

# Market Manual

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## **Market Manual 3: Metering**

### **Part 0.3.0: Metering Overview**

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**Issue 1.0**  
**April 4, 2025**

**This document provides an  
overview of the market manual  
for Metering.**



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### Document Change History

Issue	Reason for Issue	Date
Refer to Issue 12.0 (MDP-MAN-0003) for changes prior to Market Transition.		
1.0	Market transition	April 4, 2025

### Related Documents

Document ID	Document Title
N/A	



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## Table of Changes

Reference	Description of Change
Throughout document	Replaced IMO with IESO in the document text and in the following diagrams: <ul style="list-style-type: none"><li>- Figure 3-1: Interrelationships of Procedures within the Metering Market Manual</li><li>- Figure 3-2: Main Steps for Registering a Metering Installation in the IESO-Administered Market</li></ul>
Section 2	Added Market Manual 3: Metering, Part 3.10 Transmission Grid – High Voltage Metering.
Section 3.3.9	Added description of Market Manual 3: Metering, Part 3.10 Transmission Grid – High Voltage Metering.
Section 4	Added reference to Market Manual 3: Metering, Part 3.10 Transmission Grid – High Voltage Metering.
Section 3.2 Figure 3-2	Removed the reference to the End-User computing tool: MIRT (Metering Installation Registration Tool). The tool is no longer required.

## Market Transition

- A.1.1 This *market manual* is part of the *renewed market rules*, which pertain to:
- A.1.1.1 the period prior to a *market transition* insofar as the provisions are relevant and applicable to the rights and obligations of the *IESO* and *market participants* relating to preparation for participation in the *IESO administered markets* following commencement of *market transition*; and
  - A.1.1.2 the period following commencement of *market transition* in respect of all the rights and obligations of the *IESO* and *market participants*.
- A.1.2 All references herein to chapters or provisions of the *market rules* or *market manuals* will be interpreted as, and deemed to be references to chapters and provisions of the *renewed market rules*.
- A.1.3 Upon commencement of the *market transition*, the *legacy market rules* will be immediately revoked and only the *renewed market rules* will remain in force.
- A.1.4 For certainty, the revocation of the *legacy market rules* upon commencement of *market transition* does not:
- A.1.4.1 affect the previous operation of any *market rule* or *market manual* in effect prior to the *market transition*;
  - A.1.4.2 affect any right, privilege, obligation or liability that came into existence under the *market rules* or *market manuals* in effect prior to the *market transition*;
  - A.1.4.3 affect any breach, non-compliance, offense or violation committed under or relating to the *market rules* or *market manuals* in effect prior to the *market transition*, or any sanction or penalty incurred in connection with such breach, non-compliance, offense or violation; or
  - A.1.4.4 affect an investigation, proceeding or remedy in respect of:
    - (a) a right, privilege, obligation or liability described in subsection A.1.4.2; or
    - (b) a sanction or penalty described in subsection A.1.4.3.
- A.1.5 An investigation, proceeding or remedy pertaining to any matter described in subsection A.1.4.3 may be commenced, continued or enforced, and any sanction or penalty may be imposed, as if the *legacy market rules* had not been revoked.







# 1 Market Manuals

The *market manuals* consolidate the market procedures and associated forms, standards, and policies that define certain elements relating to the operation of the *IESO-administered markets*. Market procedures provide more detailed descriptions of the requirements for various activities than is specified in the *market rules*. Where there is a discrepancy between the requirements in a document within a *market manual* and the *market rules*, the *market rules* shall prevail. Standards and policies appended to, or referenced in, these procedures provide a supporting framework.

**– End of Section –**

## 2 About This Manual

This document is Volume 3.0 of the *market manuals*, and provides an overview of “Market Manual 3: Metering”.

The metering manual is composed of the following document set:

### Market Manual 3: Metering

Document ID	Part No.	Name of Procedure Document
MDP_MAN_0003	3.0	Metering Overview
MDP_PRO_0007	3.1	Metering Service Provider (MSP) Registration, Revocation and De-registration
MDP_PRO_0013	3.2	Meter Point Registration and Maintenance
MDP_PRO_0010	3.4	Measurement Error Correction
MDP_PRO_0011	3.5	Site-Specific Loss Adjustments
MDP_PRO_0012	3.6	Conceptual Drawing Review
IMP_PRO_0047	3.7	Totalization Table Registration
IMP_PRO_0057	3.8	Creating and Maintaining Delivery Point Relationships
IMP_PRO_0058	3.9	Conformance Monitoring
IESO_PRO_0573	3.10	Transmission Grid – High Voltage Metering
MDP_STD_0004		Wholesale Revenue Metering Standard - Hardware
MDP_STD_0005		Site-Specific Loss Adjustments Standard

### 2.1 Purpose

The metering manual is designed to provide an overview of the metering procedures required for registering as a *metering service provider* (MSP) and for registering a *metering installation* in the *IESO-administered markets*.

### 2.2 Scope

This overview is intended to provide a summary of the steps and interfaces for *metering service providers*, *metered market participants* (MMPs), and the *IESO*, for

metering-related registration activities. Procedural work flows and steps described in component procedures serve as a roadmap for *metering service providers*, *metered market participants* and the *IESO*, and reflect the requirements set out in the *market rules* and applicable *IESO* policies and standards.

The information provided in the metering manual is not intended for use as training material for the above referenced procedures, and specific procedures internal to the *IESO* are not provided.

## 2.3 Who Should Use This Manual

The intended audiences for the metering manuals are *metering service providers*. *Metered market participants* should refer to this manual for reference purposes.

## 2.4 Conventions

The standard conventions followed for *market manuals* are as follows:

- The word 'shall' denotes a mandatory requirement;
- Terms and acronyms used in this *market manual* including all Parts thereto that are italicized have the meanings ascribed thereto in Chapter 11 of the *market rules*;
- Double quotation marks are used to indicate titles of legislation, publications, forms and other documents.

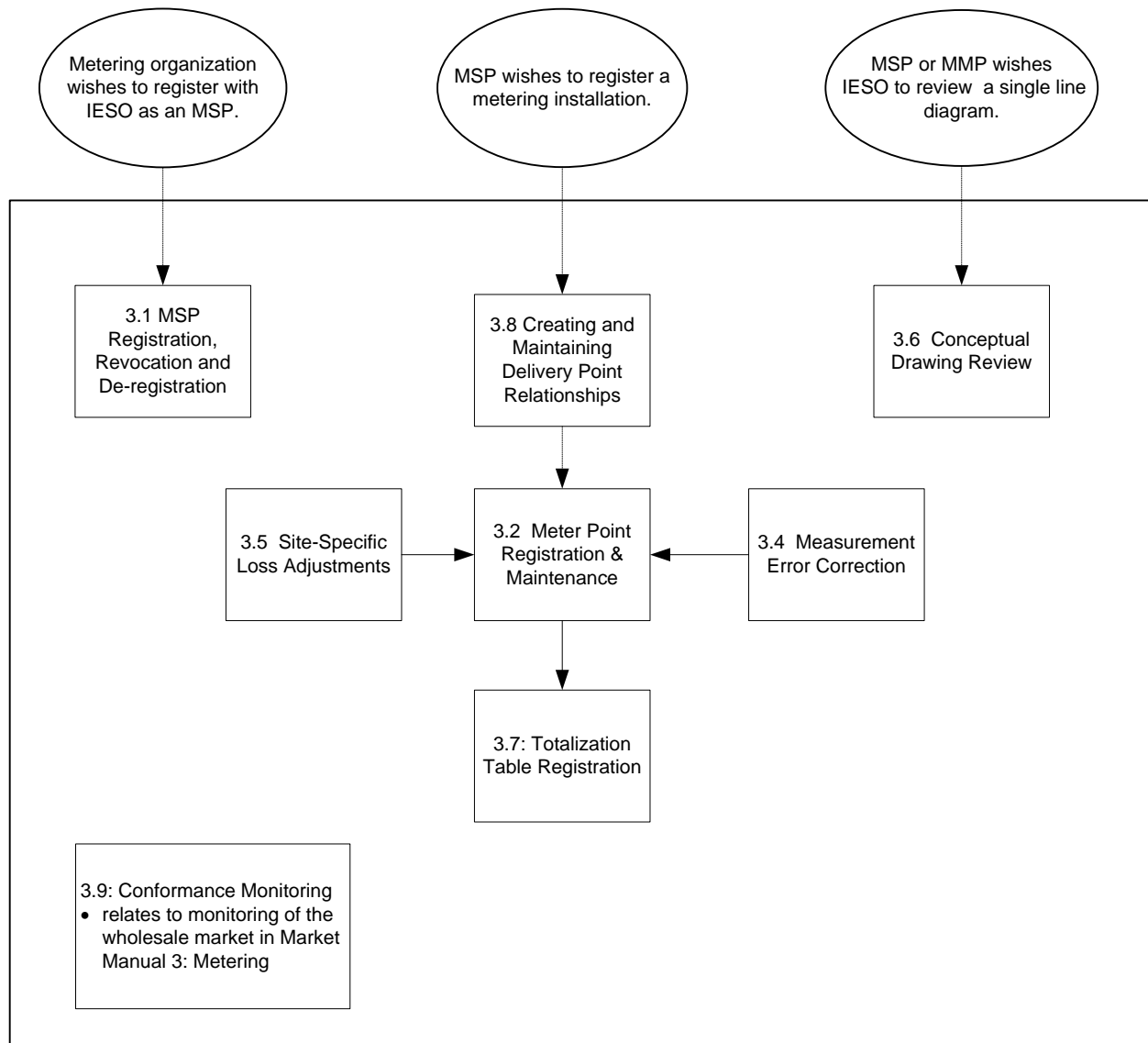
Any procedure-specific convention(s) shall be identified within the procedure document itself.

**– End of Section –**

## 3 Procedures Summary

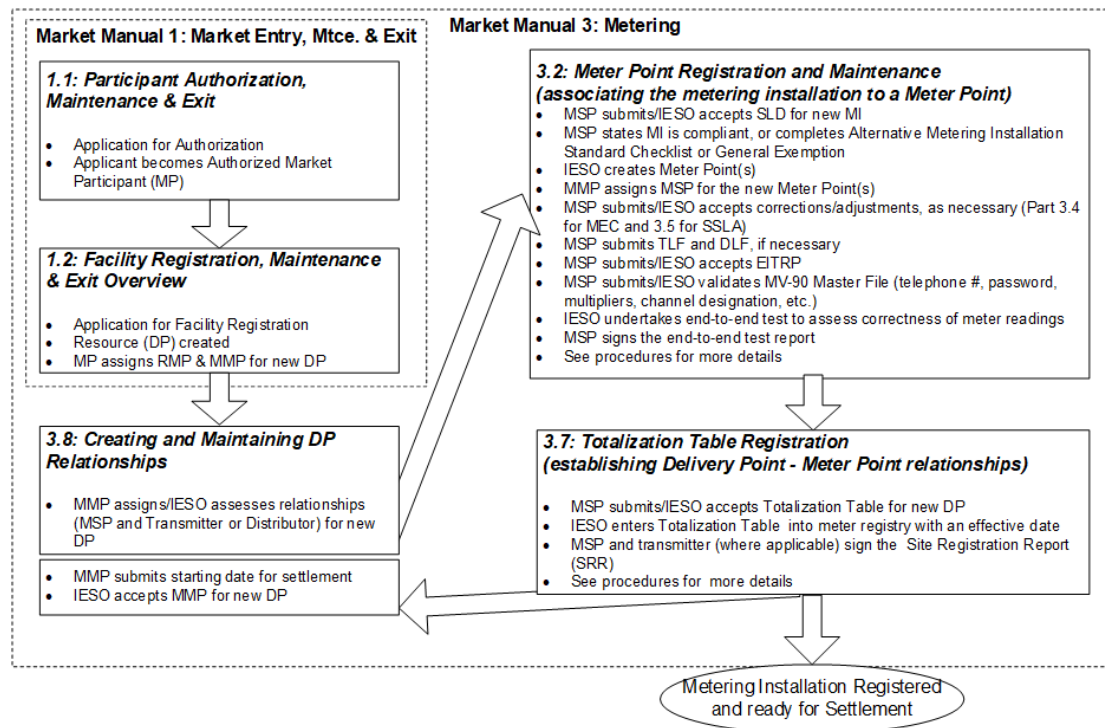
### 3.1 Interrelationship of the Procedures

Figure 3-1, below, shows the composition of this *market manual* and shows how the procedures trigger events and how the metering manual relates to other *market manuals*.



**Figure 3-1: Interrelationships of Procedures within the Metering Market Manuals**

## 3.2 Procedures for Registering a Metering Installation



**Figure 3-2: Main Steps for Registering a Metering Installation in the IESO-Administered Market**

## 3.3 About the Procedures in this Manual

The following is a synopsis of each of the procedures that comprise the “Metering Manual”.

### 3.3.1 Part 3.1: MSP Registration, Revocation and De-registration

This procedure provides an overview of the *metering service provider* registration process, and describes the requirements, forms and steps to register as a *metering service provider*. Maintenance processes, such as revocation and de-registration are also described.

### 3.3.2 Part 3.2: Meter Point Registration and Maintenance

This procedure is the second step in registering a *metering installation* and follows the procedure described in “Part 3.8: Creating and Maintaining Delivery Point”. This procedure defines the registration processes for *meter points*. Procedures are also defined for registering changes to a *metering installation*.

### 3.3.3 Part 3.4: Measurement Error Correction

This procedure explains what measurement error corrections are, and how to calculate and submit them for the purposes of *metering installation* registration or upgrades.

### 3.3.4 Part 3.5: Site-Specific Loss Adjustments

This procedure explains what site-specific loss adjustments are, and how to calculate and submit them for the purposes of *metering installation* registration.

### 3.3.5 Part 3.6: Conceptual Drawing Review

This procedure describes how to prepare and submit single line diagrams to the *IESO* for preliminary review. The single line diagram can be for a proposed *metering installation* or for proposed changes to an existing *metering installation*. The *IESO* provides this review as a service to *metering service providers* and *metered market participants*.

### 3.3.6 Part 3.7: Totalization Table Registration

This procedure describes how to register totalization tables with the *IESO*. Totalization table registration is the third step of the *metering installation* registration process.

### 3.3.7 Part 3.8: Creating and Maintaining Delivery Point Relationships

This procedure describes how to create and modify *delivery points* for both the *energy market* and *transmission tariffs*. Creating a *delivery point* is the first step in the *metering installation* registration process.

### 3.3.8 Part 3.9: Conformance Monitoring

This procedure describes how the *IESO* monitors the conformance of *metering installations* and *metering service providers* to the *market rules* and provides the steps required to comply for *market participants*, *metered market participants* and *metering service providers*.

### 3.3.9 Part 3.10: Transmission Grid – High Voltage Metering

This manual describes the implementation and registration process for transmission grid high voltage *metering installations*, which is part of the registration process for a *metering installation* in the *IESO* marketplace.

**– End of Section –**

## 4 Applicability of Procedures

The table below summarizes the most common situations or events that are likely to trigger activities described in this *market manual*. To use this table, select the event that most closely matches your area of interest under the “Event” column; then refer to the appropriate Procedures document listed in the “Procedure” column. A list of all Procedures documents that comprise this *market manual* is found in Section 3 of this document.

**Table 4-1: Events and Procedures**

Event	Procedure
Metering organization wishes to register with the <i>IESO</i> as a <i>metering service provider</i> .	Part 3.1: Metering Service Provider (MSP) Registration, Revocation and De-registration
<i>Metering service provider</i> or <i>metered market participant</i> wishes the <i>IESO</i> to review a single line diagram for a proposed <i>metering installation</i> , or proposed changes to a <i>metering installation</i> .	Part 3.6: Conceptual Drawing Review
<i>Metering service provider</i> wishes to register a <i>metering installation</i> .	Part 3.0: Metering Overview Part 3.2: Meter Point Registration and Maintenance Part 3.4: Measurement Error Correction Part 3.5: Site-Specific Loss Adjustments Part 3.7: Totalization Table Registration Part 3.8: Creating and Maintaining Relationships Part 3.10: Transmission Grid – High Voltage Metering

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