

ABOUT US :-

Radiant Energy is an integrated sustainable energy solutions provider with a vision to contribute to clean energy generation through bioenergy, including solid bio-fuel.

Radiant's focus is on developing products and solutions that lower greenhouse gas emissions and productively harness the abundant energy of the sun, benchmarking processes such as photosynthesis, to convert it into useful forms of energy.

Radiant has a portfolio of low-carbon energy technologies and a range of products and services, which together can meet the demands from the industrial, public and commercial sectors, as well as the community on a large scale.

Today, the cost and environmental limitations of traditional fossil-based fuels are driving unprecedented global demand for new, renewable energy alternatives. Wood-based biomass — the most abundant, underutilized and economical renewable energy source available — has emerged as the fuel of choice for a variety of energy processes.



Radiant Energy

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**Radiant
Energy**

Mfg. of Biomass Pellets



RANGE OF PRODUCTS

Industrial Pellet:-

Carbon neutral solid bio-fuels/biomass pellets are made out of left over agriculture residues & saw mill dust. They can effectively help meet the energy and heat generation needs in the industrial segments, and replace conventional fossil fuels such as coal, without the need for significant changes in existing energy generation technology, there by significantly reducing CO₂ emissions.

Spacification:-

Diameter:-	6/8 mm.
Length:-	10-30 mm.
Calorific Value:-	4000 Kcal/kg
Ash content :-	< 8%
Moisture content:-	< 10%
Bulk Density:-	650 kg/m3



Radiant-Gold (Pure pine wood pellet):-

Radiant Gold is carbon neutral, eco friendly fuel made from biomass residues which is a renewable source of energy. It is clean, economical and easy to use. Radiant Gold is exclusively made for commercial cooking stove, Hot water generator and pellet burner and can efficiently replace currently used fuel such as wood/wood chips, kerosene, LPG and diesel.

SPECIFICATIONS

Diameter	6/8 mm
Length	10-30 mm
Calorific Value	4300 ± 2% kcal/kg
Moisture Content	< 10%
Ash Content	< 5%
Bulk Density	650kg/m3



RADIANT GOLD BASED APPLICATION

Pellet Cooking Stove:-

This cooking stove is also named biomass multi-function cooking stove due to a wide range of application. For instance, you can do the cook, fry dishes and boil water. This biomass pellet cooking stove can be placed steamer, pressure cooker, kettle and other kitchen wares in order to meet different application.

Used in Hotel, Canteen
Mess and other mass
Cooking Application.



Pellet Burner:-

It is an economical alternative for providing energy to boilers, coating, heating and drying industries. It uses biomass pellets as fuel which is fully natural and renewable. It helps in saving the fuel by replacing the costly fuels like LPG, Diesel and Electricity.

Used in Industrial
Heating Application.



COMPARE TO FOSSIL FUEL

33-35 % Saving Compare to Diesel.
30-32 % Saving Compare to Nature Gas.
25-30 % Saving Compare to LPG and
other fuel like F.O., L.D.O etc....

Saving depend on application