

OVERVIEW

Unionline Direct Connect is the first automated utility web service of its kind in Ontario. Through this free service you can automatically pull your daily distribution measurement consumption data straight to your computer application on an unattended basis.

Unionline Direct Connect offers the following benefits:

- Connect directly to Unionline’s database anytime to retrieve daily consumption data to your computer application on an unattended basis. Your IT department will need to configure your application to automatically retrieve your daily consumption data – it’s that easy!
- Retrieve up to 65 days of historical consumption automatically. Of course, you can still find and locally store additional historical data through Unionline’s Distribution Measurement download feature.
- Flexibility to select the data you really need - whether by company, contract, location or meter.
- Consolidate all of your customers’ consumption data all at once - it takes the hassle out of waiting to manually pull data for each of your customers.
- Schedule retrieval time to align with the availability of the previous gas day’s measurement. Note: The previous gas day’s measurement is available at approximately 1:30pm EST.

GETTING ACCESS

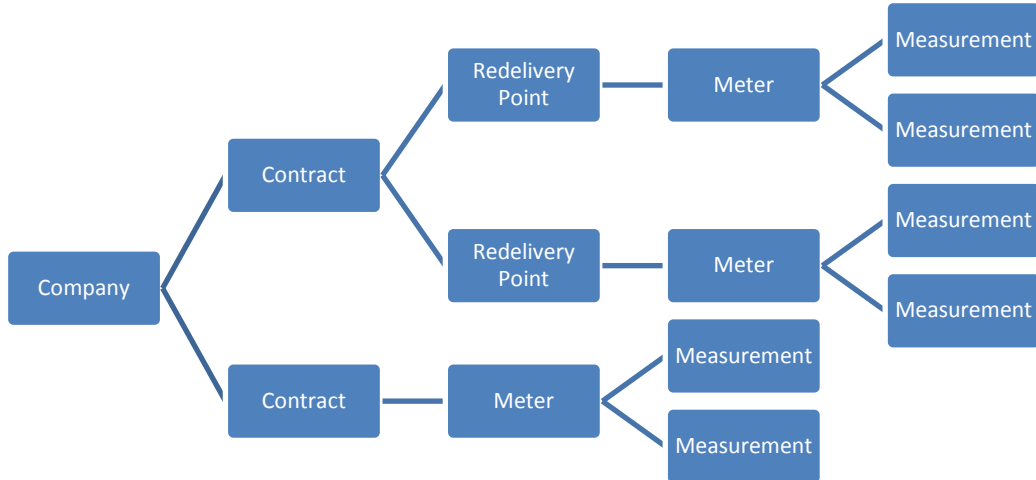
Complete and submit a [Unionline Access Request Form](#).

The form must be approved by an individual with authority to bind the company (Authorized Signatory). An authorization email will be sent to the Authorized Signatory for approval purposes.

A service account user ID and temporary password will be issued to the Authorized Signatory by Union Gas upon validation of the Unionline Direct Connect Service Agreement.

Note regarding access for Agent Companies: The agent company must have the distribution measurement role in Unionline for the end use customer prior to authorizing a Unionline Direct Connect Service Agreement on their behalf. Unionline Direct Connect paperwork is not required from the end use customer when an authorized agent submits a Direct Connect Service Agreement on their behalf.

AVAILABLE MEASUREMENT DATA



Company	
ID	Company identifier
Name	Legal company name
Contract	
ID	Contract identifier – format is SA#####
Name	Recognized contract name
Redelivery Point (only applicable for certain contract classes, such as T-1)	
Name	Description of the location of the redelivery point
Meter	
Name	Location of the meter
Meter Number	Union Gas assigned meter number
Premises	Premises identifier
Site Number	Site # at the location
Removed Indicator	Indicates whether the meter still exists at the location
Last Read Date	Date the meter was most recently read
Measurement	
Gas Day	Gas day (10:00 am-10:00 am EST)
Corrected Volume	Corrected consumption in cubic meters
Corrected Energy	Corrected consumption in gigajoules
Measured Heat Value	Volume to energy conversion factor in GJ per10*3 m3
Peak Hour	Hour of the day during which the peak consumption occurred
Peak Hour Volume	Corrected volume during the peak hour
Uncorrected CCF (*)	Uncorrected consumption in hundred cubic feet
Uncorrected m3 (*)	Uncorrected consumption in cubic meters
Pressure (*)	Average pressure in kilopascals
Temperature (*)	Average temperature in degrees Celsius
SuperX Factor (*)	Average supercompressability factor

(*) – only available on certain meter configurations

RETRIEVAL METHODS

Data retrieval through Unionline Direct Connect is via web method call. The GetMeasurements web method retrieves detailed daily measurement data and returns it in XML format.

The GetMeasurements web method accepts the following parameters:

Parameter Name	Description
userName	Unionline Direct Connect service account user ID.
password	The password that corresponds to the given service account.
fromDate	Specifies the starting date of the requested measurements.
toDate	Specifies the ending date of the requested measurements.
contractIdList	A list of contracts to be retrieved (e.g. SA99999). This list can be empty.
companyIdList	A list of companies to be retrieved (Party ID). All of the accessible distribution contracts are included in the request. Note that this parameter is ignored if the contractIdList is populated.

RESOURCES

Unionline Access Request Form:

<http://www.uniongas.com/unionlineaccessrequest>

Technical Resources:

Unionline Direct Connect Technical Usage Guide:

http://www.uniongas.com/unionline_content/training/DistMeas_WebService/UnionlineDirectConnectUserGuide.pdf

Unionline Direct Connect Sample SOAP Requests and Responses:

<https://unionline.uniongas.com/Esurf.Webservice/External/DistributionMeasurement.asmx>

Unionline Direct Connect Service Description:

<https://unionline.uniongas.com/Esurf.Webservice/External/DistributionMeasurement.asmx?WSDL>