

Meter Data Reports - Profiles and Details

July 24, 2015

Introduction

This Quick Take briefly describes meter data report profiles and options that must be configured in order for an organization to receive meter data in a format that suits their needs. This document also highlights important meter reporting features such as report frequency, content and naming conventions of folders and reports.

About Meter Data Report Profiles

A Revenue Metering Data Contact must set up the Meter Data Report Profile(s) in Online-IESO to define what revenue meter data will be published for your organization. These profiles allow users to customize what meter data they will receive. Only a Revenue Metering Data contact can configure a meter data report profile, request an ad-hoc report or retrieve revenue meter data reports for an organization.

The Meter Data Report Profiles that can be configured depend on your organization’s market participation and only the profiles for your organization’s market participations in will be available for you to configure.

The following table lists all possible Meter Data Report Profiles related to Market Participation.

Meter Data Report Profiles	Market Participation
Metered Market Participant (MMP)	Distributor-Metered
	Generator-Metered
	Load-Metered
Metered Market Participant Transmission Tariff (MMPT)	Distributor-Metered Transmission Tariff
	Generator-Metered Transmission Tariff
	Load-Metered Transmission Tariff
Local Distribution Company (LDC)	Distributor-Operator
	Distributor-Owner
Transmitter (TRAN)	Transmitter-Operator
	Transmitter-Owner
Meter Service Provider (MSP)	Metering Service Provider
Meter Data Associate (MDA)	Meter Data Associate

Configuring a Profile

Within a profile you select profile data types which specify the meter data you want to receive. Note that there is only one report profile per market participation to configure for your organization's meter data reports. It can be modified at any time by any registered Revenue Metering Data Contact from your organization and the last configuration settings made will prevail.

You will have the option to select up to four different types of revenue meter data as follows;

- **Totalized Delivery Point Data** refers to data used for settlement in the wholesale energy market and for the transmission tariffs. Data can be provided with or without losses.
- **Totalized Summary Point Data** refers to virtual meter data created as part of the totalization process. A summary point is a mathematical tool that can summate readings from various meters and apply losses, error correction factors, and/or scaling factors to these readings in order to enable the settlement at the associated delivery point. Data can be provided with or without losses.
- **Totalized Meter Point Data** refers to data from the physical metering installation. Data can be provided with or without losses.
- **Validated Meter Point Data** refers to meter point data without losses. This is meter data as collected from the physical metering installation.

Profile Setup for Settlement-Ready Metering Data

The following Meter Data Report Profile settings will publish settlement ready metering data which is the data used for wholesale energy market settlements. These profile settings will publish totalized data at the Delivery Point level with losses applied (report TMD-WL).

- **Meter Data Report Profile** - MMP or MMPT
- **Revenue Meter Data Type** - Totalized Delivery Point Data with Losses

Profile Defined Report Details

Totalized Delivery, Summary and Meter point data will be separated into two reports by loss type. 'With loss' data from all chosen data points will be in one report and 'without losses' data from all chosen data points will be in another. The 'with losses' and 'without losses' report file names will contain 'TMD-WL' and 'TMD-WOL' respectively.

The Validated Meter Point data is reported separately and that report file name will contain 'VMD'.

Reports produced based on your configured profile(s) have the following characteristics.

- **Folder Names** - The report folder name on the IESO Reports Site will be based on the report profile and data type. For example, if you configured the LDC meter data profile type and choosetotalized meter point data with losses then the folder name will be LDC-TMD-WL.
- **File Names** - Report names indicate the market participant name, the chosen meter data profile type, the report type, trade date and version number.

CNF-MP SHORT NAME_ Meter Data Profile Type-TMD-WOL _YYYYMMDD_v#.zip

- **File Versions** - There will be three report versions for each trade date. Version one (v1) will be published two calendar days after the trade date for TMD, and one calendar day after the trade date for VMD. Version two (v2) will be published eight business days plus one calendar day after the trade date. Version three (v3) will be published eighteen business days plus one calendar day after the trade date.
- **Retention** - Profile driven reports will be retained for 45 Days.

Ad Hoc Reports

Ad hoc requests for a trade date within the last 90 days will be published one day after the request date. Ad hoc reports for trade dates older than 90 days will be published the following Sunday after the request date.

- **Folder Name** - The report folder name on the IESO Reports Site will be called MD-AD-HOC.
- **File Names** - Report names indicate the market participant name, the Ad Hoc identifier, date and version number.

CNF-MP SHORT NAME_ MD-AD-HOC _YYYYMMDD_v#.zip

- **File Versions** - Ad-hoc reports for the same trade date will be versioned, when published on different calendar days. The first ad-hoc report for a trade date will be version v1. Subsequent ad-hoc reports for the same trade date, published on future days, will be versions v2, v3, etc.
- **Retention** – Ad hoc reports will be retained for 45 Days.

Explanation of Totalized Meter Data State Option

Totalized Meter Data State is an option for Ad hoc requests that must be selected for the Totalized Delivery, Summary or Meter Point data. The state specifies the version of data that will be included in the report.

- **Current** – This is the latest available version of totalized meter data within the current settlement calendar cycle. This state can only be selected for trade dates within the last 18 business days.
- **Preliminary** – This is the meter data used for the preliminary settlement statement. This state can only be selected for trade dates that are at least eight business days in the past.
- **Final** – This is the meter data used for the final settlement statement. This state can only be selected for trade dates that are at least 18 business days in the past.
- **Post Final** – This is the meter data used for any post final adjustments to settlement statements, calculated after the final settlement for a trade date. This state can only be selected for trade dates that are at least 19 business days in the past. This data will only exist for a trade date if there were post final adjustments for a trade date where meter data has changed.

Monthly AQEW/AQEI Reports

The monthly AQEW/AQEI report will be automatically produced and is available for Local Distribution Companies and Load-Metered Market Participants. Data provided in the report will always be the latest available including losses.

- **Folder Name** - The report folder name on the IESO Reports Site will be called Monthly-AQEW-AQEI.
- **File Names** - Report names indicate the market participant short name, the report type identifier, report month, and version number.

CNF-MP SHORT NAME_Monthly -AQEW-AQEI_YYYYMM_v#.xml

- **File Versions** – There will be two versions published per month. The first version is published on the second calendar day of the month, for the previous month and the second version will be published once all trade dates are final for the previous month
- **Retention** - Retention Period: 90 calendar days

Compliance Aggregation and Meter Disaggregation

Totalized Meter Point Data will include dispatch instructions that are used in the totalization calculation for facilities operating under Compliance Aggregation or Meter Disaggregation. Dispatch instructions will be reported as meters that begin with "SS_SP_".

Totalized Summary Point Data will include Ratio Points. Ratio Points contain the ratios of the dispatch instructions used in the totalization calculation for Compliance Aggregation or Meter Disaggregation. Ratio Points in the meter data begin with "RM_".

Report Publishing Location

All meter data reports will be published to the IESO confidential report site.