





BIOPOWER TURBION[™] SERIES

FINALLY. a simple biomass conversion system that can cleanly combust waste, efficiently produce electricity, and functionally supply co-generation heat. Turbion[™] converts any combustible waste into electricity and heat using a system that operates as directly and conveniently as a refrigerator - well, almost! Turbion[™] is cost-effective in the lower power levels. It operates with automatic controls and safety systems. Turbion[™] has been specifically designed to minimise the need for high qualification personnel.

WHY TURBION[™]: First it should be recognised that combustion is the most effective and consistent technology to apply to convert biomass to energy. Any other conversion technology (gasification, bio-oil, methanol, etc.) requires consistent feedstock and

skilled operators. But combustion can use almost any feedstock and any operator. And proper equipment makes combustion environmentally friendly.

BIOMASS is readily available in more locations than any other green energy source. In many places there is more biomass "waste" available than there is requirement for the energy it could supply. What has been lacking is a suitable way to use this waste and to convert it into a convenient form.

MODERN SOCIETY thrives on electricity and fossil fuels. It is often the case that one or both of these high-grade energy forms are used to satisfy low-grade energy needs (such as area heat). Turbion[™] will produce electricity without compromising its ability to satisfy secondary needs such as space heating.



It's TIME FOR A NEW DIRECTION

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operating costs.

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22% of cycle

75% of cycle