

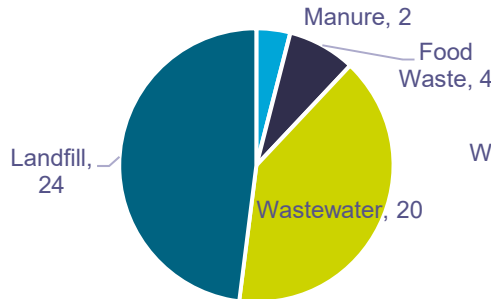
# GEORGIA

## BIOGAS STATE PROFILE

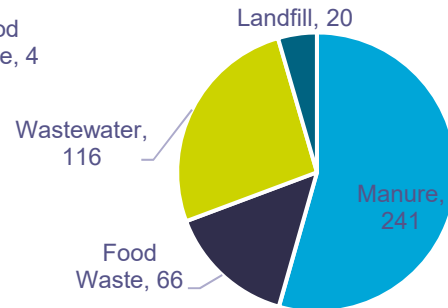


Georgia ranks **4<sup>th</sup>** out of 50 states for its biogas production potential. We estimate up to 57.44 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!

Operational Systems (50)



Potential Systems (443)



## THE POWER OF 89.75 BILLION CUFT OF BIOGAS:

### ENERGY POTENTIAL:

- **4810 million** kW·h electricity and **1873 million** BTU/h by engine; OR
- **8044 million** kW·h electricity and **13407 million** kW·h by fuel cell; OR
- **1166 thousand** gallons vehicle fuel; OR

### ECONOMIC GROWTH:

Constructing 443 new systems would generate about...

- **\$1330 million** in capital investments,
- **11081** construction jobs, AND
- **736** permanent jobs.

## REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **2535 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **351000** acres of forest, OR
- Removing **5.67 million** cars from the road.

## BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
<b>Manure (total)</b>	12 million tons/yr	69.1 billion cuft/yr
<i>Broiler</i>	9.8 million tons/yr	
<i>Dairy</i>	2.1 million tons/yr	
<i>Swine</i>	125000 tons/yr	
<i>Turkey</i>	-	
<b>Food Waste</b>	3.29 million tons/yr	17.98 billion cuft/yr
<b>Landfill</b>	-	-
<b>Wastewater Facility*</b>	456 gallons/day	2.64 billion cuft/yr
<b>Total Biogas</b>	-	89.75 billion cuft/yr

\*Wastewater facility greater than 1 MGD