

Amazing Idea To Use Free Gas From Garbage | How To Produce Biogas At Home | Biogas Plant Design

Household organic waste materials can be used to produce natural gas for cooking, lighting and space and water heating.

Biogas can also replace fossil-based natural gas to fuel an engine or an absorption cooling system, such as a gas refrigerator or chiller. Some gasoline engines are designed for or can be modified for use with natural gas, propane or biogas. Diesel engines can accept up to 80 percent biogas.

Benefits of home biogas

By constructing a home biogas generator, you can make enough fuel to at least provide your cooking energy.

A family with modest daily cooking needs will at a minimum require the output of a warm, well-fed, 200 gallon generator. This much biogas will allow for about one hour of daily stove top cooking.

Biogas

Biogas is a mixture of flammable gases, mostly methane along with carbon dioxide. Organic materials decomposes anaerobically without oxygen.