SATAT Scheme

Sustainable Alternative towards Affordable Transportation (SATAT) scheme on Compressed Bio Gas was launched in 2018. It envisages targeting production of 15 MMT of CBG from 5000 plants by 2023. The Government of India has taken various enabling steps to ensure the success of the SATAT scheme.

Oil Marketing Companies have offered long term pricing on CBG to make projects bankable and have agreed to execute long term agreements on CBG. Under SATAT scheme, IOT Biogas Limited (Namakkal, Tamil Nadu) decided to divert part/full biogas production to Compressed Biogas (CBG) generation.

The Compressed Biogas procured from IOT Biogas plant shall be sold through Retail Outlets (ROs) and Institutional Business (IB). This is the first time an alternative to natural gas is being sold by Oil Marketing Companies.

Compressed Bio-Gas

- Biogas and CNG are the same but for a few differences.
- Origin –
  - CNG is found in nature as Natural Gas.
  - Biogas, is produced in a sealed tank/ chamber, from an organic feed-stock.
- Composition - Biogas is mainly Methane & Carbon Di Oxide, while Natural Gas is mainly Methane.
- Compressed Biogas proposes to build large biogas plants that will continuously produce biogas from urban, domestic and industrial wastes.
- The biogas produced will be stored under pressure in gas cylinders for easy distribution to urban and semi-urban customers as alternative to charcoal and firewood.
- Union Government is in the process of including Compressed Bio-Gas under Priority Sector Lending.