

# The Economic Benefits of Texas' Energy Expansion

**Texas 2036** modeled four possible pathways for Texas' energy sector as part of its **Future of Texas Energy Project**. The "Energy Expansion" scenario assumes aggressive cost and technology improvements for all energy technologies. This scenario does not include federal requirements relating to specific energy exports or certain emissions targets.

### Takeaway #1:

**Texas' total energy production will grow significantly with an energy expansion.**

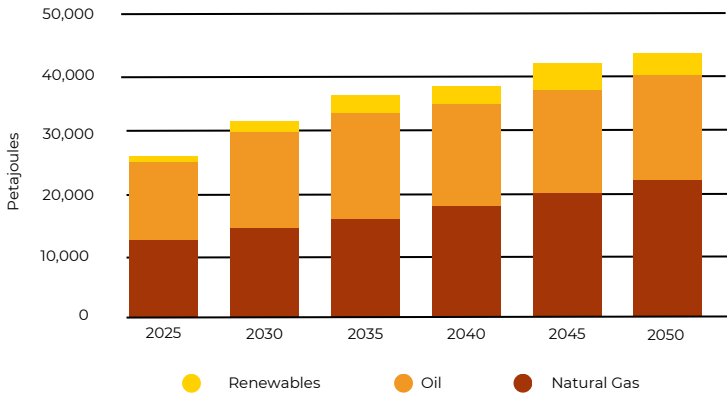
Absent new limitations on energy production, over the next 25 years Texas could see a 36% increase in oil production, a 77% increase in natural gas production, and a 317% increase in renewable energy generation.

### Takeaway #2:

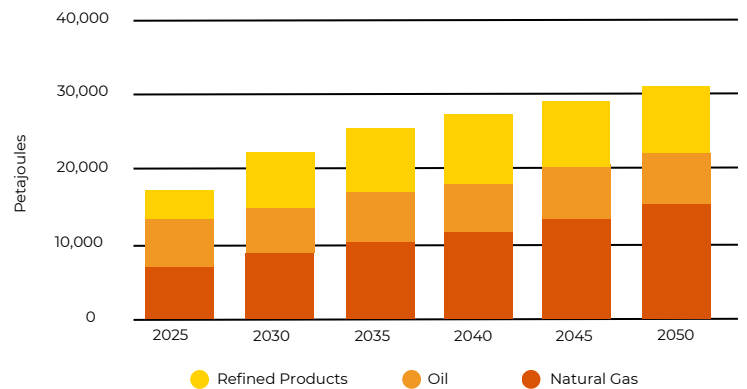
**Texas' energy exports increase with an energy expansion.**

Under stated state and federal energy policies as of the end of 2023, natural gas exports may increase by 115%, oil exports by 23%, and refined products by 101% by 2050.

Texas Energy Production Under Energy Expansion Scenario: 2025-2050



Texas Energy Production Under Energy Expansion Scenario: 2025-2050



### Takeaway #3:

**Texas gains significant economic opportunities with an energy expansion.**

When compared to other modeled energy future scenarios, the Energy Expansion offers the greater rates of economic growth in terms of GDP, jobs, and tax revenues.

Summary of Economic Growth (2025-2050 Average)			
Scenario	GDP (Billions)	Millions of Jobs	Tax Revenues
Energy Expansion <small>(All energy technologies undergo aggressive cost and efficiency advances.)</small>	\$3,381	21.72	\$213.5
Advanced Fossil <small>(Oil and gas technologies undergo aggressive cost and efficiency advances.)</small>	\$3,273	21.68	\$212.8
Energy Transition <small>(Renewables undergo aggressive cost and efficiency advances.)</small>	\$3,184	21.27	\$207.4
Status Quo <small>(All energy technologies undergo aggressive cost and efficiency advances.)</small>	\$3,117	21.22	\$206.8