



पेट्रोलियम एवं
प्राकृतिक गैस मंत्रालय
MINISTRY OF
**PETROLEUM AND
NATURAL GAS**



CBG Producer User Manual

India's Unified Scheme for Development of Compressed Biogas Sector

Turning organic wealth into clean energy, rural prosperity
economic growth

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Revision History

Date	Version	Owner	Description
03-09-2026	1.0	GOBARDhan Portal	Initial Launch

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1. About The Document

This document provides a comprehensive overview and user guidance for the **CBG Producer**. It is intended to help **CBG Entity** users understand and use the portal to manage CBG plant information, monitor plant operations, submit applications, manage offtake activities, review pricing information, create joint tickets, and manage queries and support requests.

The document covers the functionality and user interfaces available in the CBG Producer based on the features and screens described in this document. It focuses on user-facing operations and does not describe underlying APIs, databases, backend processes, or system implementation details.

1.1 Intended Audience

This document is designed for CBG Producer.

2. Introduction

The **CBG Producer** is a centralized platform designed to support CBG (Compressed Biogas) entities in managing and monitoring their plant-related activities. The portal provides a single interface to access important information about registered plants, plant operations, production metrics, pricing, offtake activities, nominated capacity, financial assistance, joint ticketing, and queries. It helps users access relevant plant and operational information from one location and supports day-to-day management activities associated with CBG plants.

The portal provides dedicated modules for managing plant information and monitoring plant operations. Users can register new CBG production plants, maintain plant details, review feedstock information, upload plant documents, and manage Plant Operations Coordinator details. The **Manage SCADA** section provides visibility into plant SCADA status, connectivity, operational information, gas-quality parameters, live telemetry trends, and detailed SCADA readings. The **Dashboard** provides an overall view of key plant and production metrics.

In addition to plant and operational management, the portal supports business and operational processes such as **Financial Assistance**, **Offtake Mapping**, **Nominate Capacity**, **Pricing**, and **Joint Ticketing**. Users can view and manage financial assistance applications, offtake requests and TPA records, nominated-capacity information, current and historical pricing, and daily production reports. The **Queries** section enables users to review plant queries and raise support requests when assistance is required.

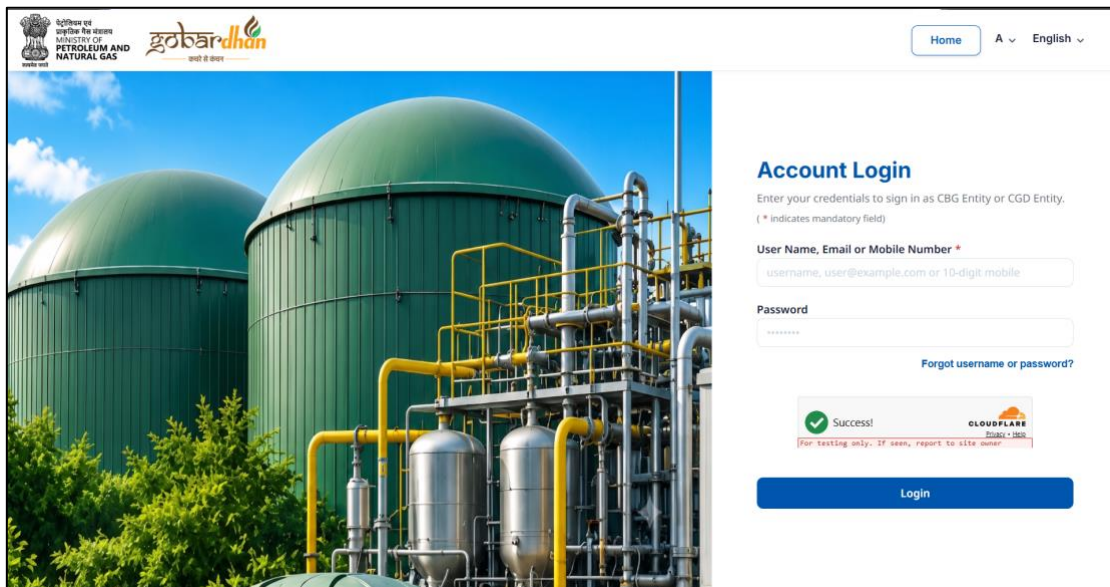
3. Home Page

To log in to the **CBG** interface, follow the below steps.

1. Open the web browser, type **CBG Producer** in the address bar, and press the **Enter** key.

[GOBARDhan Portal | MoPNG](#)

2. The portal screen appears.

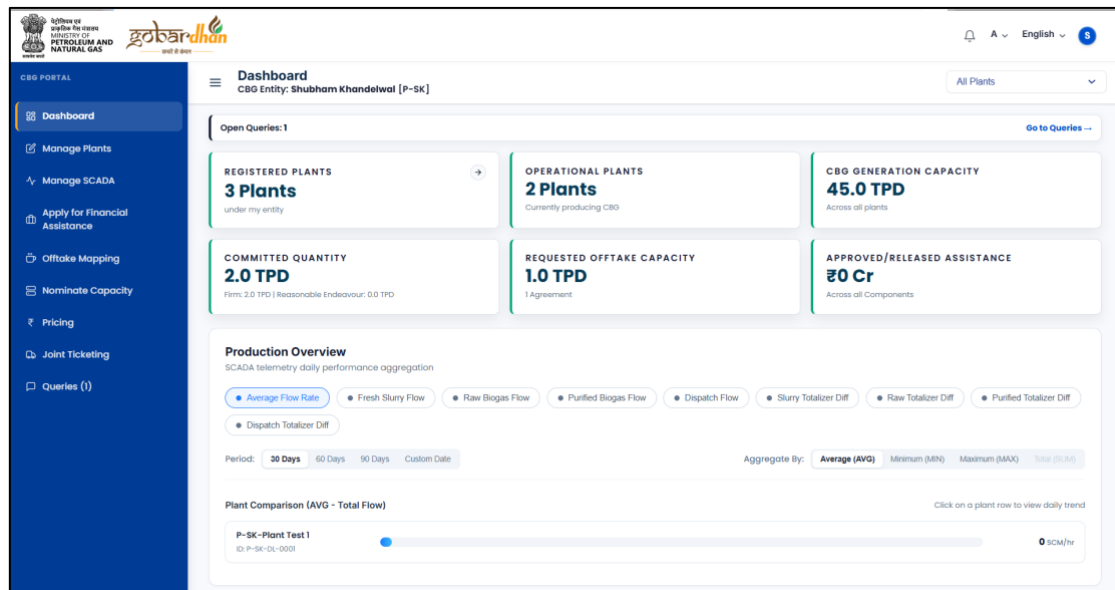


- The **Account Login** screen provides an authentication interface for users to securely access the MYPNG platform as a **CBG Producer** or **CGD Entity**.
- Users are required to provide their **User Name, Email or Mobile Number** and **Password**. The screen also provides an option to recover forgotten login credentials.
- A verification component is displayed before the user submits the login request.
- After successful authentication, the user can access the functions available to their account.

4. Dashboard

The **CBG Operations Dashboard** provides a centralized operational view of a CBG (Compressed Biogas) entity's registered plants, operational plants, CBG generation capacity, committed quantity, offtake capacity, and approved or released assistance.

The dashboard also provides a **Production Overview** section for monitoring plant-level production metrics and comparing total flow across registered plants.



The dashboard is designed to help CBG entity users:

- Monitor the number of **registered plants**.
- View the number of **operational plants**.
- Monitor **CBG generation capacity** across plants.
- Review the **committed quantity**.
- View the **requested offtake capacity**.
- Monitor **approved/released assistance**.
- Analyze production-related flow metrics.
- Compare production performance across plants.
- View production trends for an individual plant.

Metric	Description
Registered Plants	Displays the number of plants registered under the entity.
Operational Plants	Displays the number of plants currently producing CBG.
CBG Generation Capacity	Displays the CBG generation capacity across all plants.
Committed Quantity	Displays the committed quantity.
Requested Offtake Capacity	Displays the requested offtake capacity.
Approved/Released Assistance	Displays the approved or released assistance amount.

Production Overview

The **Production Overview** section provides production-related monitoring options.

The following flow metrics are visible:

- **Average Flow Rate**
- **Fresh Slurry Flow**
- **Raw Biogas Flow**
- **Purified Biogas Flow**
- **Dispatch Flow**
- **Slurry Totalizer Diff**
- **Raw Totalizer Diff**
- **Purified Totalizer Diff**
- **Dispatch Totalizer Diff**

Column	Description
GOBARDHAN PLANT ID	Displays the unique identifier associated with the plant.
GA	Displays the Geographical Area associated with the plant.
PLANT NAME	Displays the name of the plant.
PLANT TYPE	Displays the type of plant.
STATE	Displays the state in which the plant is located.
CAPACITY (TPD)	Displays the plant capacity in TPD (tonnes per day).
PREDOMINANT FEEDSTOCK	Displays the predominant feedstock associated with the plant.
PLANT STATUS	Displays the status of the plant, such as Commissioned or Yet to Start .
REGISTRATION STATUS	Displays the registration status, such as Approved , Pending , or Under Review .
LAST UPDATED	Displays the date on which the plant information was last updated.
ACTIONS	Provides controls for performing actions on the corresponding plant record.

Module Availability by Plant Stage

SAMPURN GOBARDhan Portal — AO, CA, DPI and ACP Modules

Module	Yet to Start	Under Construction	Commissioning
Plant Registration	Available	Available	Available
Capital Assistance — Sub-Component I (Plant Machinery)	Locked	Available <i>Tranche 1 on CTE</i>	Available <i>Tranche 2 (first sale) + Tranche 3 (PLF)</i>
Capital Assistance — Sub-Component II (Feedstock/Manure Machinery)	Locked —	Locked —	Available <i>Unlocks on CTO/PESO record</i>
Assured Offtake (AO)	Locked <i>Requires Under-Construction/Commissioned status</i>	Available <i>GA mapping, offtake request, Tripartite Agreement</i>	Available <i>Ongoing 15-day DNQ forecasts</i>
DPI — Sub-Component I (CGD Network Connectivity)	Locked <i>Needs ≥25% progress or Commissioned</i>	Available	Available
DPI — Sub-Component II (Trunk Pipeline/Cluster)	Locked <i>Needs ≥25% progress or Commissioned</i>	Available	Available

Administered CBG Pricing (ACP)	Locked <i>Needs SCADA/GC/interlock installed</i>	Locked <i>Needs SCADA/GC/interlock installed</i>	Available <i>Apply + ongoing SCADA compliance</i>
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Green = available at that stage · Grey = locked. "Yet to Start" = pre-registration/below 25% physical progress; "Under Construction" = $\geq 25\%$ physical progress; "Commissioning" = CTO/PESO obtained through steady operation.

5.1 Add New Plant

The **Register CBG Production Plant** screen enables a CBG producer to register a new CBG production plant in the Gobardhan Portal. The registration form captures the key details required to identify and describe the plant, including plant type, plant status, commissioning date, plant capacity, location, feedstock availability, collection and aggregation details, plant documentation, and operations coordinator information.

Register CBG Production Plant
CBG Entity: Shubham Khandelwal [P-SK]

Legacy GOBARDHAN ID: shubham.khandelwal [Lookup & Prefill](#)

Plant Type: CBG Plant | Select Plant Status: Yet to Start | Projected Date of Commissioning: Select date

1. Plant Core Particulars

CBG Plant Name: P-SK- ABC CBG Plant | Plant GSTIN: Enter GSTIN | Verify | Installed CBG Capacity (in TPD): 5.0

State: Select State | District: Select state first | Tehsil: Select Tehsil | Village: Select Village

GA: Select state first | Survey/Plot No: Enter Plot No | Pincode: Enter Pin

Interactive Location Pin Map

Additional Address Details (Optional)
Any other landmark, road name, colony, or ward details...

2. (A) Annual Feedstock Details as per DPR

Agri/hand Residue: 0.00 TPA | Animal Waste (Cattle Dung): 0.00 TPA | Animal Waste (Non-Cattle Dung): 0.00 TPA

Press Mud: 0.00 TPA | Spent Wash: 0.00 TPA | Municipal Solid Waste: 0.00 TPA

Sewage waste: 0.00 TPA | Industrial Effluent: 0.00 TPA | Others: Search name

Predominant Feedstock: | Total Feedstock: 0.00 TPA

2. (B) Feedstock Survey & Availability

Survey conducted: Select | Catchment radius (km): Enter catchment radius

2. (C) Collection & Aggregation Model

Aggregation model: Direct [] Aggregation [] FPO [] Municipal [] Contract farming [] Own []

On-site storage (days): Enter on-site storage days | Quantity feed-up (TPA): Enter quantity feed-up | Indicative price (₹/tonne): Enter indicative price

The screenshot shows the 'Register CBG Production Plant' form on the CBG Portal. The portal header includes the Ministry of Petroleum and Natural Gas logo and the 'govt of india' logo. The left sidebar contains navigation links: Dashboard, Manage Plants, Manage SCADA, Apply for Financial Assistance, Offtake Mapping, Nominate Capacity, Pricing, Joint Ticketing, and Queries (1). The main form area is titled 'Register CBG Production Plant' and includes the user's name 'Shubham Khandelwal [P-5x]'. It features three input fields: 'Enter on-site storage days', 'Enter quantity fed up', and 'Enter indicative price'. Below these is section '3. Upload Plant Documents' with a 'Download DPR Format (PDF)' button and an 'Upload DPR' button. Section '4. Plant Operations Coordinator' has a checkbox 'Is Plant Operations Coordinator same as Entity Authorized Officer?' which is checked. Below this is a table for 'ENTITY AUTHORIZED OFFICER (Auto-filled from Entity Profile)' with fields for Full Name, Designation, Email ID, and Mobile Number. The values are: Shubham Khandelwal, Area Manager, shubham.khandelwal@amantiatech.com, and 8800628725. At the bottom are 'Cancel', 'Reset', and 'Submit' buttons.

CBG PORTAL

Ministry of Petroleum and Natural Gas

govt of india

Register CBG Production Plant

CBG Entity: Shubham Khandelwal [P-5x]

Enter on-site storage days

Enter quantity fed up

Enter indicative price

3. Upload Plant Documents

Download DPR Format (PDF)

Detailed Project Report (DPR) • Upload DPR (xls per format) Supported: PDF (Max 5 MB per file)

4. Plant Operations Coordinator

☒ Is Plant Operations Coordinator same as Entity Authorized Officer?

ENTITY AUTHORIZED OFFICER (Auto-filled from Entity Profile)

FULL NAME	DESIGNATION
Shubham Khandelwal	Area Manager

EMAIL ID	MOBILE NUMBER
shubham.khandelwal@amantiatech.com	8800628725

These details are sourced from your registered Entity Profile. To change them, update your profile.

Cancel Reset Submit

It is organized into multiple sections to guide the user through the plant registration process:

1. Plant Core Particulars
2. Annual Feedstock Details as per DPR
3. Feedstock Survey & Availability
4. Collection & Aggregation Model
5. Upload Plant Documents
6. Plant Operations Coordinator

Plant Registration Details

Field / Control	Description
Legacy GOBARDhan ID	Allows the user to enter a Legacy GOBARDhan ID associated with the plant.
Lookup & Prefill	Retrieves available information associated with the entered Legacy GOBARDhan ID and provides a prefill function.
Plant Type	Allows the user to select the type of plant being registered.
Select Plant Status	Allows the user to specify the status of the plant.
Projected Date of Commissioning	Allows the user to specify the projected commissioning date of the plant.

Plant Core Particulars

Field / Control	Description
CBG Plant Name	Allows the user to enter the name of the CBG production plant.
Plant GSTIN	Allows the user to enter the plant's GSTIN.
Verify	Provides an option to verify the entered Plant GSTIN.
Installed CBG Capacity (in TPD)	Allows the user to enter the installed CBG production capacity in TPD.
State	Allows the user to select the state in which the plant is located.
District	Allows the user to select the district associated with the selected state.
Tehsil	Allows the user to select the applicable tehsil.
Village	Allows the user to select the applicable village.
GA	Allows the user to select the applicable Geographical Area (GA).
Survey/Plot No	Allows the user to enter the survey or plot number associated with the plant location.

Pincode	Allows the user to enter the postal pincode of the plant location.
Additional Address Details	Allows the user to enter additional location information such as a landmark, road name, colony, or ward details.

Annual Feedstock Details as per DPR

Field	Description
Agricultural Residue	Allows the user to enter the annual quantity of agricultural residue available as feedstock.
Animal Waste (Cattle Dung)	Allows the user to enter the annual quantity of cattle dung available as feedstock.
Animal Waste (Non-Cattle Dung)	Allows the user to enter the annual quantity of non-cattle animal waste available as feedstock.
Press Mud	Allows the user to enter the annual quantity of press mud available as feedstock.
Spent Wash	Allows the user to enter the annual quantity of spent wash available as feedstock.
Municipal Solid Waste	Allows the user to enter the annual quantity of municipal solid waste available as feedstock.
Sewage Waste	Allows the user to enter the annual quantity of sewage waste available as feedstock.
Industrial Effluent	Allows the user to enter the annual quantity of industrial effluent available as feedstock.
Others – Specify name	Allows the user to specify another feedstock type and enter its annual quantity.
Predominant Feedstock	Displays the predominant feedstock based on the feedstock information entered.
Total Feedstock	Displays the total feedstock quantity represented by the entered feedstock details.

Feedstock Survey & Availability

Field	Description
Survey conducted?	Allows the user to specify whether a feedstock survey has been conducted.
Catchment radius (km)	Allows the user to specify the catchment radius associated with feedstock availability.

Collection & Aggregation Model

Field / Option	Description
Aggregation model	Allows the user to select the applicable feedstock collection/aggregation model.
On-site storage (days)	Allows the user to specify the number of days for which feedstock can be stored on site.
Quantity tied-up (TPA)	Allows the user to specify the quantity of feedstock tied up for the plant.
Indicative price (₹/tonne)	Allows the user to enter the indicative feedstock price per tonne.

Upload Plant Documents

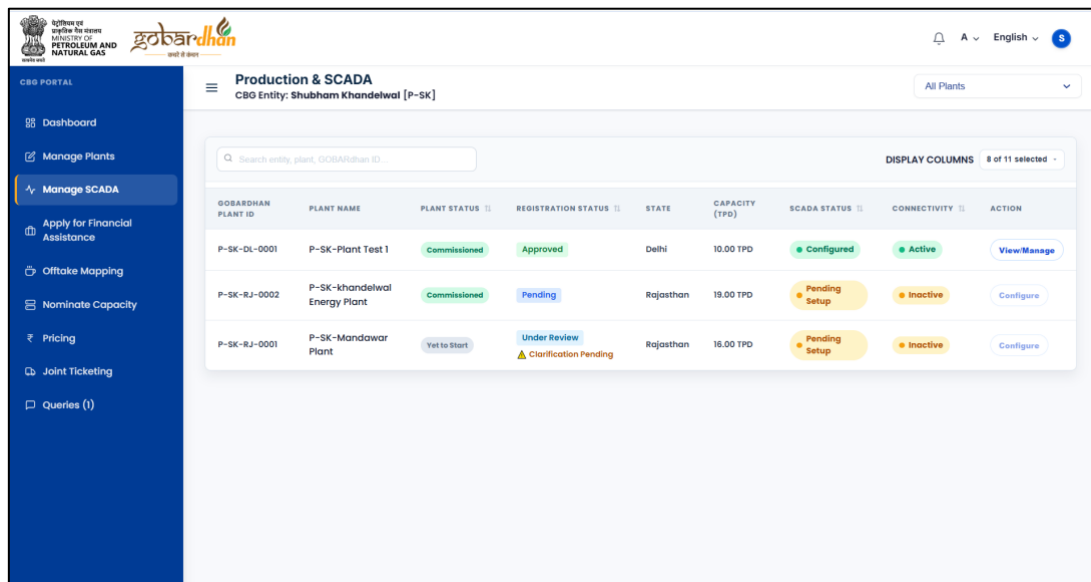
Field / Control	Description
Detailed Project Report (DPR)	Allows the user to upload the Detailed Project Report for the plant.
Upload DPR	Opens the document upload function for submitting the DPR.
Download DPR Format (PDF)	Allows the user to download the DPR format provided by the portal.

Plant Operations Coordinator

Field / Control	Description
Is Plant Operations Coordinator same as Entity Authorized Officer?	Allows the user to indicate whether the Plant Operations Coordinator and Entity Authorized Officer are the same person.
Coordinator Full Name	Allows the user to enter the full name of the Plant Operations Coordinator.
Designation	Allows the user to enter the coordinator's designation.
Email ID	Allows the user to enter the coordinator's email address.
Verify	Provides an option to verify the entered email ID.
Mobile Number	Allows the user to enter the coordinator's mobile number.
Verify	Provides an option to verify the entered mobile number.
Password	Allows the user to set a password for the coordinator account/information.
Show/Hide Password	Allows the user to show or hide the entered password.
Confirm Password	Allows the user to re-enter the password for confirmation.
Show/Hide Confirm Password	Allows the user to show or hide the confirmation password.

6. Manage SCADA

The **Production & SCADA** screen provides a centralized view of CBG plant information and SCADA-related status. It displays registered plants, plant details, SCADA status, connectivity status, and available actions.



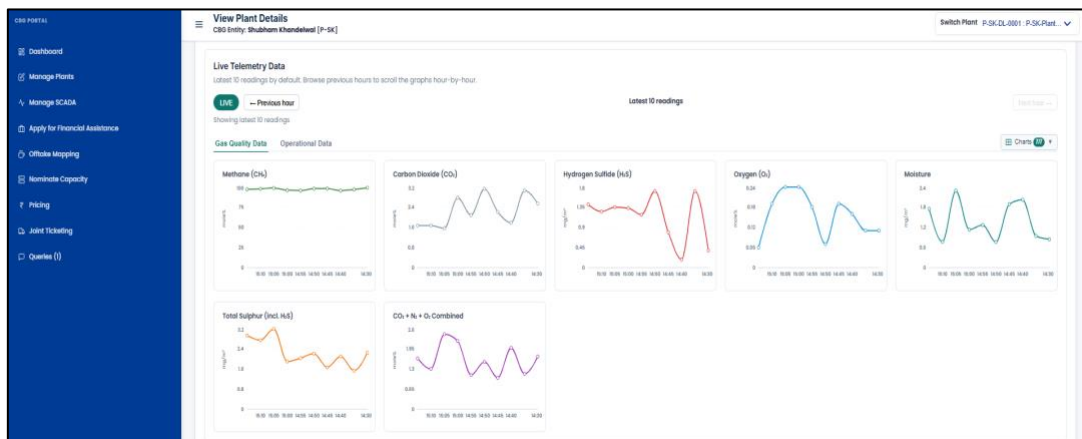
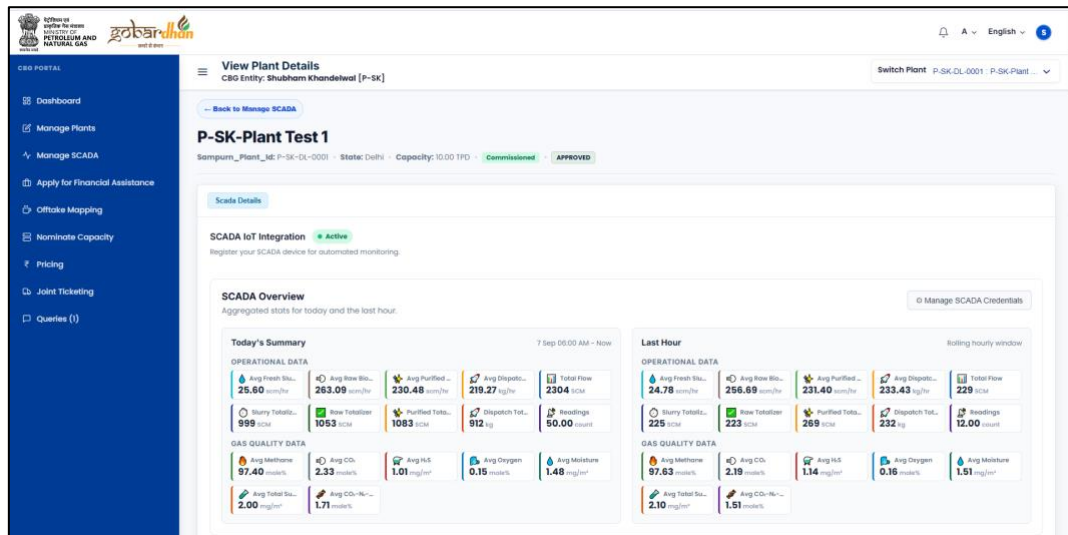
The screen is used to:

- View registered CBG plants.
- Review plant and registration status.
- View plant capacity.
- Monitor SCADA status.
- Check plant connectivity.
- Search for a specific plant or entity.
- Open or configure a plant.

Field / Column	Description
GOBARDHAN Plant ID	Displays the unique identifier associated with the plant.
Plant Name	Displays the name of the plant.
Plant Status	Displays the current plant status.
Registration Status	Displays the registration status of the plant.
State	Displays the state associated with the plant.
Capacity (TPD)	Displays the plant capacity in TPD.
SCADA Status	Displays the current SCADA status of the plant.
Connectivity	Displays the connectivity status of the plant.
Action	Provides an action applicable to the corresponding plant.

6.1 View / Manage

The **View Plant Details** screen provides detailed information about a selected CBG production plant. It combines plant information, SCADA connectivity, operational and gas-quality data, live telemetry charts, and detailed SCADA readings in one screen.



Detailed Readings
Tabular SCADA readings from raw payload. Live mode shows the latest 10 readings; browse hour-by-hour or filter by date and time range.

Live (last 10) Browse by hour Date & time range

Showing latest 10 readings (auto-refresh)

Gas Quality Data Operational Data

DISPLAY COLUMNS 9 of 9 selected

Reading At	Methane (mole%)	CO ₂ (mole%)	H ₂ S (mg/m ³)	Oxygen (mole%)	Moisture (mg/m ³)	Total Sulphur (mg/m ³)	CO ₂ -N ₂ -O ₂ (mole%)	Anomaly
September 7 3:15 PM	97.01	1.67	1.41	0.06	1.75	2.93	1.64	Normal
September 7 3:10 PM	97.7	1.67	1.25	0.19	0.77	2.74	1.3	Normal
September 7 3:05 PM	98.73	1.56	1.35	0.24	2.29	3.19	2.42	Normal
September 7 3:00 PM	96.04	2.78	1.33	0.24	1.13	1.89	2.2	Normal
September 7 2:55 PM	95.64	2.08	1.18	0.18	1.27	2.03	1.1	Normal
September 7 2:50 PM	97.97	3.13	1.71	0.07	0.76	2.21	1.53	Normal
September 7 2:45 PM	98.06	2.21	0.79	0.19	1.89	1.66	1.01	Normal
September 7 2:40 PM	95.58	1.78	0.18	0.16	2.02	2.1	1.98	Normal
September 7 2:35 PM	96.96	3.06	1.71	0.11	0.94	1.53	1.14	Normal
September 7 2:30 PM	99.01	2.54	0.38	0.11	0.84	2.24	1.7	Normal

The screen allows users to:

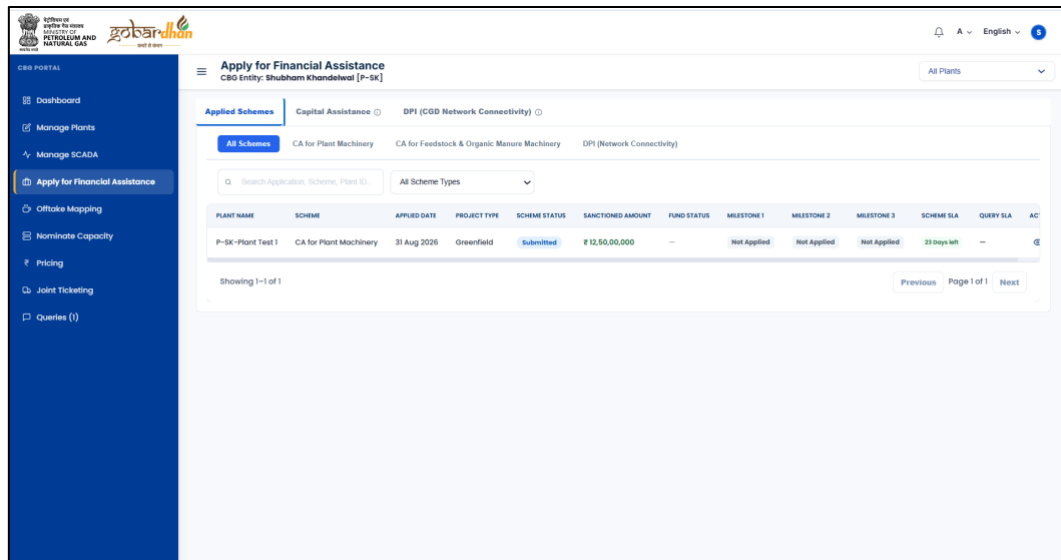
- View basic plant information.
- Check the SCADA IoT integration status.
- View today's and the last-hour operational data.
- Monitor gas-quality parameters.
- View live telemetry trends.
- Browse previous-hour readings.
- View detailed SCADA readings in a table.
- Manage SCADA credentials.
- Switch between plants.

7. Apply for Financial Assistance

7.1 Applied Scheme

7.1.1 All Schemes

The **Apply for Financial Assistance** screen allows users to view financial assistance applications associated with CBG plants.



This screen allows user:

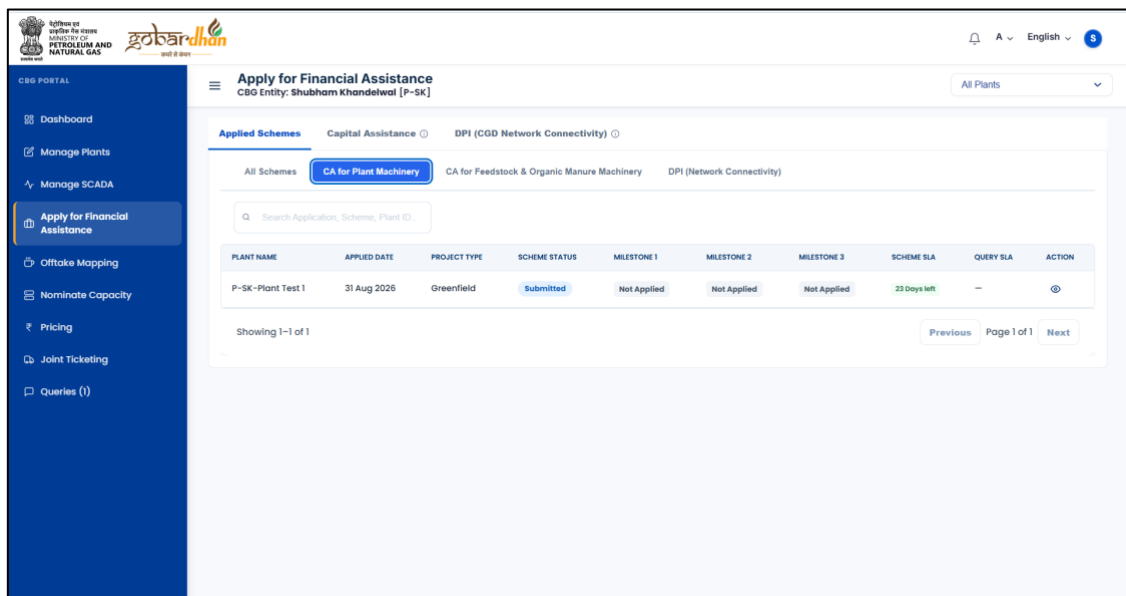
- View submitted financial assistance applications.
- Filter applications by scheme type.
- Search for an application, scheme, or plant.
- Review the status and sanctioned amount of an application.
- Monitor milestone and SLA information.

Field / Column	Description
Plant Name	Identifies the plant associated with the application.
Scheme	Identifies the financial assistance scheme associated with the application.
Applied Date	Displays the date on which the application was submitted.
Project Type	Displays the project type associated with the application.
Scheme Status	Displays the current status of the scheme application.
Sanctioned Amount	Displays the sanctioned financial assistance amount.
Fund Status	Displays the current fund status.

Milestone 1	Displays the status of Milestone 1.
Milestone 2	Displays the status of Milestone 2.
Milestone 3	Displays the status of Milestone 3.
Scheme SLA	Displays the remaining scheme SLA information.
Query SLA	Displays the query SLA information.
Action	Provides an action control for the application.

7.1.2 CA for Plant Machinery

The **CA for Plant Machinery** scheme displays applications related to assistance for plant machinery. Users can search for an application and review its application date, project type, scheme status, milestone status, and SLA information.



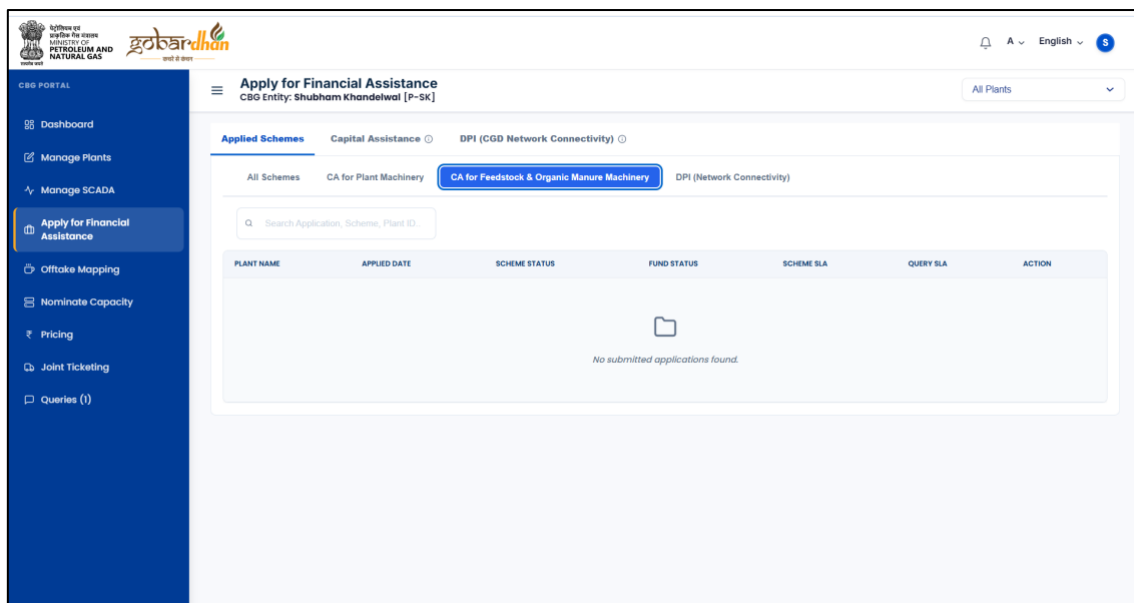
This screen used for:

- View applications submitted under **CA for Plant Machinery**.
- Search for a specific application.
- Review the application status.
- Check the status of Milestone 1, Milestone 2, and Milestone 3.
- Monitor the **Scheme SLA** and **Query SLA**.

Field	Description
PLANT NAME	Displays the name of the plant associated with the financial assistance application.
APPLIED DATE	Displays the date on which the application was submitted.
PROJECT TYPE	Displays the project type associated with the application.
SCHEME STATUS	Displays the status of the scheme application.
MILESTONE 1	Displays the status of Milestone 1.
MILESTONE 2	Displays the status of Milestone 2.
MILESTONE 3	Displays the status of Milestone 3.
SCHEME SLA	Displays the available Scheme SLA information.
QUERY SLA	Displays the Query SLA information.
ACTION	Provides an action for the application record.

7.1.3 CA for Feedstock & Organic Manure Machinery

The **CA for Feedstock & Organic Manure Machinery** option displays applications submitted under the Feedstock & Organic Manure Machinery scheme. In the provided screenshot, no submitted applications are available for this scheme.

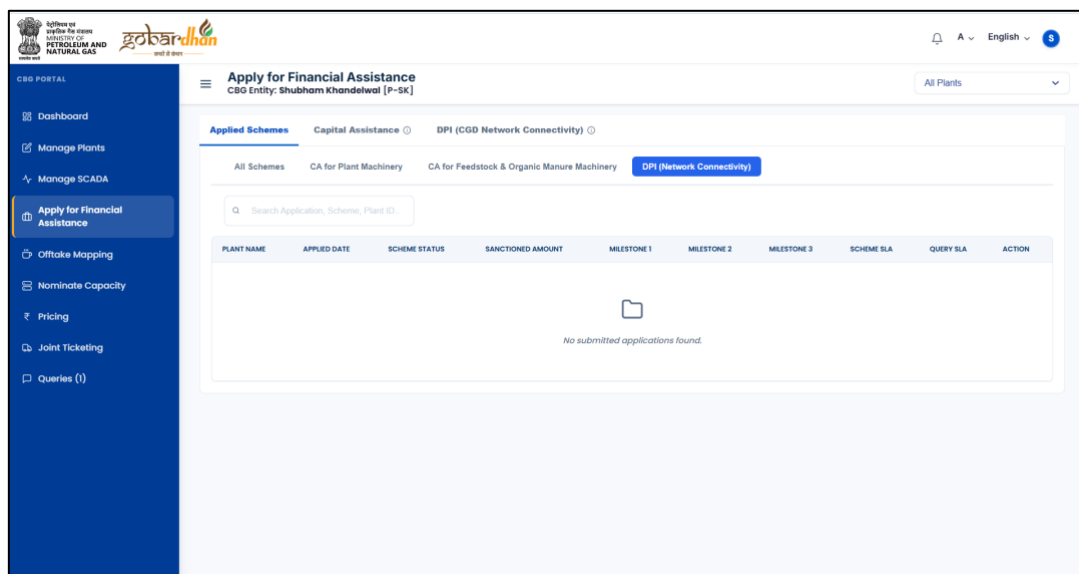


This screen used for:

- View financial assistance schemes.
- Select a specific assistance category.
- Search for an application, scheme, or Plant ID.
- Review submitted applications.
- Check scheme status, fund status, and SLA information when application records are available.

Field	Description
PLANT NAME	Displays the name of the plant associated with an application.
APPLIED DATE	Displays the date on which an application was submitted.
SCHEME STATUS	Displays the status of the scheme application.
FUND STATUS	Displays the status of the funds associated with the application.
SCHEME SLA	Displays the Scheme SLA information.
QUERY SLA	Displays the Query SLA information.
ACTION	Provides an action for an application record.

7.1.4 DPI (Network Connectivity)



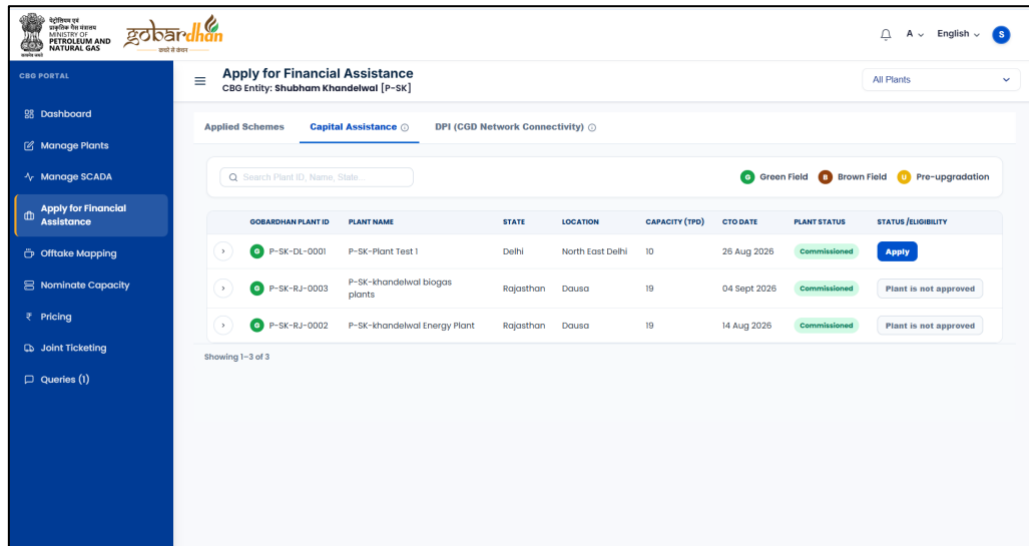
This screen used to:

- View submitted financial assistance applications.
- Select a financial assistance category.
- Search for applications using application, scheme, or Plant ID information.
- Review application status and milestone information when records are available.
- View Scheme SLA and Query SLA information.

Field	Description
PLANT NAME	Displays the name of the plant associated with the application.
APPLIED DATE	Displays the date associated with the submitted application.
SCHEME STATUS	Displays the status of the scheme application.
SANCTIONED AMOUNT	Displays the sanctioned amount associated with the application.
MILESTONE 1	Displays the status or information associated with Milestone 1.
MILESTONE 2	Displays the status or information associated with Milestone 2.
MILESTONE 3	Displays the status or information associated with Milestone 3.
SCHEME SLA	Displays the Scheme SLA information for the application.
QUERY SLA	Displays the Query SLA information for the application.
ACTION	Provides an action control for an application record.

7.2 Capital Assistance

The **Capital Assistance** screen displays CBG plants and their eligibility for capital assistance. The screen provides a searchable list of plants. It shows plant details such as Plant ID, plant name, state, location, capacity, CTO date, plant status, and assistance eligibility.



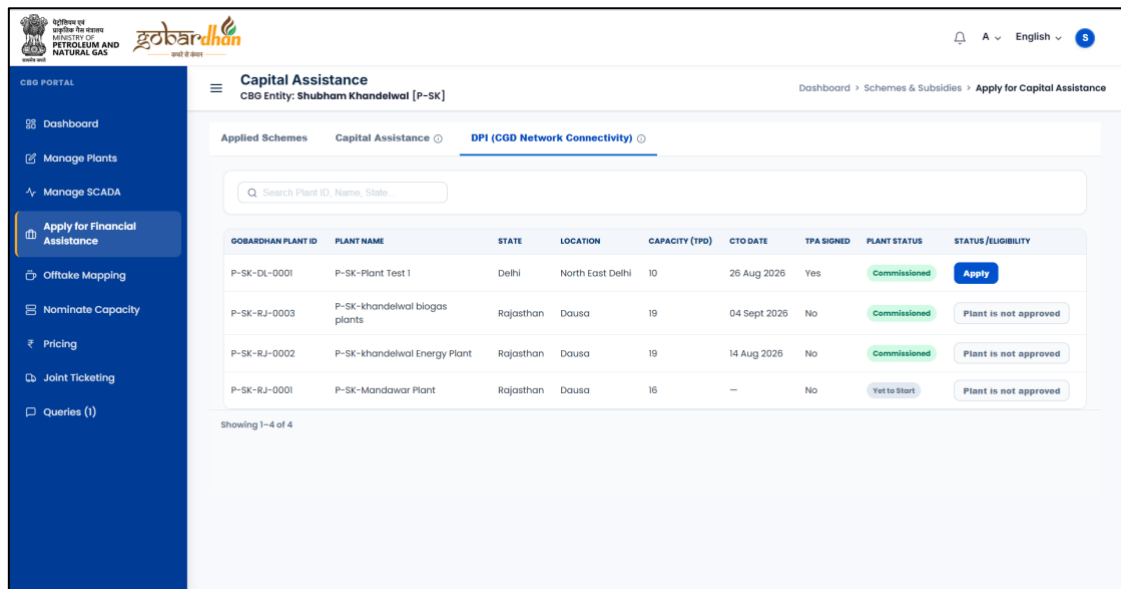
The **Capital Assistance** screen used to:

- View CBG plants available for capital assistance.
- Search for a plant using Plant ID, name, or state.
- Review plant details.
- Check the plant status and assistance eligibility.
- Select **Apply** for an eligible plant.

Field	Description
GOBARDHAN PLANT ID	Displays the identifier of the plant.
PLANT NAME	Displays the name of the plant.
STATE	Displays the state associated with the plant.
LOCATION	Displays the plant location.
CAPACITY (TPD)	Displays the plant capacity in TPD.
CTO DATE	Displays the CTO date for the plant.
PLANT STATUS	Displays the status of the plant.
STATUS / ELIGIBILITY	Displays the available assistance action or eligibility status for the plant.

7.3 DPI (CGD Network Connectivity)

In the Side menu tap on **Apply for Financial Assistance** a screen will displays plants available under the **DPI (CGD Network Connectivity)** assistance category after tapping on it. The screen lists plant details and shows the plant's status and eligibility for applying for assistance. Users can also search for a plant-by-Plant ID, name, or state.



This screen used to:

- View plants listed under DPI (CGD Network Connectivity).
- Search for a specific plant.
- Review plant information.
- Check the TPA SIGNED and PLANT STATUS values.
- Check the STATUS / ELIGIBILITY of a plant.
- Select Apply when the plant is eligible.

Field	Description
GOBARDHAN PLANT ID	Displays the unique identifier of the plant.
PLANT NAME	Displays the name of the plant.
STATE	Displays the state where the plant is located.
LOCATION	Displays the plant location.
CAPACITY (TPD)	Displays the plant capacity in TPD.

CTO DATE	Displays the CTO date associated with the plant.
TPA SIGNED	Displays whether TPA is marked as signed for the plant.
PLANT STATUS	Displays the current plant status.
STATUS / ELIGIBILITY	Displays the plant's assistance status or available action.

7.3.1 Apply DPI

The **Apply for Financial Assistance** screen allows users to apply for **DPI**. The first step collects basic information about the geographical area, injection point, pipeline, project cost, and financial model.

The application is divided into three steps:

1. **Pipeline Details**
2. **Documents & Declarations**
3. **Review & Submit**

Field	Description
Select GA (with existing FIRM TPA)	Selects the applicable Geographical Area.
CBG Entity Name	Displays the CBG entity associated with the selected GA.
GA Type	Displays the type of the selected GA.
Latitude	Specifies the latitude of the injection point.
Longitude	Specifies the longitude of the injection point.
Steel Pipeline Length (km)	Specifies the length of the steel pipeline in kilometers.
MDPE Pipeline Length (km)	Specifies the length of the MDPE pipeline in kilometers.
Total Pipeline Length (km)	Displays the total pipeline length in kilometers.
Steel Diameter (inches)	Specifies the diameter of the steel pipeline in inches.
MDPE Diameter (mm)	Specifies the diameter of the MDPE pipeline in millimeters.
Max Flow (SCMH)	Specifies the maximum flow value in SCM/H.
Land & Permission cost	Specifies the estimated cost for land and permissions.
Pipes & Components Cost	Specifies the estimated cost of pipes and components.
Total Project Cost	Displays the total project cost.
Self-Financed	Selects self-financing as the financial model.
Bank Financed	Selects bank financing as the financial model.

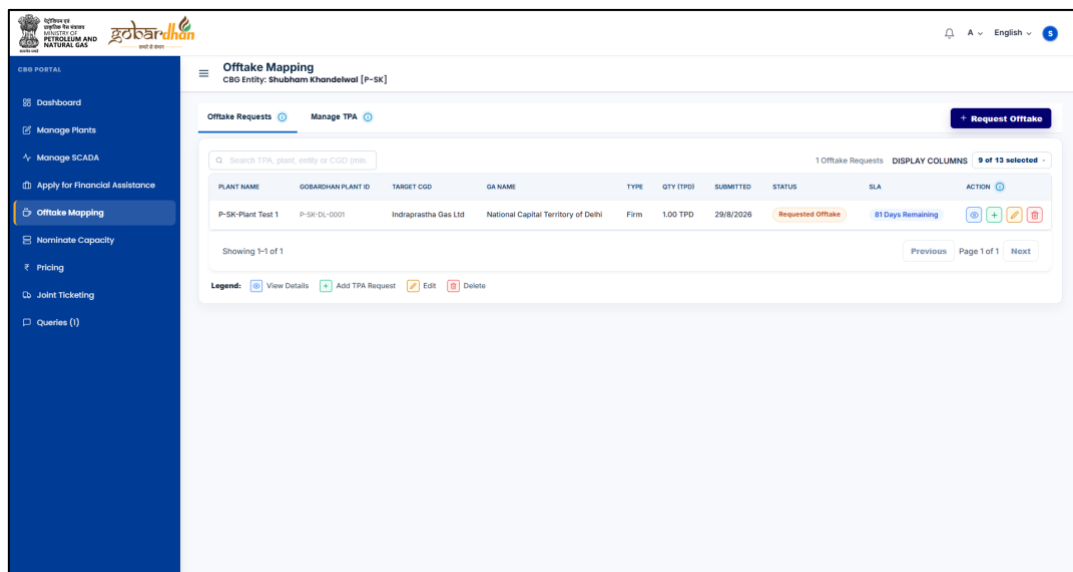
8. Offtake Mapping

8.1 Offtake Requests

The **Offtake Mapping** screen allows users to view and manage offtake requests for CBG plants. The screen displays plant, target CGD, quantity, request status, SLA, and available actions.

The screen contains two tabs:

- **Offtake Requests**
- **Manage TPA**



Field	Description
PLANT NAME	Displays the name of the plant associated with the offtake request.
GOBARDHAN PLANT ID	Displays the Gobardhan Plant ID associated with the plant.
TARGET CGD	Displays the target CGD associated with the request.
GA NAME	Displays the Geographical Area name associated with the request.
TYPE	Displays the type associated with the request.
QTY (TPD)	Displays the requested quantity in TPD.
SUBMITTED	Displays the date on which the request was submitted.
STATUS	Displays the current status of the offtake request.
SLA	Displays the SLA information for the request.
ACTION	Provides actions that can be performed on the request.

8.1.1 Request Offtake

The **Request Offtake** screen displays the plants available for an offtake request. It provides plant details, location, plant status, SCADA status, installed capacity, remaining capacity, and request eligibility.

S.NO.	PLANT NAME / ID	LOCATION	STATUS	SCADA	INSTALLED (TPD)	REMAINING (TPD)	ACTION
1	P-SK-khandelwal biogas plants P-SK-RJ-0003	Rajasthan Dausa	Commissioned	Pending	19.00	19.00	Not Eligible
2	P-SK-khandelwal Energy Plant P-SK-RJ-0002	Rajasthan Dausa	Commissioned	Pending	19.00	19.00	Not Eligible
3	P-SK-Plant Test 1 P-SK-DL-0001	Delhi North East Delhi	Commissioned	Integrated	10.00	8.00	Proceed
4	P-SK-Mandawar Plant P-SK-RJ-0001	Rajasthan Dausa	Yet to Start	Not Required	16.00	16.00	Not Eligible

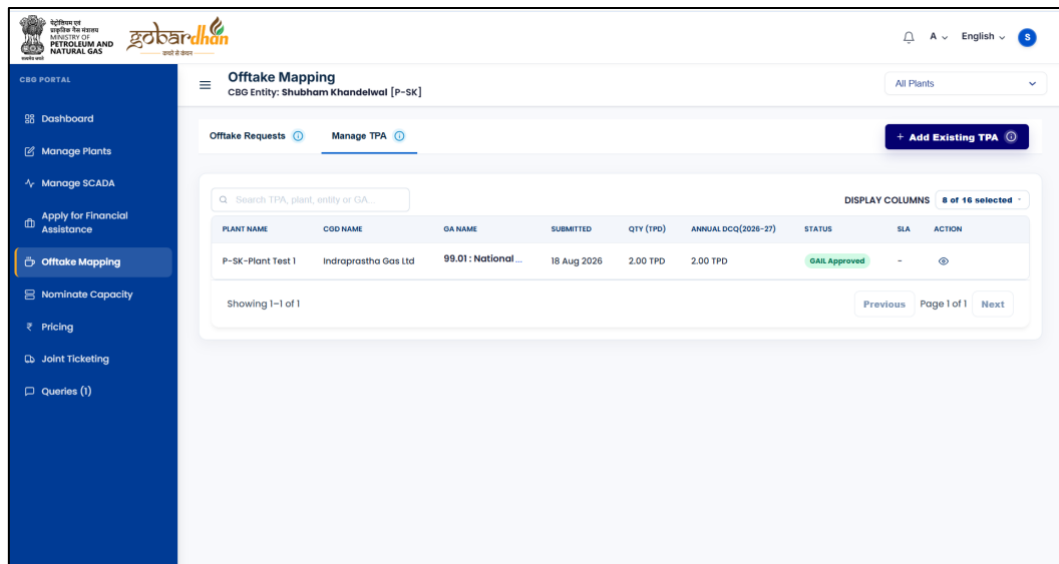
Field	Description
S.NO.	Displays the serial number of the plant record.
PLANT NAME / ID	Displays the plant name and associated plant ID.
LOCATION	Displays the state and location of the plant.
STATUS	Displays the current plant status.
SCADA	Displays the SCADA status.
INSTALLED (TPD)	Displays the installed capacity in TPD.
REMAINING (TPD)	Displays the remaining capacity in TPD.
ACTION	Displays the action available for the plant.

8.2 Manage TPA

The **Manage TPA** screen is available under **Offtake Mapping**. It displays the TPA records associated with the current CBG entity.

The screen allows users to:

- View existing TPA records.
- Search for a TPA, plant, entity, or GA.
- Review TPA-related details.
- View the TPA status.
- Check the SLA information.
- Add an existing TPA record.



Field	Description
PLANT NAME	Displays the name of the plant associated with the TPA record.
CGD NAME	Displays the name of the CGD associated with the TPA record.
GA NAME	Displays the GA information associated with the record.
SUBMITTED	Displays the date on which the record was submitted.
QTY (TPD)	Displays the quantity associated with the TPA record in TPD.
ANNUAL QDC (2026-27)	Displays the annual QDC value for the 2026–27 period.
STATUS	Displays the status of the TPA record.
SLA	Displays the SLA information for the TPA record.
ACTION	Displays the available action for the record.

8.2.1 Add Existing TPA

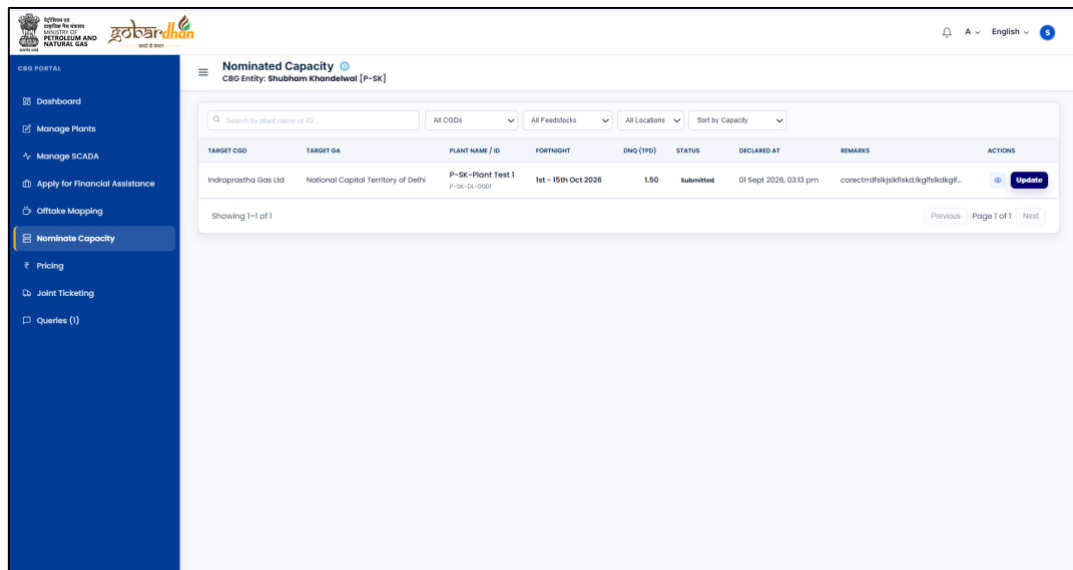
The **Add Existing TPA** form allows the user to add an existing TPA record for a selected plant. The form contains plant information, geographical and entity details, TPA details, quantity information, dates, offtake information, and remarks.

Field	Description
Plant	Displays the plant for which the existing TPA is being added.
Geographical Area	Specifies the geographical area associated with the TPA.
CGD Entity	Specifies the CGD entity associated with the TPA.
Contract Eligibility End	Displays the contract eligibility end date.
TPA Type	Specifies the type of TPA.
Committed Quantity (TPD)	Specifies the committed quantity in TPD.
Annual DCQ (TPD)	Specifies the annual DCQ in TPD.
Date of Signing TPA	Specifies the date on which the TPA was signed.
TPA Start Date	Specifies the start date of the TPA.
Offtake Model	Specifies the applicable offtake model.
Remarks	Provides space for additional information related to the TPA.

9. Nominate Capacity

The **Nominated Capacity** screen allows users to view submitted nominated-capacity records for plants associated with the CBG entity.

The screen provides search and filter options to locate records and displays nomination details such as the target CGD, target GA, plant, fortnight, nominated quantity, status, declaration date, remarks, and available actions.



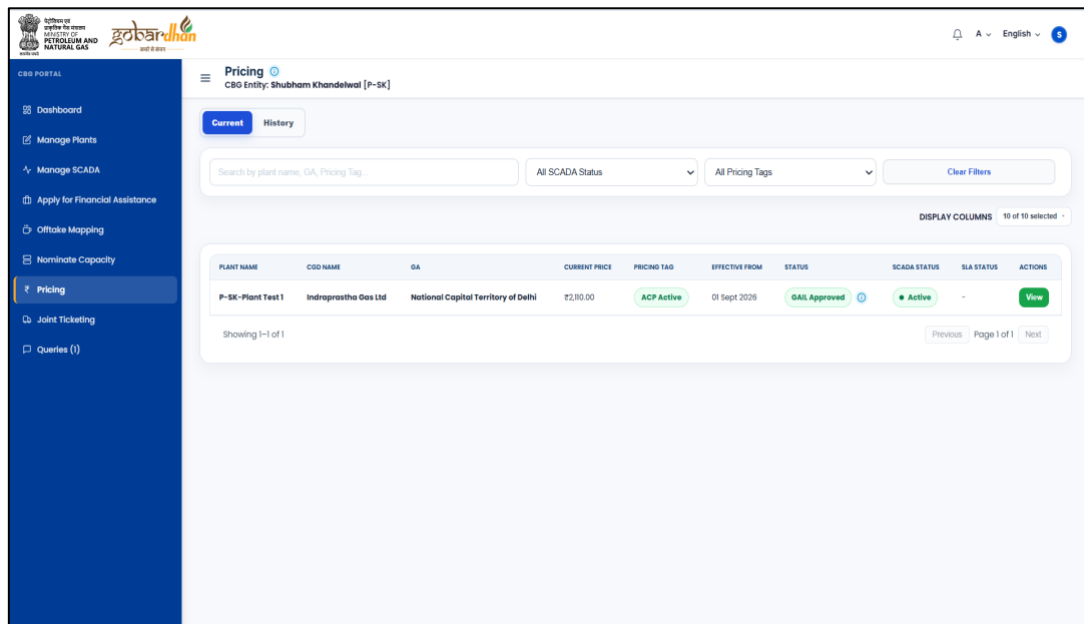
Field	Description
TARGET CGD	Displays the target CGD for the nomination.
TARGET GA	Displays the target geographical area.
PLANT NAME / ID	Displays the plant name and plant ID.
FORTNIGHT	Displays the applicable fortnight.
DNQ (TPD)	Displays the nominated quantity in TPD.
STATUS	Displays the status of the nomination.
DECLARED AT	Displays the date and time when the nomination was declared.
REMARKS	Displays remarks associated with the nomination.
ACTIONS	Provides controls for the available actions on a nomination record.

10. Pricing

10.1 Current

The **Pricing** screen displays the current pricing information for plants associated with the CBG entity.

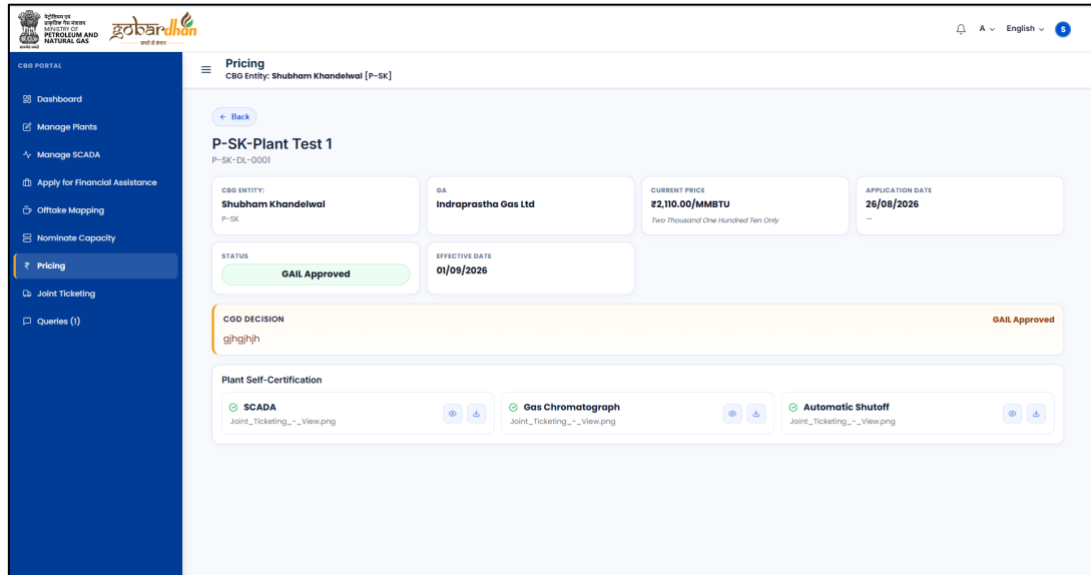
The screen provides **Current** and **History** views. Users can search for pricing records, filter records by SCADA status and pricing tag, clear filters, and view the details of a pricing record.



Column	Description
PLANT NAME	Displays the plant name.
CGD NAME	Displays the CGD name associated with the plant.
GA	Displays the geographical area.
CURRENT PRICE	Displays the current price for the plant.
PRICING TAG	Displays the pricing tag associated with the current price.
EFFECTIVE FROM	Displays the date from which the pricing information is effective.
STATUS	Displays the pricing status.
SCADA STATUS	Displays the SCADA status.
SLA STATUS	Displays the SLA status.
ACTIONS	Provides actions available for the pricing record.

10.1.1 View

The **Pricing** details screen displays detailed pricing information for a selected plant. It provides the plant identity, associated CBG entity and GA, current price, application date, approval status, effective date, CGD decision, and plant self-certification details.



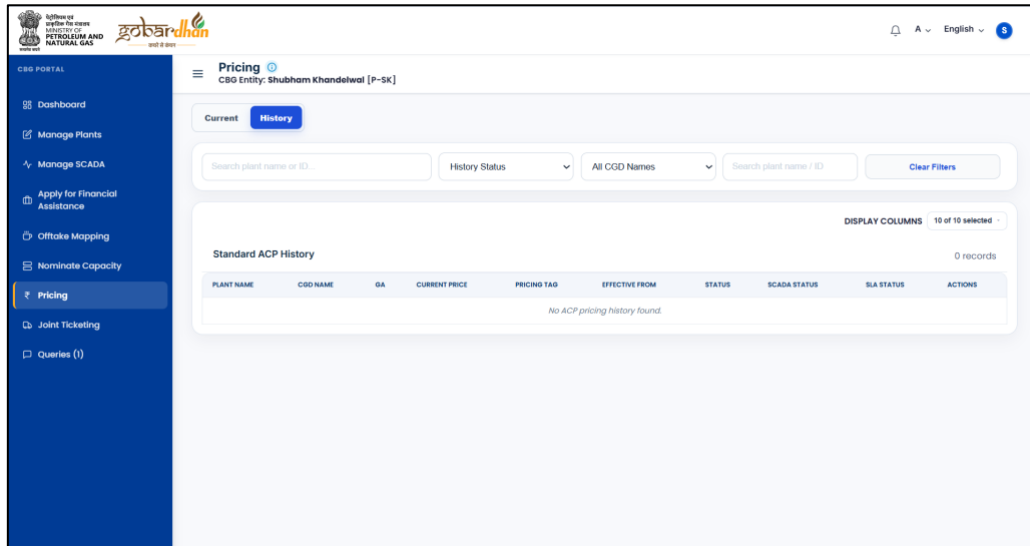
This screen used for:

- View the current pricing information for a plant.
- Review the pricing approval status.
- Check the application and effective dates.
- Review the displayed CGD decision.
- View available plant self-certification records.
- View or download self-certification documents.

10.2 History

The **Pricing** screen displays historical pricing information for the CBG entity.

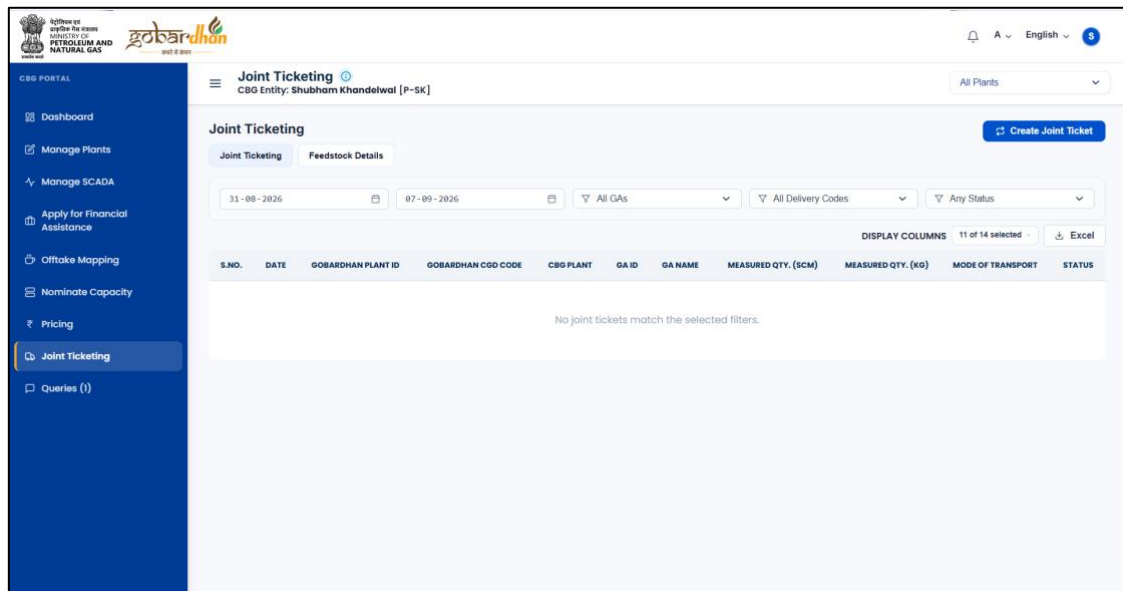
The **Standard ACP History** section displays historical ACP pricing information in a tabular format.



Field	Description
PLANT NAME	Displays the plant name when a record is available.
CGD NAME	Displays the CGD name when a record is available.
GA	Displays the GA information when a record is available.
CURRENT PRICE	Displays the current price when a record is available.
PRICING TAG	Displays the pricing tag when a record is available.
EFFECTIVE FROM	Displays the date from which the pricing information is effective.
STATUS	Displays the record status.
SCADA STATUS	Displays the SCADA status.
SLA STATUS	Displays the SLA status.
ACTIONS	Provides actions for a record when available.

11. Joint Ticketing

The **Joint Ticketing** screen provides access to joint ticket records and feedstock details for the CBG entity. The screen includes date and status filters, a joint ticket table, column-selection controls, and an option to create a joint ticket. No joint tickets match the filters currently displayed.



Field	Description
S.NO.	Displays the serial number of the joint ticket.
DATE	Displays the date associated with the joint ticket.
GOBARDHAN PLANT ID	Displays the Gobardhan plant ID.
GOBARDHAN CGD CODE	Displays the Gobardhan CGD code.
CBG PLANT	Displays the CBG plant information.
GA ID	Displays the GA ID.
GA NAME	Displays the GA name.
MEASURED QTY. (SCM)	Displays the measured quantity in SCM.
MEASURED QTY. (KG)	Displays the measured quantity in kilograms.
MODE OF TRANSPORT	Displays the mode of transport.
STATUS	Displays the status of the joint ticket.
DISPLAY COLUMNS	Provides access to options for selecting the table columns to display.
Excel	Provides an option to export the displayed table information to Excel.

11.1 Create Joint Ticket

The **Daily Production Report** form is used to provide daily production details for a selected plant and submit a joint ticket on the GAIL Portal. The form displays the selected plant and ticketing date and provides fields for feedstock and production-related information.

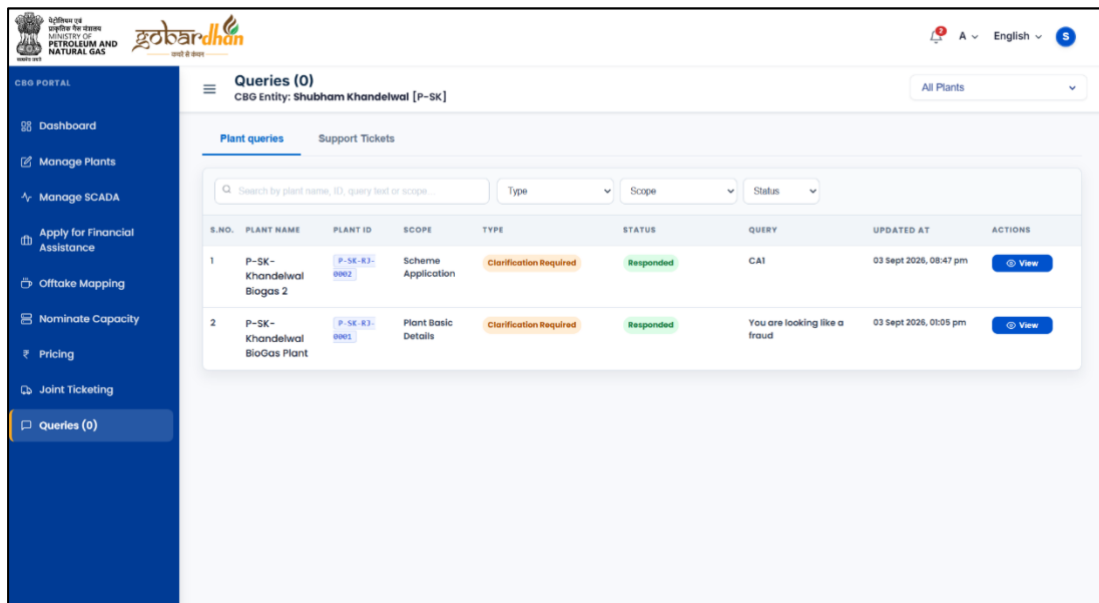
Field	Description
Selected Plant	Displays the plant selected for the daily production report.
Ticketing Date	Displays the date associated with the ticketing information.
Feedstock Type	Allows the user to select the feedstock type or types.
Total Daily Feedstock consumed (in Tons)	Allows the user to enter the total daily feedstock consumed in tons.
Feedstock Price (Per Ton)	Allows the user to enter the feedstock price per ton.
Total Daily FOM Generated (in Tons)	Allows the user to enter the total daily FOM generated in tons.

12. Queries

12.1 Plant Queries

The **Queries** screen provides a centralized view of plant-related queries. It includes **Plant queries** and **Support Tickets** tabs.

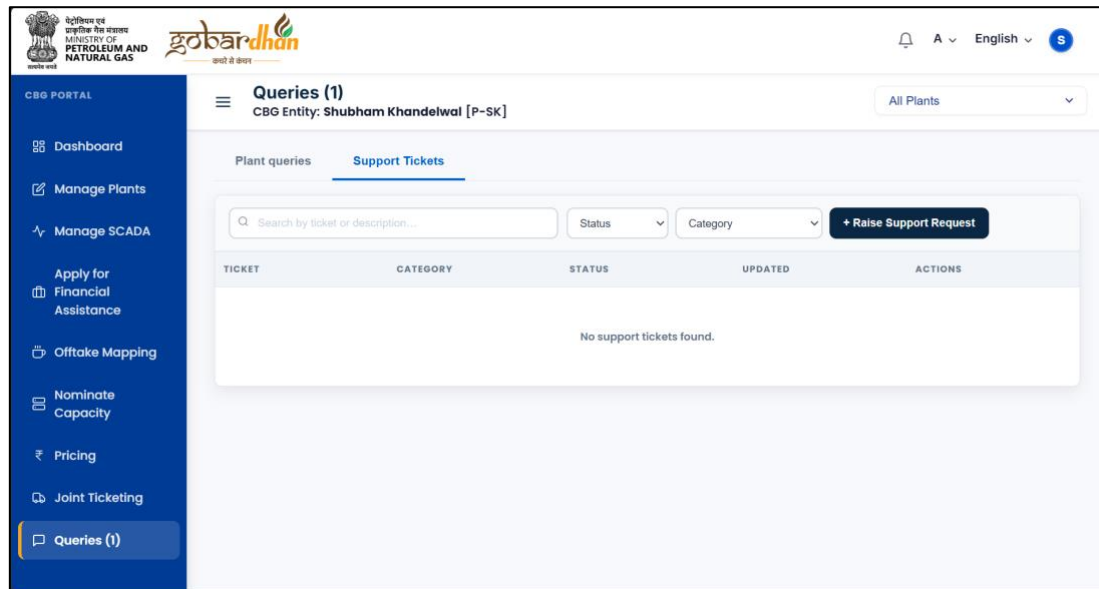
The **Plant queries** tab displays query details such as the plant, scope, type, status, query text, update time, and available action



Field	Description
S.NO.	Displays the serial number of each query.
PLANT NAME	Displays the plant name associated with the query.
PLANT ID	Displays the plant ID associated with the query.
SCOPE	Displays the scope of the query.
TYPE	Displays the query type.
STATUS	Displays the current query status.
QUERY	Displays the query text.
UPDATED AT	Displays the date and time when the query was updated.
ACTIONS	Provides actions available for each query.
View	Opens the corresponding query for viewing.

12.2 Support Queries

The **Support Tickets** screen provides access to support requests for the selected CBG entity and plant context. The screen allows users to search and filter support tickets and provides an option to raise a new support request.



Field	Description
TICKET	Displays support ticket information.
CATEGORY	Displays the category associated with a support ticket.
STATUS	Displays the status of a support ticket.
UPDATED	Displays update information for a support ticket.
ACTIONS	Provides actions for support tickets when records are available.

12.2.1 Raise Support Request

The **Raise Support Request** form allows a user to submit a support request. The form collects the user's contact information, request category, and request description.

Raise Support Request (* indicates mandatory field) ✕

Full Name *
Shubham Khandelwal

Email * ⓘ shubham.khandelwal@amantyatech.com Mobile Number * 8800628725

Category *
Select Category ▼

Description *
Enter Description

Cancel Submit request

Field	Description
Full Name	Users need to enter full name.
Email	Users need to enter the email address.
Mobile Number	Users need to enter the mobile number.
Category	Allows the user to select a category for the support request.
Description	Allows the user to enter details about the support request.