

NEW MEXICO

BIOGAS STATE PROFILE



New Mexico ranks **29th** out of 50 states for its biogas production potential. We estimate up to 13.73 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



THE POWER OF 21.45 BILLION CUFT OF BIOGAS:

ENERGY POTENTIAL:

- **1150 million kWh** electricity and **448 million BTU/h** heat (engine); OR
- **1923 million kWh** electricity and **3205 million kWh** heat (fuel cell); OR
- **178.3 million gge** fuel; OR
- **101 million kWh** heat.

ECONOMIC GROWTH:

Constructing 144 new systems would generate about...

- **\$432 million** in capital investments,
- **3599** construction jobs, AND
- **239** permanent jobs.

REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **606 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **83900** acres of forest, OR
- Removing **1355 thousand** cars from the road.

BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
Manure (total)	8.3 million tons/yr	17.4 billion cuft/yr
<i>Broiler</i>	-	
<i>Dairy</i>	8.3 million tons/yr	
<i>Swine</i>	2000 tons/yr	
<i>Turkey</i>	-	
Food Waste	0.65 million tons/yr	3.55 billion cuft/yr
Landfill	-	-
Wastewater Facility*	85 gallons/day	0.49 billion cuft/yr
Total Biogas	-	21.45 billion cuft/yr

*Wastewater facility greater than 1 MGD