### **ENERGY IS GOOD FOR TEXAS**

Texas' abundant fossil fuels and renewable resources make it a leader in the energy industry. Texas generates 12 percent of the nation's electricity, making energy production a substantial contributor to the state's economy. In the U.S., coal was the

second-largest energy source for electricity generation (behind natural gas) in 2021 at 22 percent and is an important source of energy in Texas.

There are four types of coal: anthracite, bituminous, subbituminous and lignite. In Texas, coal mines produce only lignite, the lowest grade and least carbon-concentrated type of coal.

## **Energy Produced Using Coal in Texas**

- COAL PROVIDES 10.8 PERCENT OF THE STATE'S ELECTRIC-GENERATING CAPACITY IN 2023
- THE 15 COAL-FIRED POWER PLANTS IN TEXAS HAVE A COMBINED, INSTALLED CAPACITY OF MORE THAN 20,000 MEGAWATTS (MW) OF ELECTRICITY.

HARRINGTON STATION

TOLK STATION

• TEXAS IS THE SECOND-LARGEST PRODUCER OF LIGNITE IN THE U.S., WITH EIGHT ACTIVE MINES IN THE STATE.



# COAL ENERGY ECONOMICS IN TEXAS

- IN 2022, THERE WERE 6,895
  COAL-FUEL AND COAL-POWER
  GENERATION JOBS; THE AVERAGE
  ANNUAL WAGE FOR COAL MINING
  AND RELATED SUPPORT
  ACTIVITIES JOBS WAS \$109,179.
- COAL MINING AND COAL MINING SUPPORT ACTIVITIES CONTRIBUTED APPROXIMATELY \$659.5 MILLION TO TEXAS' GROSS DOMESTIC PRODUCT IN 2021.

#### TEXAS COAL-FIRED PLANTS AND LIGNITE MINES, 2023

• LIGNITE MINE

Coal

COAL POWER PLANT

J. ROBERT WELSH POWER PLANT •

HENRY W. PIRKEY POWER PLANT • DARCO MINE

SANDY CREEK ENERGY STATION • LIMESTONE GENERATING STATION

KOSSE MINE •

BREMOND MINE • OAK GROVE POWER PLANT
CALVERT MINE • MAJOR OAK POWER STATION

### Outlook

The use of coal as an energy source for power plants is on the decline in Texas amid the increased costs related to regulatory compliance and the

availability of lower-cost fuels. One-third of coal-fired power plants in Texas are scheduled for retirement by 2030. With technology, other fossil fuels and renewable resources are more cost effective. Our role as a leader in the energy economy hinges on our ability to effectively manage and maintain the state's diverse energy profile.

• FAYETTE POWER PROJECT

W.A. PARISH GENERATING STATION •

J.K. SPRUCE STATION : J.T. DEELY POWER PLANT

SAN MIGUEL COAL FIRED POWER PLANT SAN MIGUEL AREA C MINE

• COLETO CREEK POWER PLANT

Sources: Texas Railroad Commission and U.S. Energy Information Administration

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Texas Comptroller of Public Accounts