



# 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

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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.

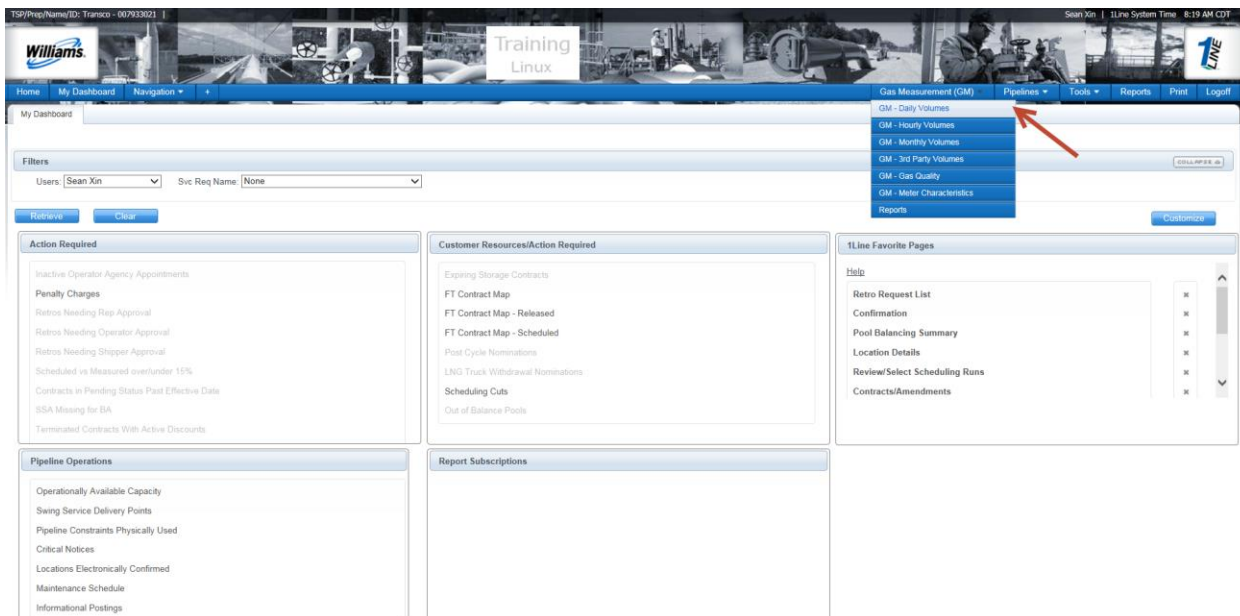
## Introduction to Gas Measurement (GM)

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.

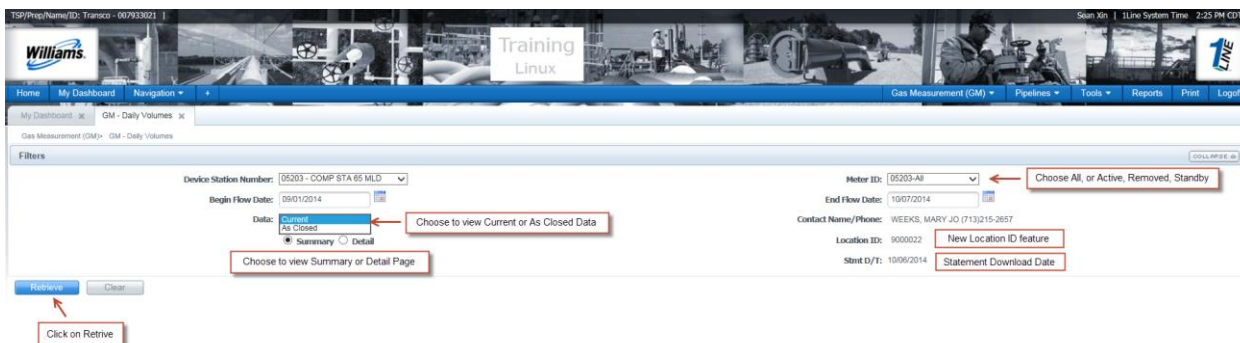
**Gas Measurement (GM)** provides customers with the most up-to-date information. Security measures will ensure that customers can only see the information that they are entitled to see.

# 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 screenshot shows the Williams Training Linux interface. The top navigation bar includes 'Home', 'My Dashboard', 'Navigation', 'Gas Measurement (GM)', 'Pipelines', 'Tools', 'Reports', 'Print', and 'Logout'. The main content area is titled 'Gas Measurement (GM) - GM - Daily Volumes'. It features a 'Filters' section with the following fields:

- Device Station Number: 05203 - COMP STA 65 MLD
- Begin Flow Date: 10/01/2014
- Date: Current (Choose to view Current or As Closed Data)
- Meter ID: 05203-ALL (Choose All, or Active, Removed, Standby)
- End Flow Date: 10/05/2014
- Original = Closed not PPA
- Advance Notification = Open month
- Replacement = Closed PPA
- Contact Name/Phone: WEEKS, MARY JO (713)215-2657
- Location ID: 9000022 (New Location ID feature)
- Stmt D/T: 10/06/2014 (Statement Download Date)

Below the filters, there are buttons for 'Retrieve', 'Clear', and 'Download'. A search status message reads 'Search successfully completed, Records found: 4'. The table below has the following data:

Sta No	Meter ID	Beg Date Time	Heat Fctr	Vol	Meas Qty	Stmt Type	Comments
05203	05203-ALL	10/01/2014 09:00:00	1.0296	403892	415445	Advance Notification	
05203	05203-ALL	10/02/2014 09:00:00	1.0312	339998	350607	Advance Notification	Incomplete due to the timing of measurement runs
05203	05203-ALL	10/03/2014 09:00:00	1.0278	258602	265604	Advance Notification	
05203	05203-ALL	10/04/2014 09:00:00	1.0295	120408	123956	Advance Notification	Incomplete
<b>Station Totals</b>				1122900	1155612		

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 screenshot shows the Williams Training Linux interface for Gas Measurement (GM) - Hourly Volumes. The interface includes a navigation bar, a filter section, and a data table. The filter section includes fields for Device Station Number (05203 - COMP STA 65 MLD), Begin Flow Date (10/01/2014), and End Flow Date (10/05/2014). The data table has 8 columns: Sta No, Meter ID, Beg Date, Heat Fctr, Vol, Meas Qty, Stmt Type, and Comments. The table contains 18 rows of data, all with 'Advance Notification' as the Stmt Type. Red boxes highlight various UI elements and table columns.

Sta No	Meter ID	Beg Date	Heat Fctr	Vol	Meas Qty	Stmt Type	Comments
05203	05203-ALL	10/01/2014 09:00:00	1.0354	17775.344	18439.543	Advance Notification	
05203	05203-ALL	10/01/2014 10:00:00	1.0351	18596.387	19260.479	Advance Notification	
05203	05203-ALL	10/01/2014 11:00:00	1.0331	20382.829	21115.877	Advance Notification	
05203	05203-ALL	10/01/2014 12:00:00	1.0291	20226.871	20931.309	Advance Notification	
05203	05203-ALL	10/01/2014 13:00:00	1.0244	19694.850	20313.953	Advance Notification	
05203	05203-ALL	10/01/2014 14:00:00	1.0252	17525.523	17967.801	Advance Notification	
05203	05203-ALL	10/01/2014 15:00:00	1.0239	16798.375	17195.039	Advance Notification	
05203	05203-ALL	10/01/2014 16:00:00	1.0261	15651.641	16102.404	Advance Notification	
05203	05203-ALL	10/01/2014 17:00:00	1.0279	15845.372	16261.894	Advance Notification	
05203	05203-ALL	10/01/2014 18:00:00	1.0290	15906.783	16339.491	Advance Notification	
05203	05203-ALL	10/01/2014 19:00:00	1.0268	15881.464	16347.863	Advance Notification	
05203	05203-ALL	10/01/2014 20:00:00	1.0248	16085.365	16510.451	Advance Notification	

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



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
05203	05203-01	10/01/2014 09:00:00	1.000	78.200	0.584		699.000	354.53821	0.784	0.268	1.0354	17782.996	18439.543	Current			10/01/2014 10:00:00	Original
05203	05203-01	10/01/2014 10:00:00	1.000	78.100	0.584		694.900	373.34021	0.794	0.267	1.0351	18599.502	19260.479	Current			10/01/2014 11:00:00	Original
05203	05203-01	10/01/2014 11:00:00	1.000	78.100	0.582		681.000	418.56784	0.793	0.269	1.0331	20394.059	21115.877	Current			10/01/2014 12:00:00	Original
05203	05203-01	10/01/2014 12:00:00	1.000	77.900	0.579		661.100	429.04807	0.750	0.276	1.0291	20252.098	20931.309	Current			10/01/2014 13:00:00	Original
05203	05203-01	10/01/2014 13:00:00	1.000	78.100	0.576		641.600	432.32224	0.708	0.290	1.0244	19724.893	20313.953	Current			10/01/2014 14:00:00	Original
05203	05203-01	10/01/2014 14:00:00	1.000	78.000	0.576		648.000	382.37843	0.711	0.279	1.0252	17825.922	17967.801	Current			10/01/2014 15:00:00	Original
05203	05203-01	10/01/2014 15:00:00	1.000	78.900	0.577		649.700	363.91882	0.642	0.293	1.0289	16774.922	17195.039	Current			10/01/2014 16:00:00	Original
05203	05203-01	10/01/2014 16:00:00	1.000	78.300	0.576		640.700	344.24261	0.633	0.300	1.0261	15660.440	16102.404	Current			10/01/2014 17:00:00	Original
05203	05203-01	10/01/2014 17:00:00	1.000	78.100	0.577		636.400	350.75021	0.643	0.298	1.0279	15840.549	16261.894	Current			10/01/2014 18:00:00	Original
05203	05203-01	10/01/2014 18:00:00	1.000	77.700	0.578		634.200	352.91238	0.641	0.300	1.0290	15901.040	16339.491	Current			10/01/2014 19:00:00	Original
05203	05203-01	10/01/2014 19:00:00	1.000	77.600	0.576		633.100	353.10321	0.629	0.305	1.0268	15889.243	16347.863	Current			10/01/2014 20:00:00	Original
05203	05203-01	10/01/2014 20:00:00	1.000	77.600	0.575		633.300	357.22839	0.629	0.301	1.0248	16073.806	16510.451	Current			10/01/2014 21:00:00	Original

## GM - Monthly Volumes

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

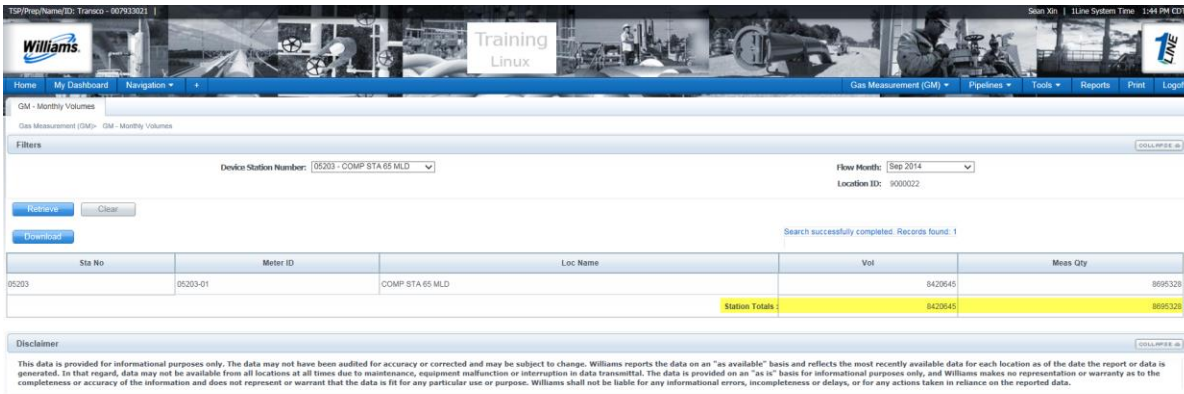
Cycle Indicators	ID1	TIMELY	ID2	EVENING	POST
Gas Day	9/25	9/26	9/25	9/26	9/24
Notification Cycle	CLOSED	CLOSED	OPEN	OPEN	CLOSED
Confirmation Cycle	CLOSED	OPEN	CLOSED	CLOSED	CLOSED

**Monthly Status**

Allocations Data is available through 09/24/2014  
 Allocations for July are Final  
 Imbalance data is available through 09/24/2014  
 Imbalance data for July is Final  
 Prior Gas Day Changes for SEP-2014 available through 10/02/2014  
 Prior Gas Day Changes for JAN-2014 - JUL-2014 not allowed at this time  
 Preliminary August and September Demand Invoices are now available  
 Preliminary August and September Commodity Invoices are now available  
 Monthly Demand Invoices for July are Final  
 Monthly Commodity Invoices for July are Final  
 August trading is Open until 11:59 PM on Wednesday 09/24  
 September trading Opens on Wednesday 10/01

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

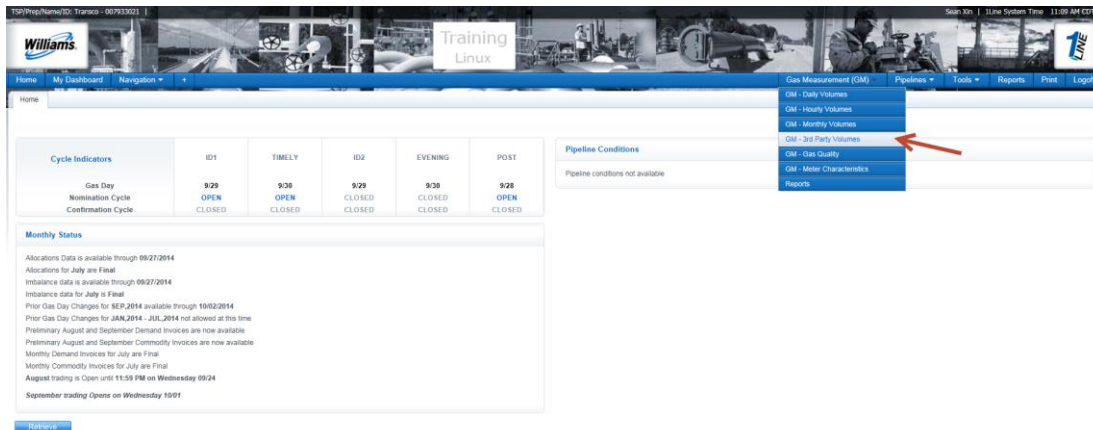
Monthly volumes page will appear with total volumes



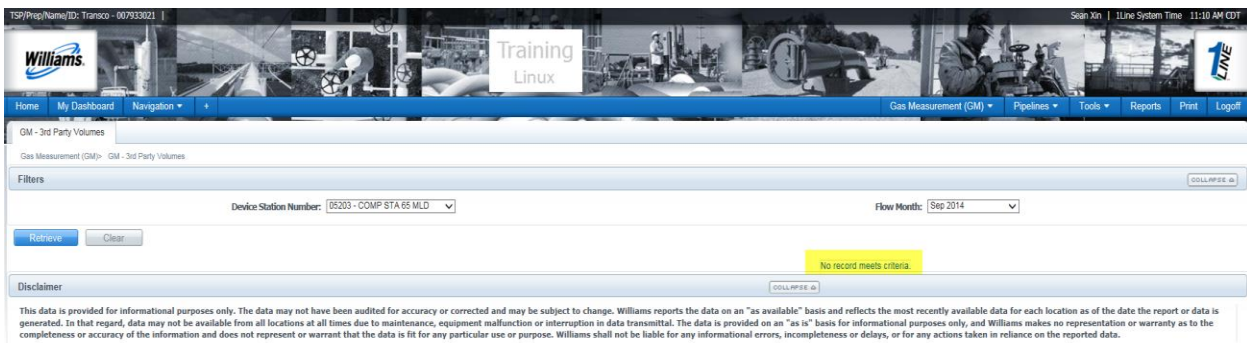
## GM – 3rd Party Volumes

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

1. Click on the **Gas Measurement (GM)** tab
2. Select **GM – 3<sup>RD</sup> Party Volumes**

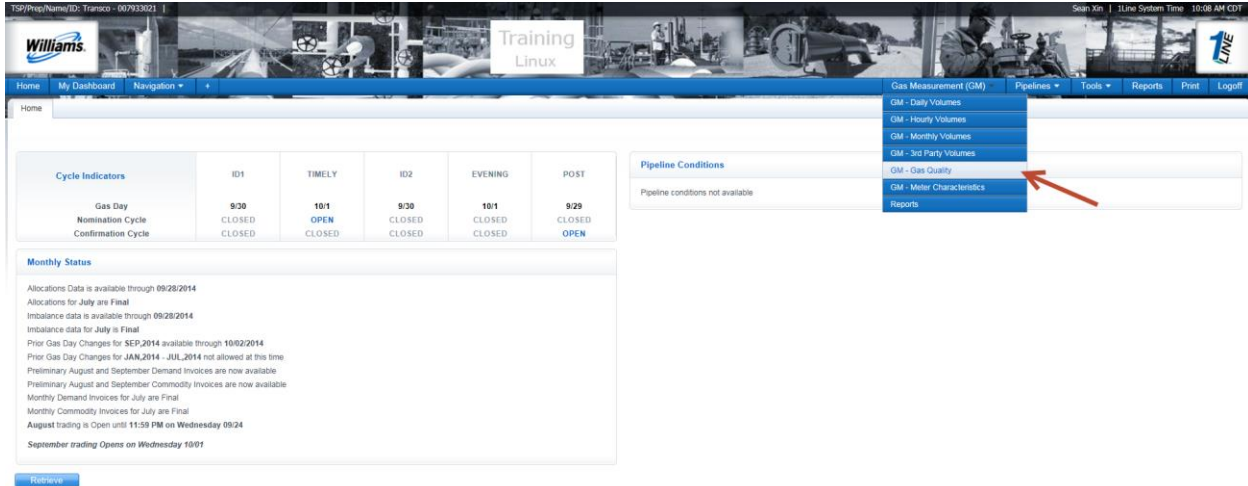


3. Choose **Device Station Number (Meter Number)**
4. Select **Flow Month**
5. Click on **Retrieve** to view data



# 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

Filters

Device Station Number: 05203 - COMP STA 65 MLD

Begin Flow Date: 09/01/2014

End Flow Date: 09/07/2014

Frequency:  Monthly  Daily  Hourly

Retrieval: [Clear]

Download

Search successfully completed. Records found: 1

Meter ID	Chrmtg	Begin Date Time	G A Eff Date	Spec Grav	Heat Factor	Nitrogen	Carbon Dioxide	Methane	Ethane	Propane	I-Butane	N-Butane	I-Pentane	N-Pentane	Hexane	Hydrogen Sulfide	Smp1 Dev	Smp1 Type
05203	GQC05203	09/01/2014 09:00:00	09/01/2014	0.580	1.0327	0.274	0.666	95.732	3.146	0.107	0.016	0.019	0.011	0.007	0.019	0.000	Chromatograph	Accumulated

Disclaimer

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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

Filters

Device Station Number: 05203 - COMP STA 65 MLD

Begin Flow Date: 09/01/2014

End Flow Date: 09/07/2014

Frequency:  Monthly  Daily  Hourly

Retrieval: [Clear]

Download

Search successfully completed. Records found: 7

Meter ID	Chrmtg	Begin Date Time	G A Eff Date	Spec Grav	Heat Factor	Nitrogen	Carbon Dioxide	Methane	Ethane	Propane	I-Butane	N-Butane	I-Pentane	N-Pentane	Hexane	Hydrogen Sulfide	Smp1 Dev	Smp1 Type
05203	GQC05203	09/01/2014 09:00:00	09/01/2014	0.583	1.0340	0.255	0.795	95.396	3.318	0.147	0.024	0.023	0.010	0.006	0.025	0.000	Chromatograph	Accumulated
05203	GQC05203	09/02/2014 09:00:00	09/02/2014	0.580	1.0315	0.271	0.712	95.795	3.034	0.118	0.019	0.020	0.009	0.005	0.017	0.000	Chromatograph	Accumulated
05203	GQC05203	09/03/2014 09:00:00	09/03/2014	0.582	1.0348	0.282	0.695	95.529	3.225	0.155	0.026	0.033	0.016	0.010	0.025	0.000	Chromatograph	Accumulated
05203	GQC05203	09/04/2014 09:00:00	09/04/2014	0.580	1.0335	0.291	0.600	95.875	2.989	0.131	0.027	0.033	0.016	0.011	0.026	0.000	Chromatograph	Accumulated
05203	GQC05203	09/05/2014 09:00:00	09/05/2014	0.578	1.0316	0.297	0.573	96.039	2.926	0.080	0.015	0.019	0.013	0.009	0.023	0.000	Chromatograph	Accumulated
05203	GQC05203	09/06/2014 09:00:00	09/06/2014	0.581	1.0317	0.281	0.742	95.720	3.065	0.118	0.023	0.021	0.012	0.008	0.020	0.000	Chromatograph	Accumulated
05203	GQC05203	09/07/2014 09:00:00	09/07/2014	0.579	1.0313	0.282	0.669	95.868	3.025	0.086	0.017	0.018	0.011	0.008	0.017	0.000	Chromatograph	Accumulated

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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

Meter ID	Chromat	Beg Date Time	G A Eff Date	Spec Grav	Heat Factor	Nitrogen	Carbon Dioxide	Methane	Ethane	Propane	I-Butane	N-Butane	I-Pentane	N-Pentane	Hexane	Hydrogen Sulfide	Smpl Dev	Smpl Type
05203	GQC05203	09/01/2014 17:00:00	09/01/2014	0.584	1.0352	0.253	0.845	95.167	3.469	0.167	0.026	0.027	0.011	0.007	0.025	0.000	Chromatograph	Accumulated
05203	GQC05203	09/01/2014 18:00:00	09/01/2014	0.584	1.0346	0.252	0.845	95.231	3.421	0.157	0.026	0.025	0.010	0.006	0.026	0.000	Chromatograph	Accumulated
05203	GQC05203	09/01/2014 19:00:00	09/01/2014	0.584	1.0339	0.251	0.854	95.284	3.374	0.150	0.025	0.023	0.010	0.006	0.025	0.000	Chromatograph	Accumulated
05203	GQC05203	09/01/2014 20:00:00	09/01/2014	0.584	1.0340	0.250	0.863	95.249	3.400	0.151	0.025	0.023	0.010	0.006	0.024	0.000	Chromatograph	Accumulated
05203	GQC05203	09/01/2014 21:00:00	09/01/2014	0.584	1.0349	0.248	0.856	95.187	3.485	0.155	0.025	0.023	0.010	0.006	0.025	0.000	Chromatograph	Accumulated
05203	GQC05203	09/01/2014 22:00:00	09/01/2014	0.584	1.0353	0.247	0.855	95.110	3.549	0.154	0.025	0.023	0.009	0.006	0.024	0.000	Chromatograph	Accumulated
05203	GQC05203	09/01/2014 23:00:00	09/01/2014	0.584	1.0347	0.246	0.830	95.219	3.477	0.146	0.022	0.021	0.009	0.005	0.024	0.000	Chromatograph	Accumulated
05203	GQC05203	09/02/2014 00:00:00	09/02/2014	0.583	1.0336	0.246	0.802	95.406	3.335	0.135	0.020	0.019	0.008	0.005	0.023	0.000	Chromatograph	Accumulated
05203	GQC05203	09/02/2014 01:00:00	09/02/2014	0.582	1.0329	0.249	0.791	95.504	3.249	0.133	0.020	0.019	0.008	0.005	0.022	0.000	Chromatograph	Accumulated
05203	GQC05203	09/02/2014 02:00:00	09/02/2014	0.582	1.0329	0.251	0.788	95.523	3.235	0.132	0.019	0.018	0.008	0.005	0.023	0.000	Chromatograph	Accumulated
05203	GQC05203	09/02/2014 03:00:00	09/02/2014	0.583	1.0345	0.250	0.780	95.415	3.287	0.167	0.029	0.029	0.012	0.007	0.023	0.000	Chromatograph	Accumulated
05203	GQC05203	09/02/2014 04:00:00	09/02/2014	0.583	1.0354	0.249	0.768	95.349	3.365	0.166	0.027	0.029	0.013	0.008	0.026	0.000	Chromatograph	Accumulated
05203	GQC05203	09/02/2014 05:00:00	09/02/2014	0.583	1.0360	0.246	0.751	95.244	3.527	0.147	0.021	0.022	0.009	0.006	0.026	0.000	Chromatograph	Accumulated

## GM - Meter Characteristics

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

The screenshot shows the Williams Training Linux dashboard. The top navigation bar includes 'Home', 'My Dashboard', 'Navigation', 'Gas Measurement (GM)', 'Pipelines', 'Tools', 'Reports', 'Print', and 'Logout'. The 'Gas Measurement (GM)' dropdown menu is open, showing options: 'GM - Daily Volumes', 'GM - Hourly Volumes', 'GM - Monthly Volumes', 'GM - 3rd Party Volumes', 'GM - Gas Quality', 'GM - Meter Characteristics' (highlighted with a red arrow), and 'Reports'. Below the navigation bar, there are sections for 'Cycle Indicators', 'Pipeline Conditions', and 'Monthly Status'.

3. Choose **Device Station Number** (Meter Number)
4. Select **Begin Flow Date** and **End Flow Date**
5. Click on **Retrieve** and view data

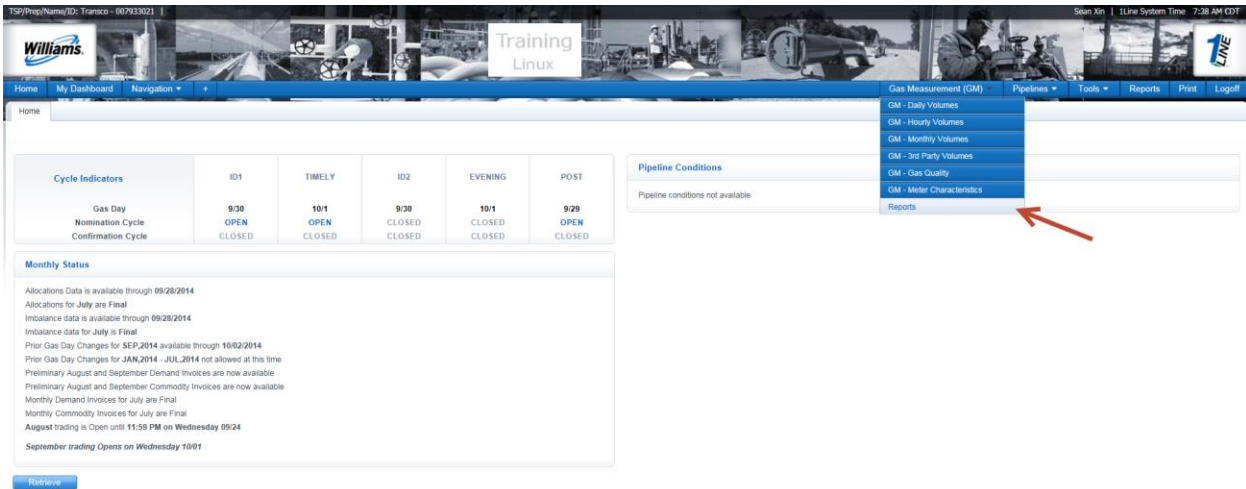
The screenshot shows the 'GM - Meter Characteristics' report page. The search filters are: Device Station Number: 05203 - COMP STA 95 MLD, Meter ID: 05203-All, Begin Flow Date: 09/01/2014, and End Flow Date: 09/07/2014. The 'Retrieve' button is highlighted. Below the filters, a message states 'Search successfully completed. Records found: 2'. A table displays the search results:

Sta No	Meter ID	Meter Eff Date / Time	Meter Status	Meter Type	Rpt Press Base	Rpt Temp	Atmos Press	Tube Diam	Orifice Diam	Tap Loc	Tap Type	Max Diff Press	Min Static Press	Max Static Press
05203	05203-01	09/01/2010 09:00:00	Active	Ultrasonic	14.730	60.000	14.700						0	1000
05203	05203-01	09/01/2014 09:00:00	Active	Ultrasonic	14.730	60.000	14.700						0	998

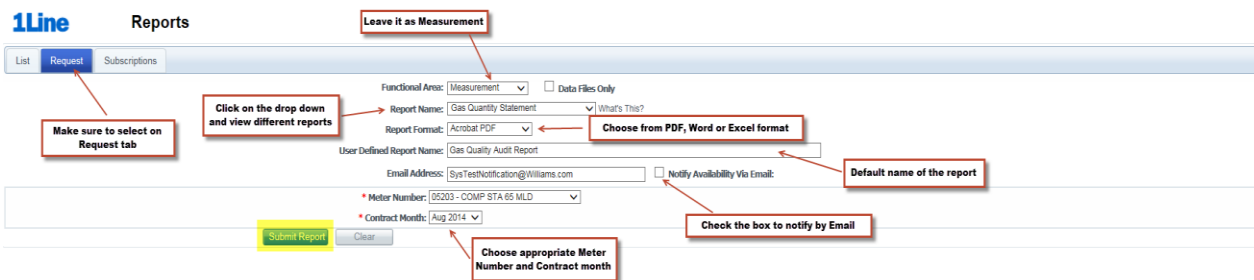
Below the table is a 'Disclaimer' section with the following text: 'This data is provided for informational purposes only. The data may not have been audited for accuracy or corrected and may be subject to change. Williams reports the data on an "as available" basis and reflects the most recently available data for each location as of the date the report or data is generated. In that regard, data may not be available from all locations at all times due to maintenance, equipment malfunction or interruption in data transmittal. The data is provided on an "as is" basis for informational purposes only, and Williams makes no representation or warranty as to the completeness or accuracy of the information and does not represent or warrant that the data is fit for any particular use or purpose. Williams shall not be liable for any informational errors, incompleteness or delays, or for any actions taken in reliance on the reported data.'

## GM - Reports

1. Click on the **Gas Measurement (GM)** tab



2. Select **Reports**
3. Make sure to select the **Request** tab
4. Leave **Functional Area** as **Measurement**
5. 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
6. For **Report Format**, choose from PDF, Word or Excel format
7. Select the appropriate **Meter Number** and **Contract Month**
8. Click **Submit Report**



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

**1Line Reports**

List Request Subscriptions

Filters

Functional Area: All  Data Files Only

Report Name: All

Date Report Created Range: 09/29/2014 To 09/30/2014 Status: All

Submitted By: Sean Xin (SKIN)

Include Batch Generated:  Include Report Subscriptions:

Business Associate (Prop): Cycle:

Retrieve Clear

Download

Once you Retrieve, let the system process. Once the report is ready to view, you will see a hyperlink on the report name, and status to Success

Report Name	Subs	Creation Date	Status	Submitted By	Shipper	Contract	Location	Scheduling Cycle
<a href="#">Gas Quantity Statement</a>		09/30/2014 10:52	Success	Sean Xin				

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

http://hout1.inap01:9080/1Line/html/show\_report\_iframe.htm?downloadedFileName=I3020\_201409301044 - Windows Internet Explorer

1Line QA Page 1Line BI Gallery Home - Transco BI POC

**Williams Gas Pipeline - Transco**

Gas Quantity Statement  
Aug, 2014  
Volumes are Final

Device Station Number: 05203  
Device Station Name : COMPRESSOR STATION 65 MAINLINE D CHECK  
Meter ID : 05203-01

Contact Person  
Contact Name : WEEKS, MARY JO (713)215-2657  
Contact Phone : (713)215-2657

Pressure Base: 14.730 psia Temperature Base: 60.00°F HV Cond: Dry Meter Type: Ultrasonic Contract Hr.: 9 AM  
Meter Status: Active WV Technique:

CO2 N2 H2O H2S O2 HE C1 C2 C3 I-C4 N-C4 I-C5 N-C5 C6+  
0.000

Meter Size Interval Press. Comp. Temp. Comp. Atmos. Pressure Calc. Method Fpv Method Full Wellstream  
42.0000 in. 1 Hour AGA7 AGA8-Detail

Day	Pulses (Counts)	Pressure (psia)	Temperature (°F)	Raw Volume (Mcf)	Relative Density	K-Factor (pulses/Mcf)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)
1	39,242,216	710.48	77.64	7,848,443	0.587	5.0000	401,254	1033.4	414,672
2	37,580,692	723.93	78.28	7,516,138	0.586	5.0000	391,522	1032.4	404,225
3	36,747,561	727.72	78.37	7,349,512	0.588	5.0000	385,419	1036.6	399,530
4	41,695,021	731.44	78.09	8,339,004	0.588	5.0000	440,098	1038.5	457,031
5	46,292,061	745.85	78.53	12,635,668	0.592	5.0000	499,473	1043.3	521,115
6	35,898,332	748.69	87.57	30,668,968	0.591	5.0000	379,800	1042.3	395,870

## 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

Meter Station ID	Loc	Loc Name	Acct Per	Beg Date (Gas Day)	End Date (Gas Day)	Meas Qty (Dth)	BTU	Vol (MCF)	Meter Source	Stmt Basis	Current Daily Scheduled	Dir Flo	Received Date	Comments
1734	9002480 M1734	GALVESTON 210 M1734	01/01/2023	01/01/2023	01/01/2023	0	0.0	0	Actual	ES	0	Receipt	01/02/2023 10:28:00	From GMS interface
1734	9002480 M1734	GALVESTON 210 M1734	01/01/2023	01/02/2023	01/02/2023	0	1.134	0	Actual	ES	0	Receipt	01/03/2023 10:27:39	From GMS interface
1734	9002480 M1734	GALVESTON 210 M1734	01/01/2023	01/03/2023	01/03/2023	0	1.134	0	Actual	ES	0	Receipt	01/04/2023 10:47:30	From GMS interface
1734	9002480 M1734	GALVESTON 210 M1734	01/01/2023	01/04/2023	01/04/2023	0	1.134	0	Actual	ES	0	Receipt	01/05/2023 11:10:36	PM rolled over Measured Qty

# 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

Williams 1LINE

Home My Dashboard Navigation + Gas Measurement (GM) Pipelines Tools Reports Print Logoff

Hourly Measurement

Flowing Gas > Measurement > Hourly Measurement

Filters COLLAPSE

Operator ID:  ... Meter ID:

Location ID:  ... Effective Date:  ...

Hour:  ...

This information is provided for operational and monitoring purposes only and not for custody transfer purposes.

## 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

Operator:	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	990001 XYZ LDC CORP	
Mtr/Loc:	9000001	1111 / 1000001	2222 / 1000002	3333 / 1000003	4444 / 1000004	5555 / 1000005	6666 / 1000006	7777 / 1000007	8888 / 1000008	9999 / 1000009	0001 / 900000	0002 / 9000001	
Location Name	XYZ LDC	M1111 CEN	M2222 LAK	M3333 LAK	M4444 LAG	M5555 NEW	M6666 NEW	M7777 BOW	M8888 GRA	M9999 DEP	M0001 COR	M0002 MA	
Relation:	Parent	Child	Child	Child	Child	Child	Child	Child	Child	Child	Child	Child	
Action:		Add	Deduct	Add	Deduct	Deduct	Add	Deduct	Deduct	Deduct	Deduct	Add	
Totals:	13,477,809	8,818,982	(235,657)	62,590	(357)	(537,639)	492,461	(1,819)	(8,177)	(44)	(72,849)	4,960,318	
Gas Day	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Qty (Dth)	Diff (Dth)
09/01/2013	458,665	278,806	(5,119)	523	(37)	(73)	45,139	(32)	(28)	(1)	(2,521)	142,008	0
09/02/2013	488,210	302,089	(3,834)	5,955	(53)	(0)	39,514	(36)	(10)	(0)	(2,642)	147,227	0
09/03/2013	511,502	350,922	(6,739)	1,692	(41)	(2,438)	32,486	(36)	(314)	(0)	(2,690)	138,660	0
09/04/2013	486,362	357,452	(13,194)	14	(4)	(570)	33,810	(35)	(628)	(0)	(2,607)	112,124	0
09/05/2013	443,983	305,788	(14,522)	29	(3)	(0)	33,772	(37)	(432)	(1)	(2,569)	121,958	0
09/06/2013	410,745	217,856	(16,445)	0	(0)	(0)	35,059	(35)	(159)	(0)	(2,415)	176,884	0
09/07/2013	372,409	184,268	(5,940)	0	(2)	(55)	25,511	(38)	(28)	(1)	(3,024)	171,718	0
09/08/2013	450,455	250,901	(6,312)	0	(48)	(0)	31,642	(44)	(270)	(0)	(1,142)	175,728	0
09/09/2013	460,554	251,949	(4,448)	2,609	(0)	(0)	44,052	(40)	(430)	(0)	(2,467)	169,329	0
09/10/2013	623,436	413,701	(12,249)	3,244	(0)	(8,150)	14,645	(38)	(468)	(1)	(2,346)	215,098	0
09/11/2013	738,319	482,314	(8,888)	5,829	(12)	(1,375)	22,861	(42)	(490)	(0)	(2,446)	240,568	0
09/12/2013	683,711	419,982	(5,023)	4,923	(84)	(513)	35,848	(40)	(305)	(1)	(2,099)	231,023	0

Please contact your Commercial Services Representative with any Measurement questions.