

# Power Generation by Using Animal Waste

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**Abstract:** Animal manure and food processing waste are examples of biomass with a high moisture content that may be used to create biogas through a biological process known as anaerobic digestion. Due to its high methane concentration, biogas is an excellent source of renewable energy to replace natural gas and other fossil fuels. Methane typically comprises 40% to 60% of biogas. Typically, biogas is utilised to generate energy and heat in manufacturing boilers and engine generator sets. The facility can utilise the electricity produced by the internal combustion engines running on biogas or export it to the power grid.

**Keywords:** Biogas, Methane, power.

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