nuclear power generating state with almost 5,000 MW of installed nuclear power.



As the only state with its own grid, Texas' electrical transmissions and new energy development are free from federal regulation.



The energy sector contributes more than \$170 billion to the Texas economy.



Texas leads the nation in installed wind capacity (over 14,000 MW), and is home to two of the largest wind farms in the western hemisphere.



Texas is #1 in total energy production, biodiesel production capacity, and solar energy potential.

Education, Research, and Development

Texas universities and other educational institutions are heavily invested in research and development (R&D). In 2013, state expenditures for R&D at higher educational institutions exceeded \$3.7 billion, according to the Texas Higher Education Coordinating Board.

Energy Education and R&D Programs

- ★ Texas A&M University - Department of Nuclear Engineering
- ★ Texas Tech University - Wind Science & Engineering Research Center and the National Wind Resource Center
- ★ The University of Texas at Austin - Cockrell School of Engineering
- ★ University of Houston - Cullen College of Engineering

Industry Private Workforce Averages

Texas' superior workforce, vibrant economy, and excellent business climate, along with the state's central location, relatively low production costs, and incentive funding have lured many U.S. and foreign business to expand or relocate in Texas.

Industry (Industry Code)	Employees	Firms	Average Annual Wage
Oil & Gas Extraction (2111)	103,838	4,387	\$174,871
Drilling Oil & Gas Wells (213111)	46,571	656	\$103,072
Support Activities, Oil/Gas Operations (213112)	128,330	4,442	\$87,145
Power Generation & Supply (2211)	34,657	812	\$103,158
Electric Power Generation (22111)	10,280	305	\$111,899
Electric Power Transmission/Distribution (22112)	8,392	374	\$110,211
Natural Gas Distribution (2212)	8,392	374	\$110,211

2013 data, private employment only. Source: BLS

Select Companies Operating in Texas

ExxonMobil



DYNEGY

CenterPoint Energy

bp



ONCOR

reliant
an NRG company

IBERDROLA RENEWABLES

ConocoPhillips

Green Mountain Energy

Marathon Oil

CALPINE

ALSTOM

Apache

SUNPOWER

TXU energy

Anadarko

TARGA



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