

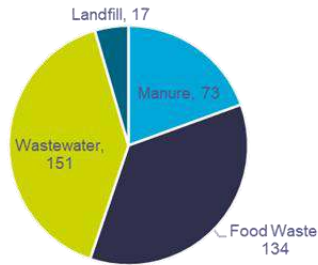
FLORIDA

BIOGAS STATE PROFILE

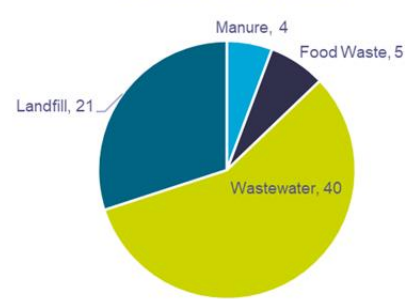


Florida ranks **13th** out of 50 states for its biogas production potential. We estimate up to 33.3 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!

Potential Systems



Operational Systems



THE POWER OF 52.03 BILLION CUFT OF BIOGAS:

ENERGY POTENTIAL:

- **2788 million kWh** electricity and **1086 million BTU/h** heat (engine); OR
- **4663 million kWh** electricity and **7772 million kWh** heat (fuel cell); OR
- **432.4 million gge** fuel; OR
- **246 million kWh** heat.

ECONOMIC GROWTH:

Constructing 375 new systems would generate about...

- **\$1.13 billion** in capital investments,
- **9383** construction jobs, AND
- **623** permanent jobs.

REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **1469 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **203500** acres of forest, OR
- Removing **3.29 million** cars from the road.

BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
Manure (total)	3.4 million tons/yr	9.3 billion cuft/yr
<i>Broiler</i>	0.5 million tons/yr	
<i>Dairy</i>	3 million tons/yr	
<i>Swine</i>	15000 tons/yr	
<i>Turkey</i>	-	
Food Waste	6.7 million tons/yr	36.62 billion cuft/yr
Landfill	-	-
Wastewater Facility*	1050 gallons/day	6.1 billion cuft/yr
Total Biogas	-	52.03 billion cuft/yr

*Wastewater facility greater than 1 MGD