

3. CBG Plant Setup Checklist

- Assurance of Feedstock Supply
- Product Marketability Infrastructure
- Location Requirement
- Technical Checklist



Assurance of Feedstock Supply

Mapping of **multiple feedstocks** instead of relying on single feedstock

Plant should be located in vicinity (preferable **within 15 km radius**) of the available feedstock

Overall availability of feedstock should **exceed (at least 2 times) the actual plant** requirement

Advisable to fix feedstock supply using **long-term agreements with the supplier**

Product Marketability Infrastructure

Map the **number of gas retail stations**

Availability of **gas distribution grid** in the area

Map **industries that utilize CBG** as fuel in the vicinity

Locate **fertilizer companies, private gardens,** and organic farming units nearby

Location Requirement

Solid road access is necessary

Non-agricultural land is preferable to avoid land conversion

Access to independent feeder line for continuous electricity supply

Regular water supply is important

Technical Checklist

Availability of **land for feedstock storage**

Monitoring **real time meteorological conditions**

Biomethane Potential (BMP) test of feedstock to calculate size of the plant

Soil test for construction

