Abstract

The ever increasing demand of the combined heat and power particularly electrical energy is in greater demand due to enhanced industrialization and urbanization in last few decades has led
to higher pressure on fossil fuels and need for alternatives like renewable energy sources. Biogas being site specific, it is not possible to transport and put in use to the extent it is required. This paper presents a working model to bottle such a gas which can be carried out at the required site as a source of supply for heat and power and Solid work Simulation of the working model with various cut plots for temperature & pressures.

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Index Terms

Computer Science
Information Sciences
**Keywords**

Solid Works  Biogas Compression  Bottling  Scrubbing Unit  Compressor  Manifold System.