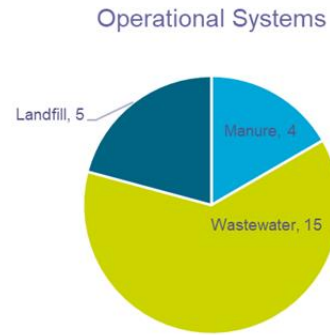


UTAH

BIOGAS STATE PROFILE



Utah ranks **37th** out of 50 states for its biogas production potential. We estimate up to 9.09 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



THE POWER OF 14.2 BILLION CUFT OF BIOGAS:

ENERGY POTENTIAL:

- **761 million kWh** electricity and **297 million BTU/h** heat (engine); OR
- **1273 million kWh** electricity and **2122 million kWh** heat (fuel cell); OR
- **118.1 million gge** fuel; OR
- **67 million kWh** heat.

ECONOMIC GROWTH:

Constructing 102 new systems would generate about...

- **\$306 million** in capital investments,
- **2548** construction jobs, AND
- **169** permanent jobs.

REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **401 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **55600** acres of forest, OR
- Removing **897 thousand** cars from the road.

BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
Manure (total)	3.8 million tons/yr	7.3 billion cuft/yr
<i>Broiler</i>	-	
<i>Dairy</i>	2.6 million tons/yr	
<i>Swine</i>	1.2 million tons/yr	
<i>Turkey</i>	-	
Food Waste	1 million tons/yr	5.45 billion cuft/yr
Landfill	-	-
Wastewater Facility*	254 gallons/day	1.47 billion cuft/yr
Total Biogas	-	14.2 billion cuft/yr

*Wastewater facility greater than 1 MGD