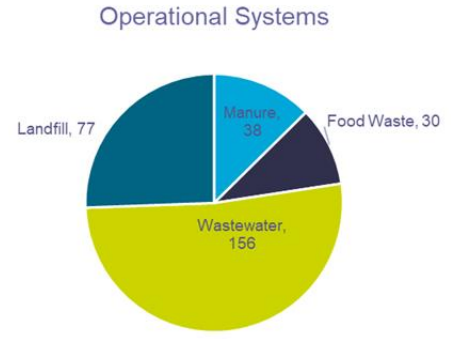
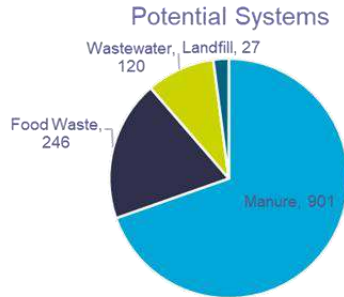


CALIFORNIA

BIOGAS STATE PROFILE



California ranks **1st** out of 50 states for its biogas production potential. We estimate up to 116.22 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



THE POWER OF 181.59 BILLION CUFT OF

ENERGY POTENTIAL:

- **9731 million kWh** electricity and **3790 million BTU/h** heat (engine); OR
- **16276 million kWh** electricity and **27127 million kWh** heat (fuel cell); OR
- **1509.3 million gge** fuel; OR
- **857 million kWh** heat.

ECONOMIC GROWTH:

- Constructing 1294 new systems would generate about...
- **\$3.88 billion** in capital investments,
 - **32342** construction jobs, AND
 - **2148** permanent jobs.

REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **5129 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **710100** acres of forest, OR
- Removing **11.47 million** cars from the road.

BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
Manure (total)	44.8 million tons/yr	95.6 billion cuft/yr
<i>Broiler</i>	-	
<i>Dairy</i>	44.2 million tons/yr	
<i>Swine</i>	175000 tons/yr	
<i>Turkey</i>	407000 tons/yr	
Food Waste	12.3 million tons/yr	67.23 billion cuft/yr
Landfill	-	-
Wastewater Facility*	3235 gallons/day	18.7 billion cuft/yr
Total Biogas	-	181.59 billion cuft/yr

*Wastewater facility greater than 1 MGD