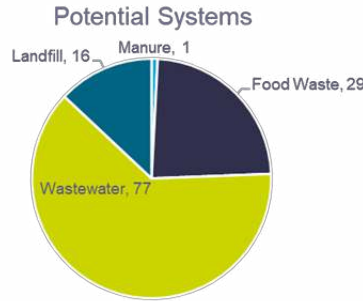


# LOUISIANA

## BIOGAS STATE PROFILE



Louisiana ranks **38<sup>th</sup>** out of 50 states for its biogas production potential. We estimate up to 6.46 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



## THE POWER OF 10.1 BILLION CUFT OF BIOGAS:

### ENERGY POTENTIAL:

- **541 million kWh** electricity and **211 million BTU/h** heat (engine); OR
- **905 million kWh** electricity and **1508 million kWh** heat (fuel cell); OR
- **83.9 million gge** fuel; OR
- **48 million kWh** heat.

### ECONOMIC GROWTH:

Constructing 123 new systems would generate about...

- **\$368 million** in capital investments,
- **3070** construction jobs, AND
- **204** permanent jobs.

## REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **285 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **39500** acres of forest, OR
- Removing **638 thousand** cars from the road.

## BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
<b>Manure (total)</b>	291000 tons/yr	605.6 million cuft/yr
<i>Broiler</i>	-	
<i>Dairy</i>	281000 tons/yr	
<i>Swine</i>	10000 tons/yr	
<i>Turkey</i>	-	
<b>Food Waste</b>	1.44 million tons/yr	7.87 billion cuft/yr
<b>Landfill</b>	-	-
<b>Wastewater Facility*</b>	280 gallons/day	1.62 billion cuft/yr
<b>Total Biogas</b>	-	10.1 billion cuft/yr

\*Wastewater facility greater than 1 MGD