

Nature's Power



SSEV

SK Renewables Private Limited



Corporate Profile

OUR MISSION

To create a niche in Renewable Energy by Exploring Nature's Power. The main focus on Bio, Hydro and Wind Energies ...

The company focuses mainly on bio-waste management such as waste to energy projects. We have developed a decentralized mechanism to manage organic waste. The project promises to deliver clean, green & Garbage free urban & rural areas by converting organic reject to clean energy (BIOGAS)

SSEV 'S has established state-of-art infra structural set-up, which allows us in executing all business operations systematically. Our team comprises of designers, engineers, production personnel, quality controllers, administrative personnel, research & development experts and many others.





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It's not a Waste... It's an Energy



Free Gas



Free Organic Fertilizer



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The Biodigesters

Biodigesters are designed to process any biodegradable waste into Biogas and organic fertilizer. A huge quantity of organic materials is wasted everyday and is generally dumped into garbage. This garbage stinks and pollutes the atmosphere and the environment. The food management has been the area of concern in most of houses/Establishments.

Now the SSEV is introducing the 'BIODIGESTERS' for converting the organic waste into energy, by using the concept of Anaerobic digestion which is the natural breakdown of organic materials into Biogas and Organic Fertilizer.

Salient Features:

- ☑ Make your kitchen self-sustainable
- ☑ No odour, Very safe, Easy to use
- ☑ Scientific way of disposing your organic waste
- ☑ Can be installed in any open area including terrace or balcony
- ☑ Zero maintenance & Onetime investment for 15 years
- ☑ Return on investment in 2 – 2 ½ years

Unit size (Ltr)	Waste Input (Kg)	Waste Water(Ltr)	Stove	Cooking Hours	Organic Fertilizer(Ltr)
500	1 - 3	5 - 10	Single Burner	1.5 – 2	5
1000	3 - 5	10 - 15	Single Burner	2.5 – 3	10
2000	6 - 10	20 - 25	Double Burner	2.5 – 3	15

SK RENEWABLES PRIVATE LIMITED

H.No. 8-2-293/82/A, Plot No: 1110, Road No: 55, Jubilee Hills, Hyderabad, Telangana – 500 033

Ph. No: 040-30111500, 502, Fax No.: 040-23600982

e-Mail: info@skrenewables.com, www.skrenewables.com



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Convert your Waste into Energy

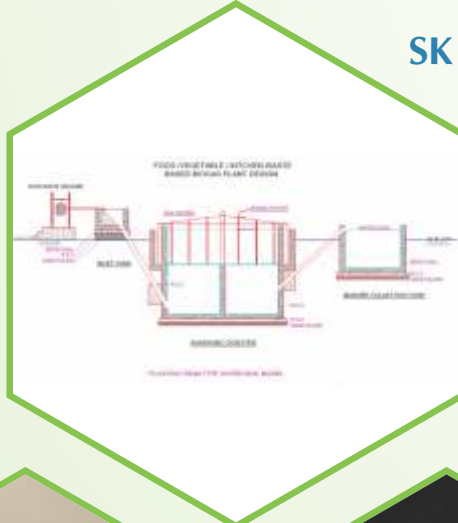
Commercial Biodigesters

SSEV's commercial biogas plant is designed based on the technology from Bhabha Atomic Research Centre. The biogas plant is a floating drum model comprising mainly of crusher, solar water heater, predigester tank, fermentation tank and gas holder. The size of biogas plant at any place will be determined by actual feed stock available. The fermentation tank is built partially or fully underground. It is generally cylindrical in shape and made up of bricks and cement mortar. The gas holder made with 3 mm MS and FRP is meant for holding the generated gas. It is a cone mounted on a cylinder, which can move up and down on a guide pole, depending on the pressure of the gas.



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Salient Features:

- Hygienic and Scientific way of Waste disposal**
- Used for heating and electricity generation**
- Generates enriched organic manure**
- Eco-friendly and renewable source of energy**
- Reduces Global warming & Carbon Foot Print**
- Lowers methane & nitrous dioxide emissions**

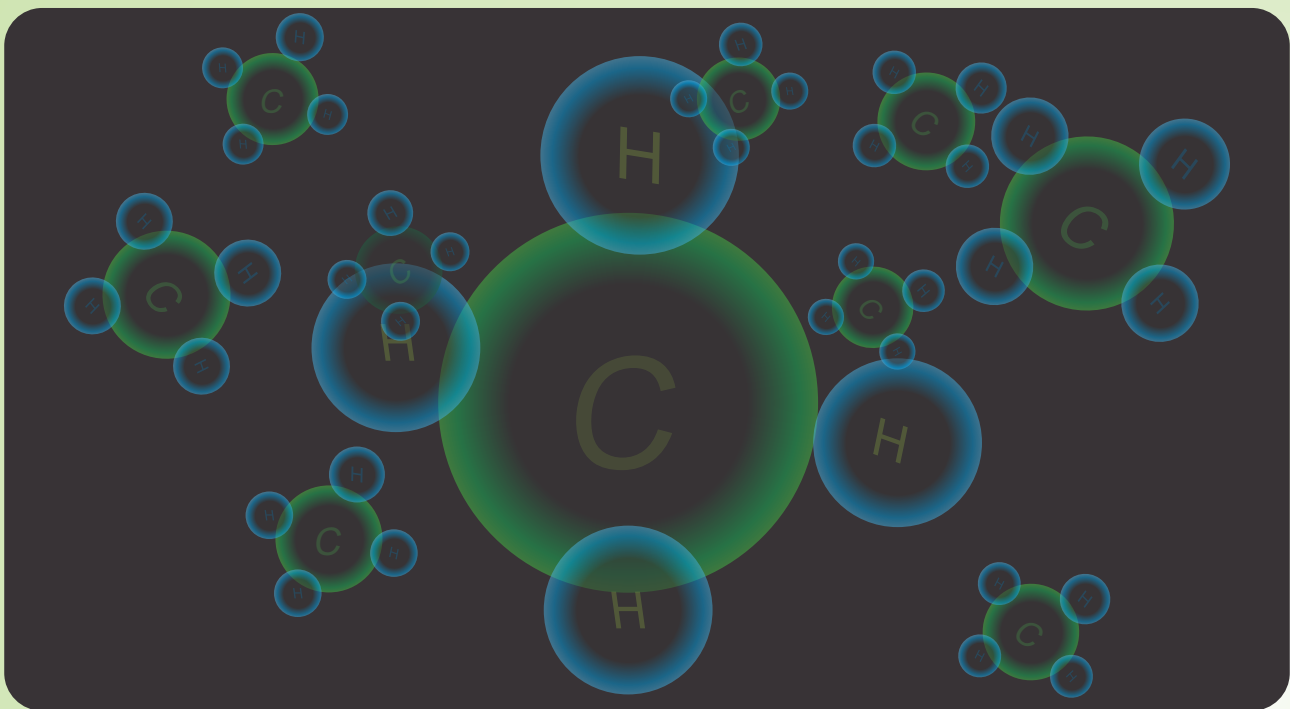
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