



COGENTECH
SUSTAINABLE ENERGY™

The BioTen Process

PROVEN. SIMPLE. ROBUST.

BIOTEN

Biomass Technology for Energy

- Fuel Flexibility (shell, wood, agri-waste, orchard debris, etc.)
- Valuable Ash By-Product (Pottery Glaze)
- 'Pre-Dries' incoming fuel, equating 'green' fuel to bone dry
- Excess Waste Heat in Turbine Exhaust ideal for cogeneration (Heat Recovery Steam Generation, hot water, chilled water, drying, etc.) & Combined Cycle Operations
- Up to 50% Lower Installed Cost (<\$1,000/kW) than traditional boiler/Rankine-Cycle systems (>\$1,500/kW)
- Small Footprint (less than 1 acre req'd for 7 MW module)
- Totally Dry Technology (Zero Water Requirement)
- Low Air & Noise Pollution (below regulatory thresholds)

*Simple Yet Profound:
a typical combustion turbine
operating on pulverized biomass fuel*

