

## TXU Clean Air Facts



- TXU is currently the fourth-largest purchaser of wind energy in the United States and the largest in Texas and the Southwest. By the end of 2003, already announced wind capacity contracts will make us the third-largest purchaser of wind power in the nation.
- In 2001, TXU increased its purchases of wind energy by more than 800 percent. Today, we purchase wind power from 440 of Texas' 1,000-plus commercial wind turbines. In 2003, we will add another 240 wind turbines to our portfolio.
- TXU contracts for a total of 386,000 kilowatts of renewable energy in Texas, powering the needs of 80,000 customer homes annually. In 2003, we plan to boost our total to 626,000 kilowatts or enough energy to meet the needs of 132,000 homes each year.
- TXU has experience with renewable projects across the globe. We estimate that in 2001 TXU renewable projects worldwide provided enough energy to power more than 355,000 homes or the annual needs of one million people.



We care about the  
air we breathe.



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## TXU is cleaning the air



At TXU, we are continuing to make positive air quality changes. By May of 2005, we will have reduced nitrogen oxide emissions (a component of ground-level ozone) by 88 percent in the Dallas/Fort Worth Metroplex, 66 percent in west Texas and 51 percent in east and central Texas.

### AIR COMPLIANCE

98.1%	98.2%	98.4%	98.9%	99.0%	99.3%	99.4%	99.3%	99.2%	99.3%
1992	1993	1994	1995	1996	1997	1998	1999	2000	2001

Our 99 percent-plus air compliance rate is one of the best in the industry. We also go above and beyond requirements, when possible, to further improve air quality.

## A record of dedication

As part of our commitment to improving Texas air quality, TXU strives to continuously improve emission controls at our electric generation facilities.

In 2001, the latest period for which figures are available, TXU continued to demonstrate environmental leadership with the following emission rates:

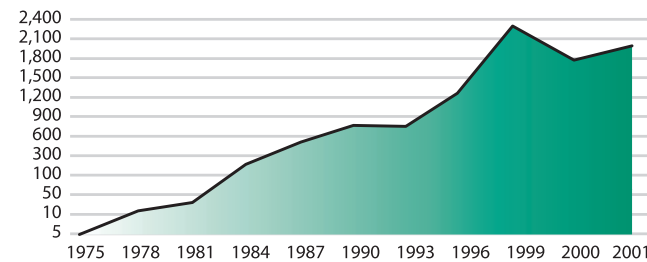
- Average nitrogen oxide (NO<sub>x</sub>) emission rates 18 percent below the national average.
- Average sulfur dioxide (SO<sub>2</sub>) emission rates 21 percent below the national average.
- Average carbon dioxide (CO<sub>2</sub>) emission rates 8 percent below the national average.

## Partnering to make a difference

In the Dallas/Fort Worth Metroplex, more than 80 percent of smog-causing emissions are from mobile sources like cars and trucks. Power plants account for less than 9 percent of annual D/FW emissions—falling to less than 2 percent by 2005.

Because our efforts alone will not solve the ground-level ozone problem, TXU has partnered with the North Texas Clean Air Coalition (NTCAC). Together we funded community education campaigns and the second year of the TXU Community Clean Air Grant Program. Through this program, community groups and organizations received funding to help clean the air during the 2002 ozone season. Improving air quality is everyone's concern and we are committed to doing our share.

TXU TREE PLANTING CHART  
Tree Planting (Thousands)



Since 1975, TXU has also promoted cleaner air through supporting forestry efforts and planting more than 18 million trees.

## Looking to renewable energy

Today TXU Energy is currently the fourth-largest purchaser of wind energy in the United States and the largest in Texas and the Southwest. This is enough energy to serve the annual needs of 80,000 Texas homes.

But we're not stopping there. When all announced projects are completed, our purchases of wind energy will make us third in the United States. At that point, we will purchase wind power from 680 of Texas' 1,200-plus commercial wind turbines. That will be enough energy to power the needs of 132,000 Texas homes every year.

## Reducing greenhouse gas emissions

In conjunction with the U.S. Department of Energy, TXU voluntarily participates in the annual Climate Challenge program. This program, for which the Nature Conservancy of Texas serves as an advisor, has avoided, sequestered or reduced the equivalent of 195,000,000 tons of greenhouse gases since 1991—making TXU's reductions the largest of any investor-owned utility in the nation.



## How to learn more.

Each year for the last 11 years, TXU has published an Environmental Review detailing major initiatives to protect the environment. To obtain a copy, visit us online at ([www.txu.com](http://www.txu.com)).

