ENERGY IS GOOD FOR TEXAS

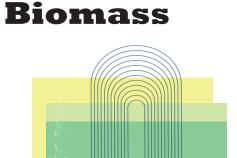
Texas is one of the leading states with potential growth for biomass energy due to its large agriculture and forestry industries. Biomass is created when renewable organic material, like wood, agricultural waste and algae, is used to produce energy through processes such as burning or photosynthesis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

TEXAS BIOMASS POWER PLANTS, 2022

WESTSIDE LANDFILL GAS RECOVERY WM RENEWABLE ENERGY LLC / 3.2MW •

AMERESCO DALLAS LLC AMERESCO DALLAS LLC / 4.2MW

FARMERS BRANCH RENEWABLE ENERGY FACILITY DFW GAS RECOVERY WM RENEWABLE ENERGY LLC / 3.2MW WM RENEWABLE ENERGY LLC / 12.2MW • •

INTERNATIONAL PAPER TEXARKANA MILL GRAPHIC PACKAGING INTERNATIONAL- TEXARKANA / 100MW

> SNIDER INDUSTRIES SNIDER INDUSTRIES INC / 5MW

\$32.2 MILLION

 NACOGDOCHES POWER **AUSTIN ENERGY / 65MW**

WESTROCK (TX)

WESTROCK (TX) / 59.5MW WOODVILLE RENEWABLE POWER PROJECT EAST TEXAS ELECTRIC COOP, INC / 46.5MW

AUSTIN GAS RECOVERY WM RENEWABLE ENERGY LLC / 4.8MW •

SECURITY • TX LFG ENERGY, LP / 3.4MW INTERNATIONAL PAPER - ORANGE INTERNATIONAL PAPER - ORANGE / 33.2MW

MESQUITE CREEK LFGTE PROJECT WM RENEWABLE ENERGY LLC / 3.2MW

NELSON GARDENS LANDFILL GAS TO ENERGY • COVEL GARDENS GAS RECOVERY NELSON GARDENS ENERGY LLC / 4.4MW

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.

Source: U.S. Energy Information Administration

RIO GRANDE VALLEY SUGAR GROWERS RIO GRANDE VALLEY SUGAR GROWERS, INC. / 18.9MW

Glenn Hegar

Texas Comptroller of Public Accounts