Toronto Hydro

Metering Services and Charges

Conditions of Service, Section 6 – Reference #9

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Organization: Toronto Hydro Electric System Ltd.

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Document Revision History

Revision History

Date	Revision	Comment
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1.1 Introduction

Where identified and agreed to by Toronto Hydro, Toronto Hydro will in whole or in part as defined by Toronto Hydro, supply, install, own, and maintain all meters, instrument transformers, ancillary devices, and secondary wiring that are required for revenue metering. Note that this document does not cover metering associated with generation connections.

The Electricity Act, 1998 requires that all buildings receiving electricity from Toronto Hydro be directly connected to the distribution grid. A Customer-Owned substation or Customer-Owned equipment installed on the load side of Toronto Hydro owned transformation facilities, may only provide electricity to building(s) owned by that Customer. Thus the Customer cannot provide electricity to building(s) owned by another Customer. If at any time, any building changes ownership such that a Customer-Owned substation or Customer-Owned equipment installed on the load side of Toronto Hydro owned transformation facilities provides electricity to another Customer, Toronto Hydro will require that the building incurring the ownership change (the "New Owner") pay for ALL costs associated with reconfiguring its electricity supply so that it is directly connected to Toronto Hydro's distribution grid (and not via another Customer). Failure to pay these costs may result in disconnection of the New Owner.

1.2 Metering Charges Table

The following table outlines the metering charges that would apply to different metering scenarios based upon the type of metering, number of metering points, and source connection. Metering charges shall include all associated labour, material, and installation costs. The associated costs from the table below shall be factored into the metering costs of a Customer connection.

Refer to Diagrams in Section 1.3	METERING CHARGES		
	Type of Metering	**Number of Metering Points**	**Associated Costs**
1	Secondary	1	No metering charges to the Customer.
2	Secondary	2 or More	Option A: No metering charges to Customer. Option B (a), (b): No metering charges to Customer. Option B (c): No metering charges to Customer.
3	Secondary	2 or More in MURB or Prescribed Party's*	No charge for first meter – Customer required to pay for all additional meters.
4	Primary	1	Customer pays Material Costs for current transformers (CTs), potential transformers (PTs), Fuse Supports, and Fuses only. No charge for the Meter or Labour for installation.
5	Primary	2 or More	All Metering Points: Customer pays Material Costs for CTs, PTs, Fuse Supports and Fuses only. No charge for Meter or Labour for installation.

* Developers of new multi-unit residential rental buildings and new and existing condominiums (collectively, "MURBs"), or boards of directors of condominiums, or authorized persons in charge of any other applicable class of unit under Ontario Regulation 389/10.

1.3 Metering Configuration and Associated Costing Diagrams

The following diagrams represent the different scenarios listed in the Section 1.2 Metering Charges table. These are based upon the type of metering, number of metering points, source connection, and the associated metering charges including labour, material, and installation.

Costing Nomenclature for Diagrams 1, 2, 3, 4, and 5

Symbol	Associated Metering Costs (M)	Customer Charge
M	Material Cost of Meter and Labour for Installation	No Charge
M	Material Cost of Meter and Labour for Installation	Full Cost
◯	Material Costs for CTs, PTs, Fuse Supports, and Fuses	No Charge
◯	Material Costs for CTs, PTs, Fuse Supports, and Fuses	Full Cost

Note: Requirements for CTs, PTs, Fuse, Fuse Supports, and Fuses will be determined by Toronto Hydro

***Diagram 1*: Secondary Metering, Non-Totalized, 1 Metering Point (Typical Toronto Hydro Metering Configuration)**

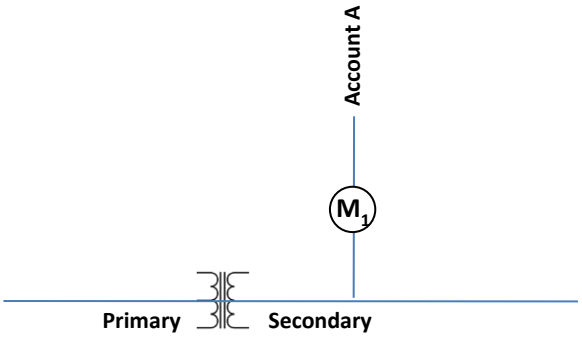
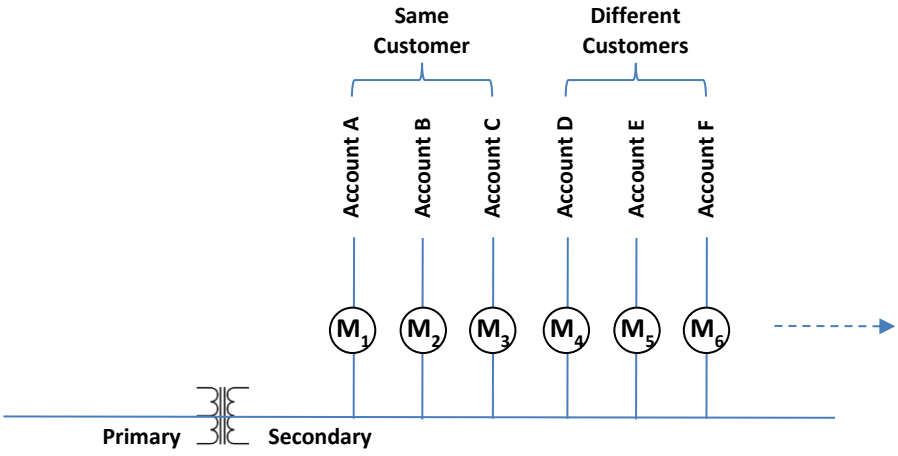


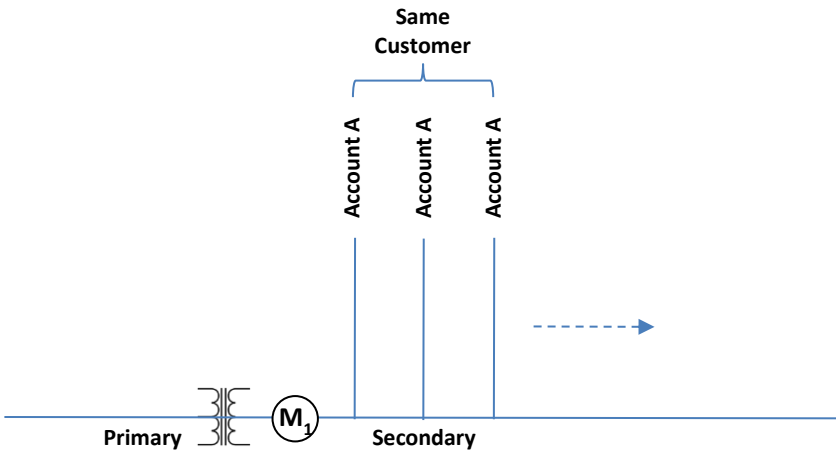
***Diagram 2*: Secondary Metering, Non-Totalized, 2 or More Metering Points**

Option A – Each meter is billed separately

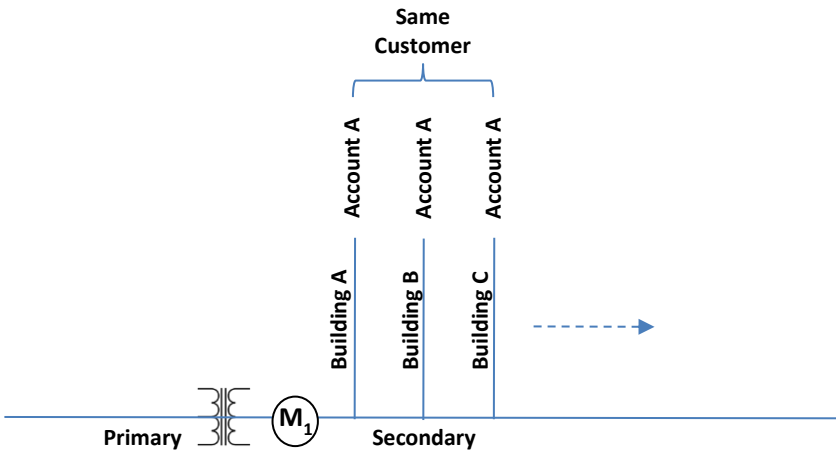


Option B – All services will be Bulk metered in a premise where all services are owned by one Customer.

a) Same Customer

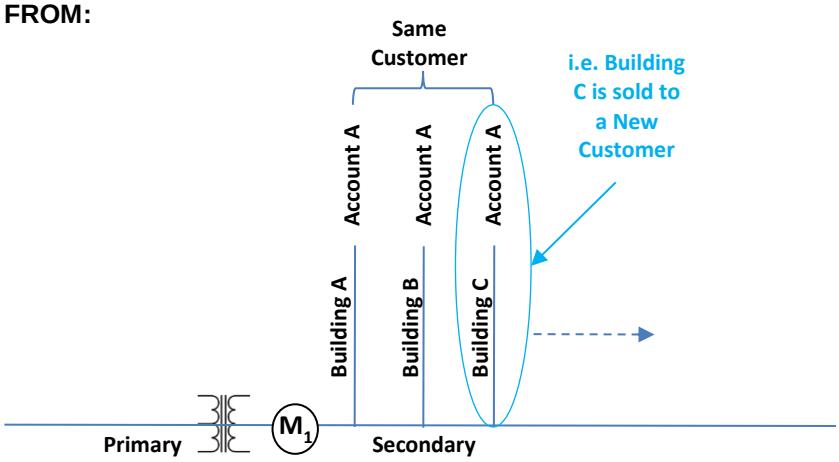


b) Same Customer is the Owner of Multiple Buildings on Property



c) If a Building changes ownership (new Customer) such that one or more building's behind the meter are no longer owned by the same Customer, the metering requirements and source connection will require changes as provided below:

FROM:



TO:

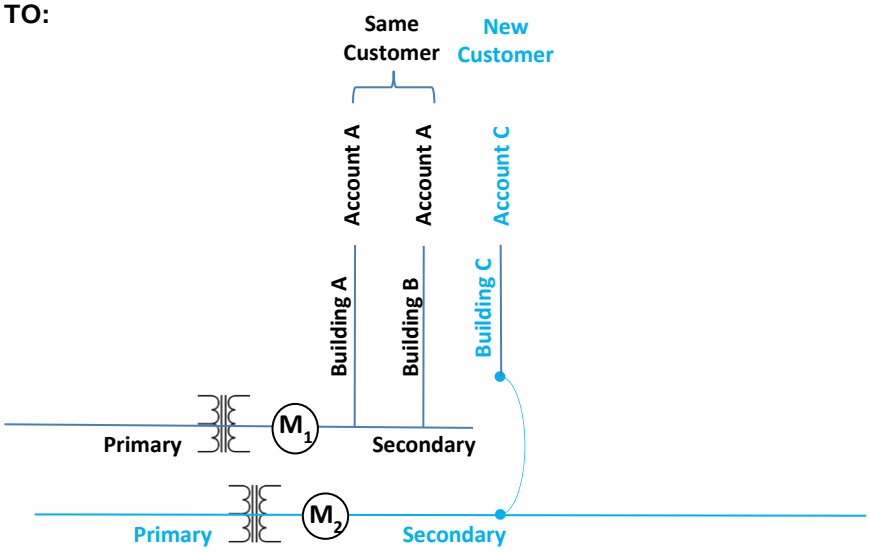


***Diagram 3*: Secondary Metering, 2 or More Common Element Metering Points in a MURB, or *Prescribed Party's, with Totalized Common Element Metering.**

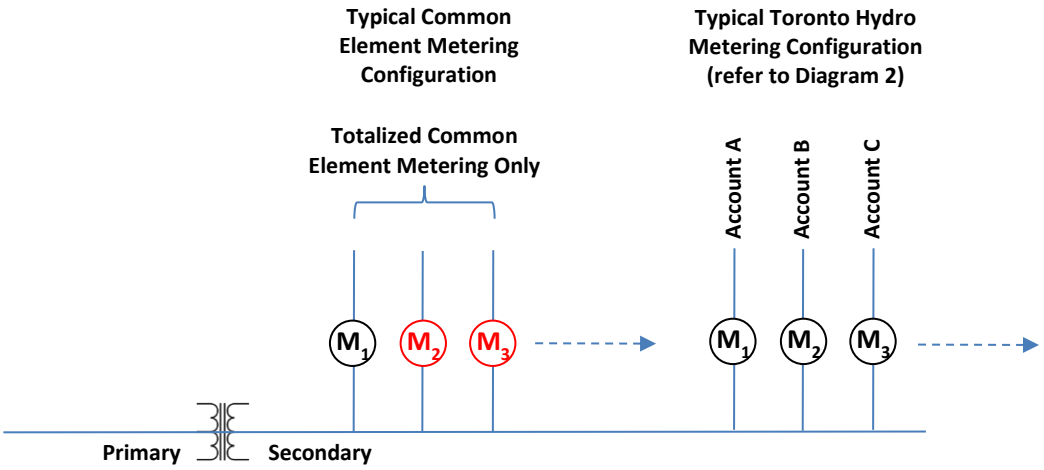


***Diagram 4*: Primary Metering, Non-Totalized, 1 Metering Point**

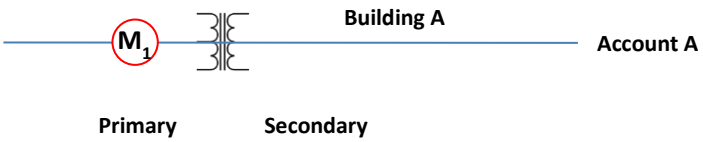
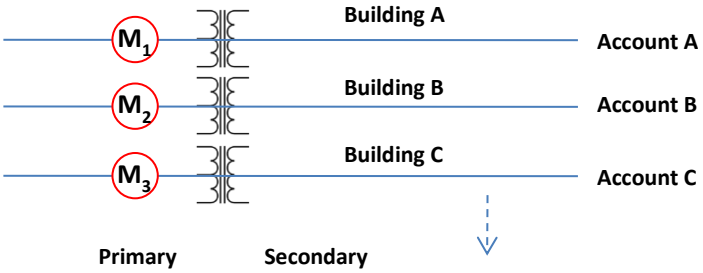


***Diagram 5*: Primary Metering, Non-Totalized, 2 or More Metering Points**



Note:

1. Each meter represents a separate billing account.

1.4 Totalization

This section outlines the meter Totalization methods that Toronto Hydro has established and any additional costs associated with the Totalization of meter points if applicable.

Totalization is the process of aggregating, within Toronto Hydro's meter data management system, interval data from two or more interval meters that serve separate delivery points for the purpose of creating a virtual meter point whose peak load is less than the sum of the individual interval meters. This allows the establishment whereby which the electricity demand and energy of two or more individually metered points of service with separate billing accounts to be totalized or consolidated into one billing account.

Totalization (aggregate billing) of individually metered accounts is not allowed.

However, a building that is Toronto Hydro unit smart metered may have an option of totalized billing for the common element meters in that building only. This applies to new multi-unit residential rental buildings and new and existing condominiums (collectively, "MURBs"), or boards of directors of condominiums, or authorized persons in charge of any other applicable class of unit under Ontario Regulation 389/10.