Gas Measurement

Training Module

Information in this document explains how to access measured quantity data for locations.

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Important Information – Please Read

The information provided herein is for informational purposes only and does not modify any provision in Transco's FERC Gas Tariff. If a conflict exists between this information and Transco's FERC Gas Tariff, the provisions in Transco's FERC Gas Tariff apply. Transco makes no representation or warranty as to the completeness or accuracy of this information. Transco shall not be liable for any informational errors, incompleteness or delays, or for any actions taken in reliance on this information.

To review the tariff language specific to any topic, go to Transco's Informational Postings page, and select **Tariff** from the left hand navigation menu.

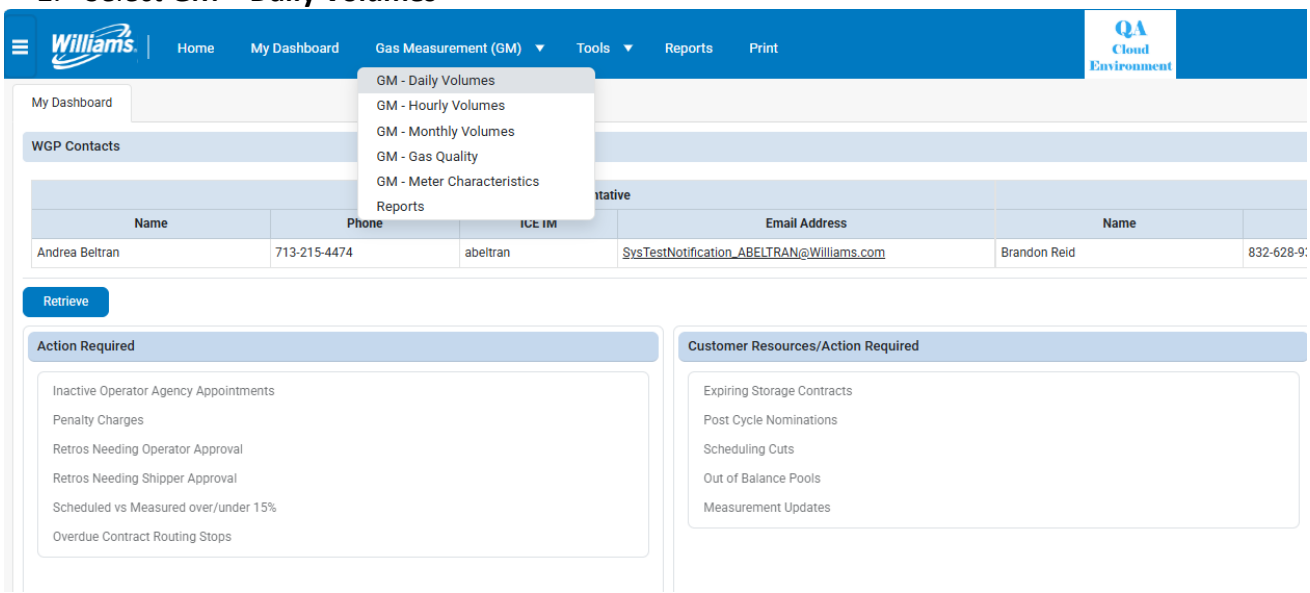
Introduction to Gas Measurement (GM)

Operators and their agents have the ability to view the best available measurement data associated with their locations via the 1Line System. In order to view that data, operators or their agents must have the **Measurement View** role. In 1Line, measurement quantities can be accessed two different ways. Measurement quantities may be viewed from **Gas Measurement (GM)** or from the 1Line Navigation Menu. When a meter is assigned to a Location in 1Line, the measurement data will be extracted from GM during the 11:00 AM and Evening batch jobs.

Gas Measurement (GM) provides customers with the most up-to-date information. Security measures will ensure that customers can only see the information that they are entitled to see.

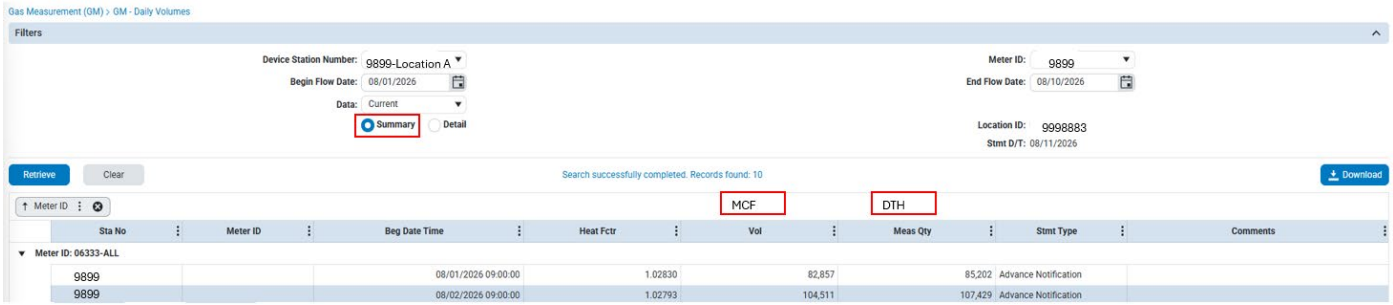
GM – Daily Volumes

1. Click on the **Gas Measurement (GM)** tab
2. Select **GM – Daily Volumes**



3. Choose **Device Station Number** (Meter Number)
4. For **Meter ID**, choose **All** or **Individual Meters**
5. Select **Beginning Flow Date** and **End Flow Date**
6. For **Data**, select **Current** or **As Closed**
   **** Current*** *Data will include ALL current and PPA measurement volumes*
   ****As Closed*** *will provide a pop window to contact measurement rep*
7. Select to View **Summary** or **Detail** version of the page
8. Finally, click on **Retrieve** to view data

The **Summary** Page will appear with daily and total volumes to this specific meter.



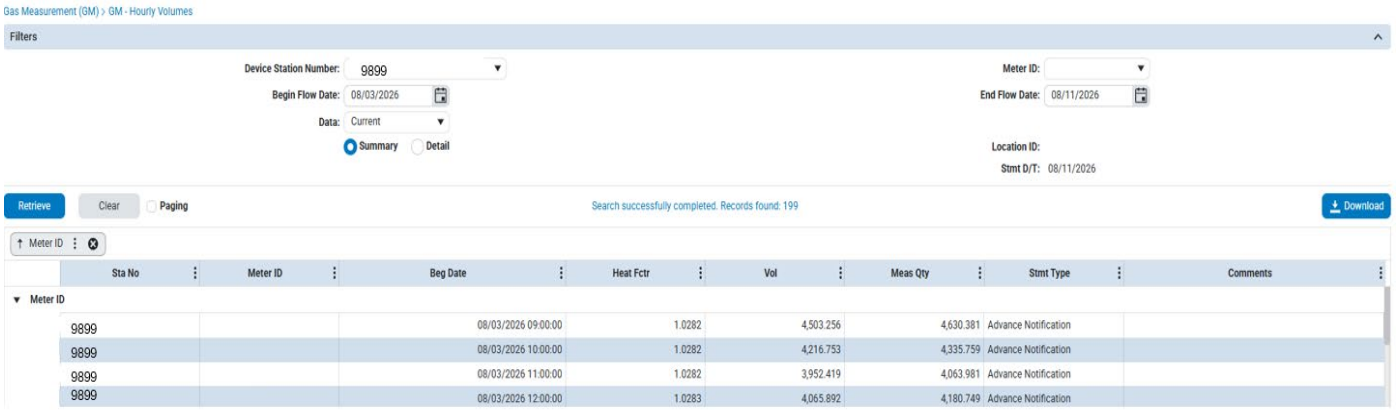
The **Detail** page will show the following additional items:

- Sta No
- Meter ID
- Beg Date Time
- Flow Per
- Temp
- Spec Grav
- Diff Pres
- Static Press
- Ext/Vol Uncorr
- Cmpnt/Val/Carbon Dioxide
- Cmpnt/Val/Nitrogen
- Heat Fctr
- Vol
- Meas Qty
- Comments
- Bus Per
- Adj Type
- End Date Time
- Stmt Type

GM - Hourly Volumes

1. Click on the **Gas Measurement (GM)** tab
2. Select **GM – Hourly Volumes**
3. Choose **Device Station Number** (Meter Number)
4. For **Meter ID**, choose either **All** or **Individual Meters**
5. Select **Beginning Flow Date** and **End Flow Date**
6. For **Data**, select **Current** or **As Closed**
   **** Current*** *Data prior will include ALL current and PPA measurement volumes.*
   ****As Closed*** *data will provide a pop window to contact measurement rep.*
7. Select **Summary** or **Detail** version of the page
8. Finally, click on **Retrieve** to view data

Summary page will appear with hourly and total volumes to this specific meter



The **Detail** page will show the following additional items, as well as the individual meters:

- Sta No
- Meter ID
- Beg Date Time
- Flow Per
- Temp
- Spec Grav
- Diff Pres
- Static Press
- Ext/Vol Uncorr
- Cmpnt/Val/Carbon Dioxide
- Cmpnt/Val/Nitrogen
- Heat Fctr
- Vol
- Meas Qty
- Comments
- Bus Per
- Adj Type
- End Date Time
- Stmt Type

GM - Monthly Volumes

1. Click on the **Gas Measurement (GM)** tab
2. Select **GM – Monthly Volumes**

3. Choose **Device Station Number** (Meter Number)
4. Select **Flow Month**
5. Click on **Retrieve** to view data

Monthly volumes page will appear with total volumes

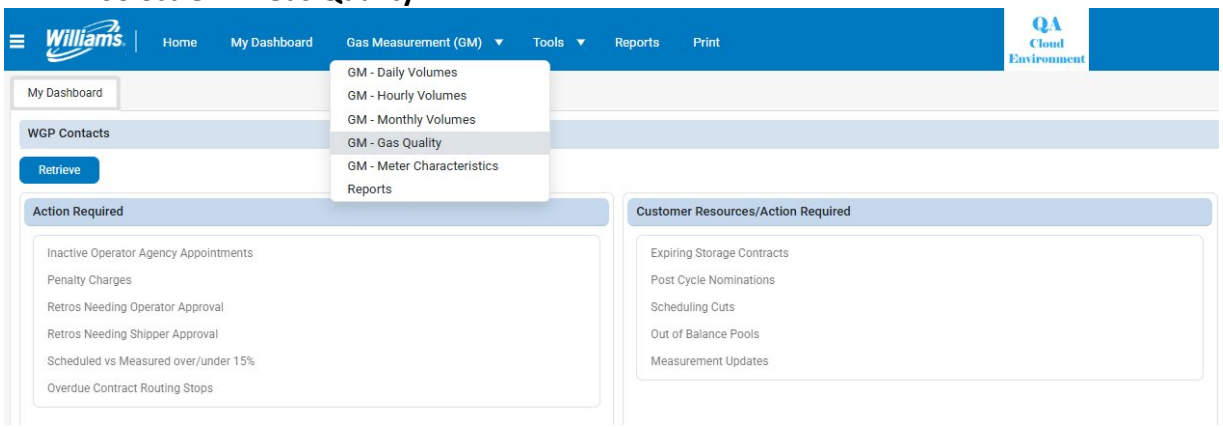
GM – 3rd Party Volumes

*Only available for Agencies or third parties related to the meter station.

1. Click on the **Gas Measurement (GM)** tab
2. Select **GM – 3RD Party Volumes**
3. Choose **Device Station Number** (Meter Number)
4. Select **Flow Month**
5. Click on **Retrieve** to view data

GM - Gas Quality

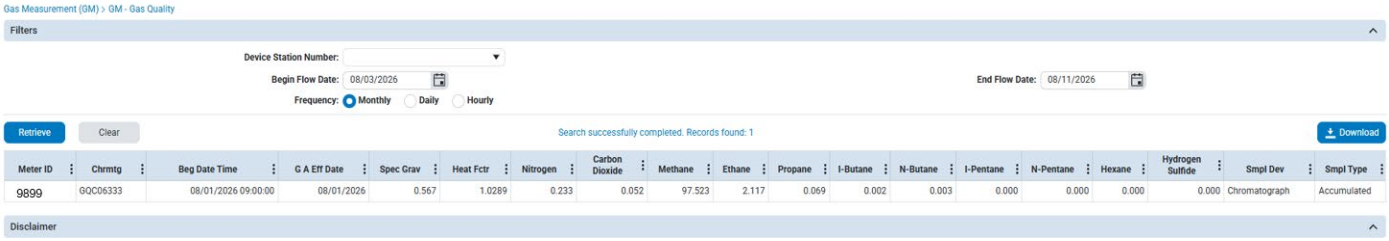
1. Click on the **Gas Measurement (GM)** tab
2. Select **GM – Gas Quality**



3. Choose **Device Station Number** (Meter Number)
4. Select **Begin Flow Date** and **End Flow Date**
5. Select on **Frequency**, choose from the following options: **Monthly, Daily, Hourly**
6. Click on **Retrieve**

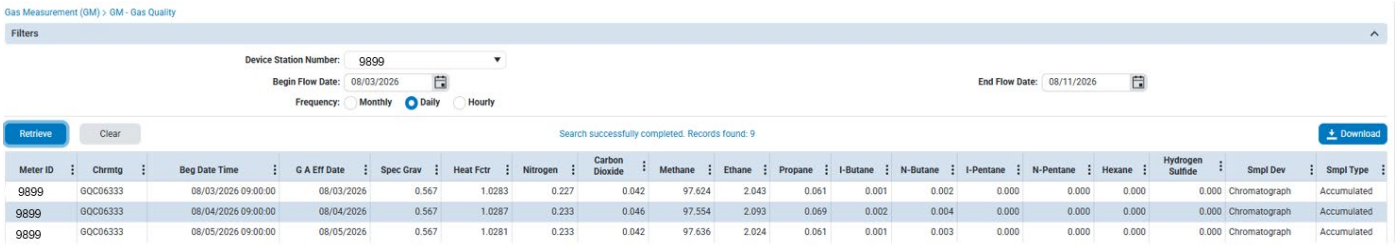
The **Monthly** Page will show the average daily calculation for the following:

- Spec Grav
- Heat Factor
- Nitrogen
- Carbon Dioxide
- Methane
- Ethane
- Propane
- I-Butane
- N-Butane
- I-Pentane
- N-Pentane
- Hexane
- Hydrogen Sulfide



The **Daily** Page will show the Daily calculations for the following:

- Spec Grav
- Heat Factor
- Nitrogen
- Carbon Dioxide
- Methane
- Ethane
- Propane
- I-Butane
- N-Butane
- I-Pentane
- N-Pentane
- Hexane
- Hydrogen Sulfide

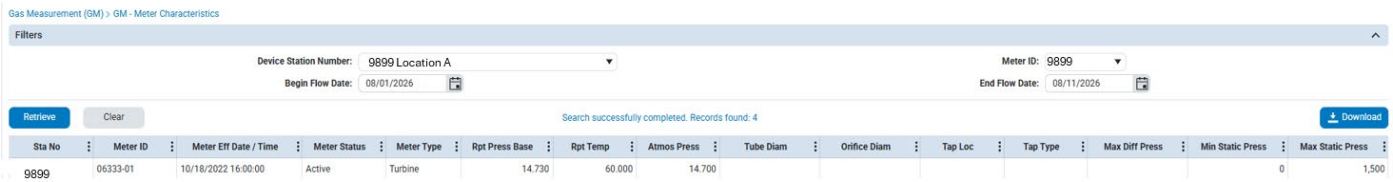


The **Hourly** Page will show hourly calculations for the following:

- Spec Grav
- Heat Factor
- Nitrogen
- Carbon Dioxide
- Methane
- Ethane
- Propane
- I-Butane
- N-Butane
- I-Pentane
- N-Pentane
- Hexane
- Hydrogen Sulfide
-

GM - Meter Characteristics

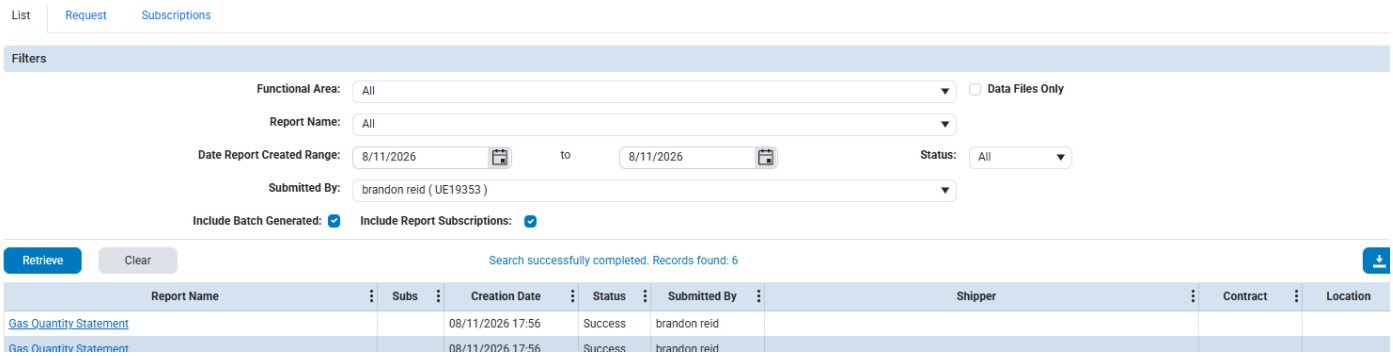
1. Click on the **Gas Measurement (GM)** tab
2. Select **GM – Meter Characteristics**
3. Choose **Device Station Number** (Meter Number)
4. Select **Begin Flow Date** and **End Flow Date**
5. Click on **Retrieve** and view data



GM - Reports

1. Click on the **Gas Measurement (GM)** tab Select **Reports**
2. Make sure to select the **Request** tab
3. Leave **Functional Area** as **Measurement**
4. Select from the following **Report Names**:
    - Gas Quality Audit Report
    - Gas Quantity Statement
    - Hourly Volume Audit Report
    - Laboratory Analysis of Gas Sample
    - Meter Characteristic Audit Report
5. For **Report Format**, choose from PDF, Word or Excel format
6. Select the appropriate **Meter Number** and **Contract Month**

7. Click **Submit Report**
8. Once the report is submitted, click on the **List** tab
9. Click **Retrieve**, the system will generate and run the Gas Quantity Report we submitted on the Request tab.



10. Click on the hyperlink Report Name and report will pop-up in a new window

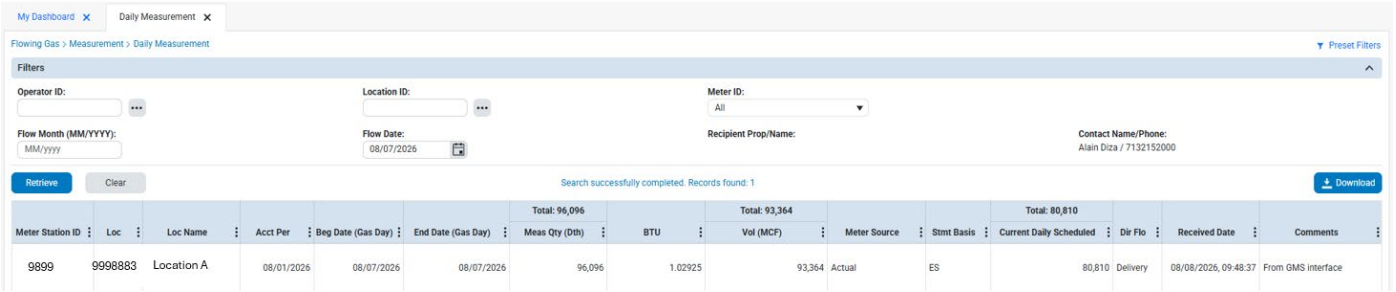
Using Navigation Menu

Another way to get the daily and hourly measurement volumes is from within the 1Line Navigation menu.

Daily Measurement

To get Daily Measurement from the 1Line Navigation menu:

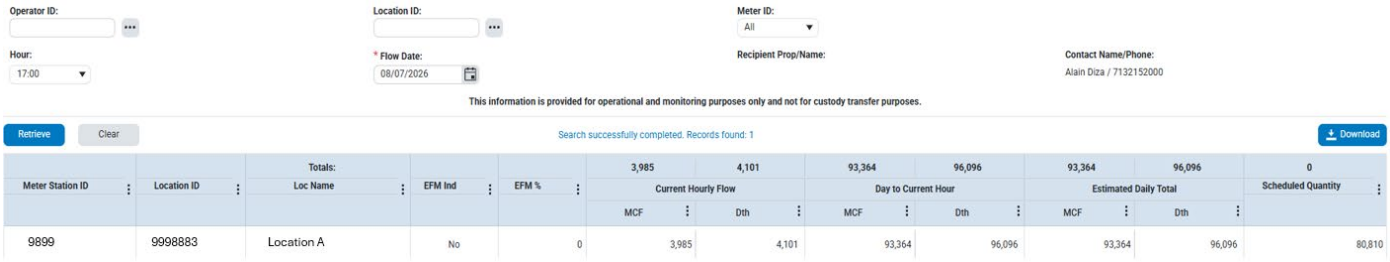
1. Select: **Flowing Gas> Measurement> Daily Measurement.**
   - To see **Daily** Measured volumes by Flow Date, one or more of the following fields must be populated: **Operator ID, Meter ID, Location ID**.
   - After filling in the desired filters, select **Retrieve** to return measurement and scheduled quantity data



Hourly Measurement

To get **Hourly** Measurement from the 1Line Navigation menu:

1. Select: **Flowing Gas> Measurement> Hourly Measurement.**
    - To see **Hourly** Measured volumes **by Flow Date**, one or more of the following fields must be populated: **Operator ID, Meter ID, Location ID.**
    - After filling in the desired filters, select **Retrieve** to return measurement and scheduled quantity data



Parent/Child Summary

This page is available to operators who manage aggregated meters (Meter(s) to Nominatable Location). The information displayed is a monthly page summarizing daily volumes of each child meter as an “add” or “deduct” quantity to parent location’s total quantity. It includes a Difference (Diff) column when the child meters have been updated but the aggregation batch has not yet been updated. The Process Measurement batch currently runs twice a day.

To get **Parent/Child** Summary from the 1Line Navigation menu:

1. Select: **Flowing Gas> Measurement> Parent/Child Summary.**
    - To see **Parent/Child** Summary **by Parent Location ID**, **Accounting Period** one or more of the following fields must be populated: **Flow Month** or **Flow Date**
    - After filling in the desired filters, select **Retrieve** to return measurement and scheduled quantity data

Please contact your Commercial Services Representative with any Measurement questions.