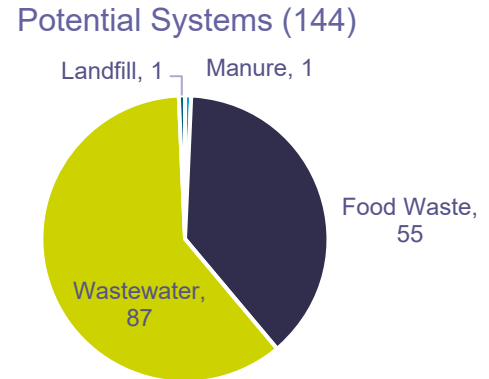
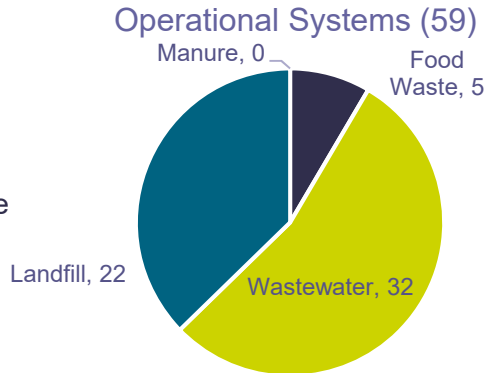


# NEW JERSEY

## BIOGAS STATE PROFILE



New Jersey ranks **30<sup>th</sup>** 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** kW·h electricity and **442 million** BTU/h by engine; OR
- **1897 million** kW·h electricity and **3162 million** kW·h by fuel cell; OR
- **275 thousand** gallons vehicle fuel; OR
- **100 million** kW·h 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
<b>Manure (total)</b>	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>	-	
<b>Food Waste</b>	2.76 million tons/yr	15.09 billion cuft/yr
<b>Landfill</b>	-	-
<b>Wastewater Facility*</b>	996 gallons/day	5.76 billion cuft/yr
<b>Total Biogas</b>	-	21.17 billion cuft/yr

\*Wastewater facility greater than 1 MGD