

Entropic

Energy, Power and Solutions



recycle BIOMASS waste

Forest thinning, bark and chips from logging, even municipal waste can be efficiently converted into useable energy. Turbion™ can produce electricity and district heating while reducing greenhouse gas emissions. Replacing diesel generators and displacing heating oil means energy dollars remain in the community.

into

Biomass is probably the most widely available renewable energy source. It can release its energy when you need it and in the amount you need. Burning biomass yields the most energy and is the best understood approach for the user. And now Turbion™ will give the most electricity and co-generation heat from biomass of any system yet.

PATENT PENDING

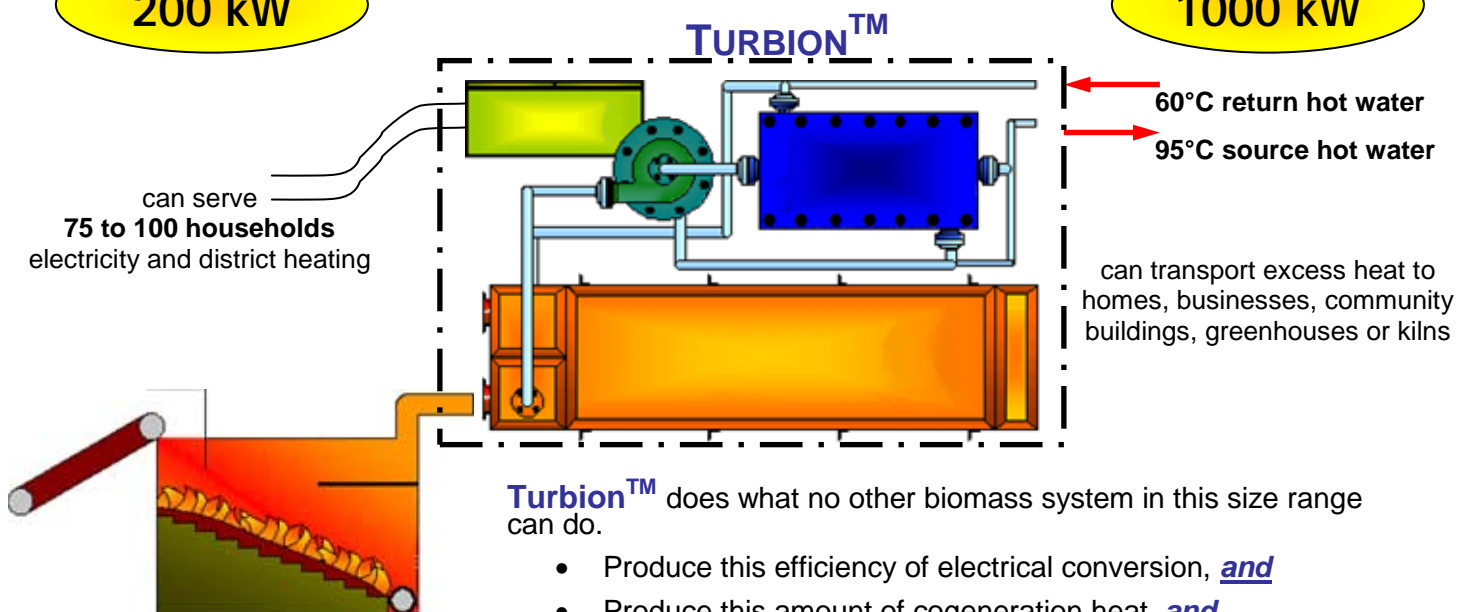
Electricity

and

Heat

200 kW

1000 kW

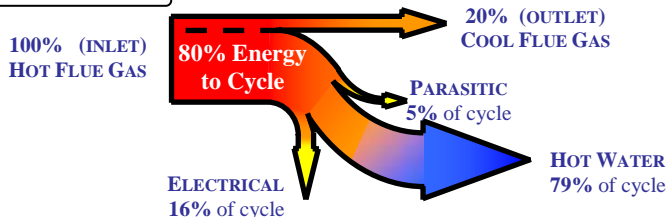


Turbion™ does what no other biomass system in this size range can do.

- Produce this efficiency of electrical conversion, and
- Produce this amount of cogeneration heat, and
- Create heat in the useful form of hot water (or glycol), and
- Remain compact in size, and
- Cost (per kW) competitively with large scale systems.

IT'S TIME FOR A NEW DIRECTION

ENERGY FLOW



Turbion™ is a closed-loop system with no dynamic seals that can cause maintenance headaches. The unit is compact in size and designed to operate fully automatically. All of the heat produced is useable. There is never a need for a cooling tower or ponds.