



Affordable, Reliable Clean Energy Saved Texans over \$21 billion

A new TEBA study shows that renewables saved Texans about \$21.6 billion between 2010 and 2022.

The study, conducted by IdeaSmiths LLC, shows how clean Texas energy reduces energy costs, boosts reliability, strengthens the ERCOT grid, and fortifies the state's economic future.

It shows that Texas renewables:

- Saved Texas consumers about \$11 billion in the last two years alone.
- Provided about 25% of total electricity demand from June to September 2023, reducing wholesale electricity costs by about \$900 million in that period.
- Reduced energy costs by almost 9% for commercial customers since 2010.

The report also provides regional data showing that in 2022 and 2023 alone, renewables in Texas saved commercial consumers:

- About \$3 billion in the Houston area.
- Roughly \$300 million in the West Texas/Big Bend area.
- More than \$3 billion in the Dallas area.
- About a half-billion dollars in the Permian Basin area, including Midland and Odessa.
- About \$2 billion in the Austin area.

The report uses ERCOT bid market data to estimate how much higher wholesale electricity would have been between 2010–2023 had there been no renewable energy on the grid.

Other highlights from the report:

- Renewables are covering about 25% on average — and sometimes as much as 50% — of peak demand.
- Coal and gas generators represent roughly two-thirds of forced or unplanned power plant outages; renewable energy generators made up a little more than one third.
- Renewables have reduced the strain on traditional thermal generators and helped free up energy for other customers during peak-use periods.
- Wind, solar and storage energy facilities can be built much faster than traditional energy plants, which helps ERCOT meet the state's fast-growing energy needs.
- More than two-thirds of Texas counties either currently host or will likely soon host at least one of Texas' more than 1,000 renewables projects.
- Current and future renewables projects will yield \$12.5 billion–\$15.9 billion in local taxes without adding strain on local communities, and \$11.8 billion–\$21.7 billion in landowner lease payments.
- Renewables protect consumers from grid-scale and utility-scale power outages, such as 2021's catastrophic state-wide winter storm and 2014's rolling blackouts in South Texas.

This report shows that in every region of the state, clean Texas energy saves smaller commercial customers hundreds of dollars per year on electricity bills and larger commercial customers thousands per year.

Employers are coming to Texas and growing in Texas in part because of the state's dependable, open, business-friendly energy market and nation-leading clean energy resources. The new TEBA report shows why.