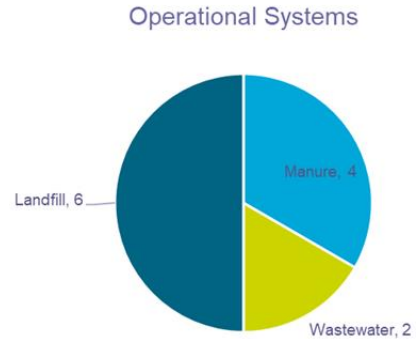
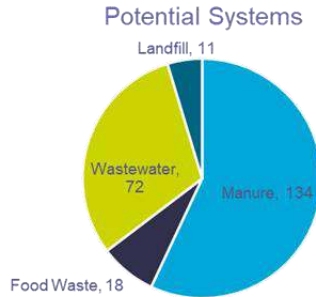


MISSISSIPPI

BIOGAS STATE PROFILE



Mississippi ranks **17th** out of 50 states for its biogas production potential. We estimate up to 27.49 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



THE POWER OF 42.95 BILLION CUFT OF BIOGAS:

ENERGY POTENTIAL:

- **2301 million kWh** electricity and **896 million BTU/h** heat (engine); OR
- **3849 million kWh** electricity and **6416 million kWh** heat (fuel cell); OR
- **356.9 million gge** fuel; OR
- **203 million kWh** heat.

ECONOMIC GROWTH:

- Constructing 235 new systems would generate about...
- **\$706 million** in capital investments,
 - **5883** construction jobs, AND
 - **391** permanent jobs.

REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **1213 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **167900** acres of forest, OR
- Removing **2712 thousand** cars from the road.

BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
Manure (total)	6.6 million tons/yr	37.5 billion cuft/yr
<i>Broiler</i>	5.4 million tons/yr	
<i>Dairy</i>	204000 tons/yr	
<i>Swine</i>	995000 tons/yr	
<i>Turkey</i>	-	
Food Waste	0.92 million tons/yr	5.05 billion cuft/yr
Landfill	-	-
Wastewater Facility*	72 gallons/day	0.42 billion cuft/yr
Total Biogas	-	42.95 billion cuft/yr

*Wastewater facility greater than 1 MGD