**ABSTRACT**

Presently they are using duration of pump runs to measure the volume of the gas transfer from digester to the store since the flow rate of pump is constant.

So whenever the pump is switched on a system uptime should be stored in the memory, whenever the pump is switched of then the system downtime should be stored.

This usage logs is transmitted to the database using a GSM module.

Usage logs are transmitted per day or per hour as per provider requirements.

If the usage logs are received from same number then it should be added to the previous logs of that number.

We use a SMS gateway for transmission purpose and the usage logs are encoded before transmission.

Dashboard/statics display are used to represent the usage logs.

Based on these readings the billing company can prepare the required bill for the customer.