



IN HARMONY WITH NATURE

Home Energy System (HES)

"Waste" is a misplaced "Wealth"

2 m³ per day biogas plant + solar lanterns / lighting system

Features:

2 m³ per Day Biogas Plant:

- Area required: Approx 7 x 7 feet or 50 sq ft.
- Weight: Approx 120 ~ 140 kg
- Technology: Dry Digester (KITL proprietary)
- Feed required: Cow dung / food waste / select agro waste
- Biogas holder as part of the plant
- Burner (stove) & piping of about 10 ft
- Useful for cooking food for a family of 4 ~ 5 members
- Replaces Kerosene, Woodchips or LPG
- Smokeless cooking system: improves health of women
- Ecofriendly system

Solar System:

- Solar panel: CIGS thin film flexible modules of 10 W
- Solar LED lanterns: 2 No. of 3 W each
- Light output: 4 ~ 5 h/day

Useful for:

- Rural Households / Temples / Goshala etc.
- Hotel & Dhabas
- School / Collage / Hostel / Company canteens

