Turning Biomass into Energy since 2003
Phoenix Energy manufactures & installs on-site biomass waste fueled power plants.

- Our power plants convert waste biomass into a hydrogen rich gas which is used to produce electricity and heat.

- Our primary partners are municipal solid waste operators, agricultural producers, and wood based manufactures.
The Problem We Solve

- Eliminate energy costs (heat & electricity)
- Reduce disposal costs
- Greening of your enterprise
- Provide energy security
  *Plus!*
- Sell excess electricity back to the grid
- Receive Renewable Energy Certificates, tax credits, & other incentives
- Carbon sequestration
Our Product

- Turnkey biomass power plants
- Tight footprint 50’x25’
- Engine can be housed separately
- Modular
- Self contained
Before

Power shipped in, waste shipped out

Trucking Emissions
- 700 tons CO₂
- 1 ton CO
- 4.4 tons NOₓ

7-10% line loss
CO₂, NOₓ, SO₂, Hg emissions
1.5% pipeline leakage
Local power for local customers

- 120,000 fewer truck miles annually
- 20,000 fewer gallons of diesel burned

Export power for 800 local homes - no transmission losses

Carbon sequestration - ADC or soil amendment for local farms

7-10% line loss

CO₂, NOₓ, SO₂, Hg emissions

1.5% pipeline leakage