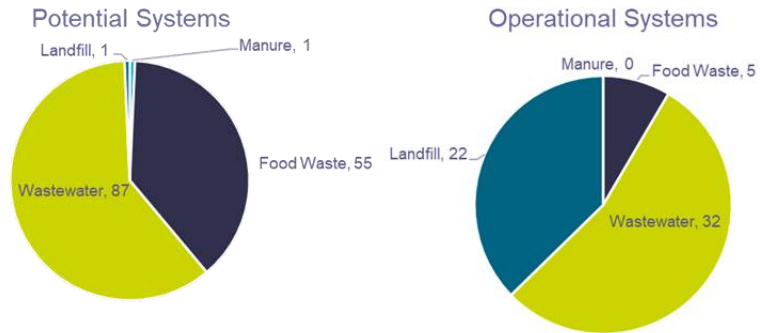


NEW JERSEY

BIOGAS STATE PROFILE



New Jersey ranks **30th** out of 50 states for its biogas production potential. We estimate up to 13.55 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



THE POWER OF 21.17 BILLION CUFT OF BIOGAS:

ENERGY POTENTIAL:

- **1134 million kWh** electricity and **442 million BTU/h** heat (engine); OR
- **1897 million kWh** electricity and **3162 million kWh** heat (fuel cell); OR
- **175.9 million gge** fuel; OR
- **100 million kWh** heat.

ECONOMIC GROWTH:

Constructing 144 new systems would generate about...

- **\$433 million** in capital investments,
- **3605** construction jobs, AND
- **239** permanent jobs.

REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **598 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **82800** acres of forest, OR
- Removing **1.34 million** cars from the road.

BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
Manure (total)	155000 tons/yr	318 million cuft/yr
<i>Broiler</i>	-	
<i>Dairy</i>	141000 tons/yr	
<i>Swine</i>	15000 tons/yr	
<i>Turkey</i>	-	
Food Waste	2.76 million tons/yr	15.09 billion cuft/yr
Landfill	-	-
Wastewater Facility*	996 gallons/day	5.76 billion cuft/yr
Total Biogas	-	21.17 billion cuft/yr

*Wastewater facility greater than 1 MGD