Biogas: Pro-Economy & Pro-Climate
Growth in All Shades of Green

Patrick Serfass, Executive Director
May 22, 2019
The US Biogas Market

Current
253 on Farm
1,269 Water
66 Food Scrap
645 at Landfills

Potential
8,300 on Farm
4,000 Wastewater
1,000 Food Scrap
440 at Landfills

2,200+ Operational Biogas Systems
14,000+ Potential New Biogas Systems
With what infrastructure will we manage:

66,500,000 TONS of food waste each year

The sludge from 31 BILLION gallons of wastewater EVERY DAY

The manure AND NUTRIENTS from 8 BILLION cows, chicken, turkey and pigs
Biogas/AD Systems Are Worth It

Capacity factor:
- Solar: 17% (EIA, NJ)
- Wind: 22% (average worldwide)
- Biogas/AD: 95% (DOE, UW)

How much are the non-energy benefits worth?
- Waste management
- Nutrient recycling
- Reduced or negative GHGs
- Revenue “insurance” for farmers
- Odor reduction
- Soil health
Energy Delivered

Electric Grid

Gas Grid
Policy

- Renewable Fuel Standard
- Infrastructure
- Climate
- Watershed Protection
- Farm Bill
- Tax Extenders
- Ag Approps

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