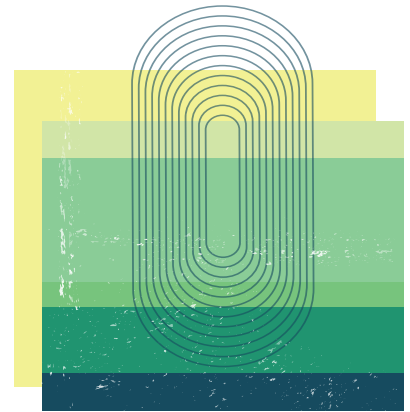


Biomass

Texas is one of the leading states with potential growth for biomass energy due to its large agriculture and forestry industries. Biomass is created when renewable organic material, like wood, agricultural waste and algae, is used to produce energy through processes such as burning or photosynthesis and other chemical and biological conversion practices.

Texas Biomass Energy Produced

- IN 2023, BIOMASS CONTRIBUTES LESS THAN 0.1 PERCENT OF ENERGY TO ELECTRIC COUNCIL OF TEXAS (ERCOT)-SERVED COUNTIES (214 OUT OF 254 TEXAS COUNTIES) AND CONTRIBUTES 5 PERCENT TO U.S. ENERGY USAGE.
- TEXAS IS HOME TO 16 BIOMASS POWER PLANTS CONTRIBUTING 376 MEGAWATTS (MW) OF ENERGY TO THE STATE AS OF 2023.



Biomass Energy Economics in Texas

NON-WOODY BIOMASS AND WOODY BIOMASS FUELS EMPLOYMENT JOBS, 2022

2,134

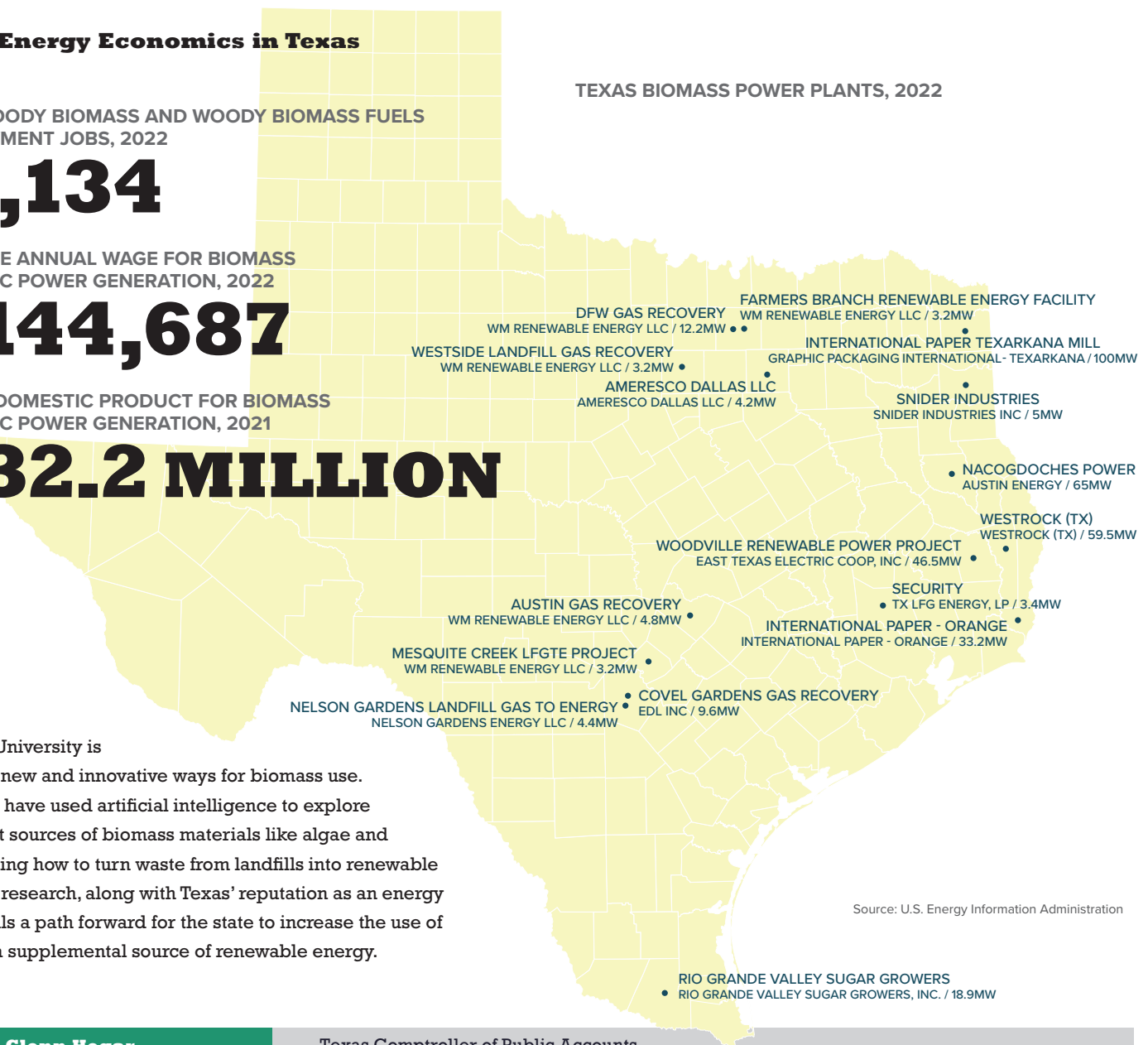
AVERAGE ANNUAL WAGE FOR BIOMASS ELECTRIC POWER GENERATION, 2022

\$144,687

GROSS DOMESTIC PRODUCT FOR BIOMASS ELECTRIC POWER GENERATION, 2021

\$32.2 MILLION

TEXAS BIOMASS POWER PLANTS, 2022



Source: U.S. Energy Information Administration

Outlook

Texas A&M University is researching new and innovative ways for biomass use. Researchers have used artificial intelligence to explore cost-efficient sources of biomass materials like algae and are researching how to turn waste from landfills into renewable energy. This research, along with Texas' reputation as an energy leader signals a path forward for the state to increase the use of biomass as a supplemental source of renewable energy.

Glenn Hegar

Texas Comptroller of Public Accounts