



Solid Biofuel Technology

PRECER *Power Plants*

PRECER develops technical solutions for small-scale power generation through solid biofuel combustion. The technology is adjustable to generate electricity for as well hybrid vehicles, hybrid boats as smaller power plants. PRECER renders the necessary step towards breaking the need for fossil fuel through passing on to using environmental friendly solid biofuel technology.



PRECER Power Plants

Solid biofuel driven power plants

PRECER Power Plants develops stationary and mobile power plants, driven by solid biofuel. The technology makes generating electricity from an environmental friendly, inexpensive and easily accessible kind of fuel, which is safe and easy to handle, possible.

The main benefits of PRECER Power Plants' technology are:

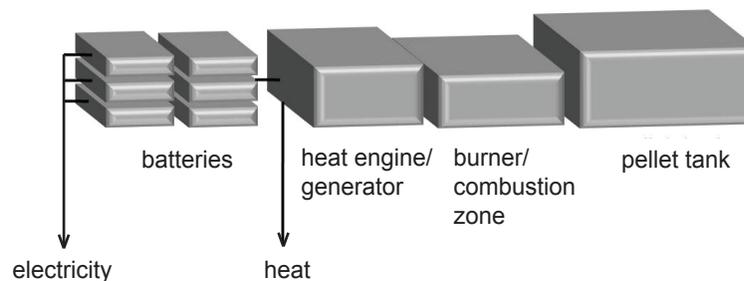
- **Electricity generation where you want it:** *spare time cottage, villa, farm*
- **A flexible system:** *electricity, heating and hot water, different voltage levels and types*
- **Domestic biofuel:** *CO₂ neutral, low emissions*

PRECER's Patented Technology

Electricity and heat through burning of pellets or chips

The base of all PRECER-technologies is a power plant generating electricity and heat through burning solid biofuel, like for example pellets or chips.

In a pellet driven power plant, fuel is fed to a pellet burner in a combustion zone. Heat forms, and is lead to a heat engine, where it is converted into electrical energy. The electrical energy is stored in batteries, and can be used to supply direct or alternating current, depending on application. It is also possible to use the heat that has passed through the heat engine.



Simplified overview of the power plant



Services



Autotech



Transport



Machines



Marine



Power Plants

For more information please visit www.precer.com or call +46 (0) 54 54 54 40

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