



## Power from Biomass



## DESI Power

### Areas of application

- Assured Irrigation
- Agricultural and industrial power
- Stand alone systems

### Advantages

- Uses local biomass to replace diesel
- Short gestation period for commissioning
- Profitable when linked to productive use of electricity
- Zero CO<sup>2</sup> emissions
- Flexible in terms of scale of output

**Capital Investment : Rs. 38 Lakhs (50 kw)**

**Persons Employed : 6 + 12**

**Annual Generation : 1,20,000 Units of Electricity**

DESI Power is decentralised energy system. It is a state-of-the-art technology that converts Biomass - defined as any natural substance which stores solar energy by photosynthesis - into electrical energy. The biomass is burned in a partial supply of oxygen to generate combustible gas which in turn produces electricity. Using renewable resources to run these power systems, Desi Power provides a more affordable and reliable energy alternative to the centralized power grid. DESI power systems currently provide energy services to villages, small businesses and educational institutions.

