

# Baseline 17.0 Updates

Revenue Metering Standing Committee  
March 7, 2007  
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# Market Rule Amendment

## MR-00312

- MR-00312 became effective Dec. 12, 2006
- IMDC\_0118 valid from Dec, 12, 2006 to March 7, 2007

### Current Market Rule Amendments

The links below provide information relating to each market rule amendment currently under consideration by the Technical Panel or approved by the IESO Board but have not yet been incorporated into a baseline. The market rule amendment process is described on the [Rule Amendment Process](#) page. Amendments that are already incorporated into a baseline appear on the [Amendment Archive](#) page.

MR-00312 - Revenue Metering: Relief to Retain Registration Under the Alternative Metering Standard Last Updated: Nov 20, 2006	Chapter 6 Section 4.4 and Appendix 6.2
Amendment Submission Q00	
Amendment Proposal R00-R02 The Technical Panel requests that stakeholders review the draft amendment proposal and provide comments to the Panel by October 25, 2006 using the <a href="#">written submission form</a> .	
Technical Panel Recommendation on Amendment Proposal R00-R02	
IESO Board Decision R00-R02	

	3.2 - Meter Point Registration and Maintenance	9/13/2006	PDF 946MB	DOC 6.84MB
New	• <b>Interim Market Document Change, IESO_IMDC_0118:</b> Retaining Registration under the Alternative Metering Installation Standard, ver. 1.0	12/19/2006	PDF 106KB	
New	Application to Retain Registration under the Alternative Metering Installation Standard (1663)	12/19/2006		DOC 38KB

# Baseline 17.0

- Final approved documents posted on the IESO website on March 7, 2007

Milestones	Baseline 16.1	Baseline 17.0	Baseline 17.1	Baseline 18.0	Baseline 18.1
All technical interface documents relating to the next software release are posted on the Pending Changes webpage for Market Participant comment. IESO initiates an impact assessment, inviting market participants to review changed documents and provide feedback regarding implementation concerns.	25 Aug 2006	23 Nov 2006	22 Feb 2007	31 May 2007	23 Aug 2007
Last day for Market Participants to submit comments concerning technical interface documents.	11 Sep 2006	7 Dec 2006	8 Mar 2007	14 Jun 2007	7 Sep 2007
Updated technical interface documents, which reflect impact assessment, are posted on the Pending Changes webpage.	28 Sep 2006	3 Jan 2007	23 May 2007	29 Jun 2007	25 Sep 2007
New and updated market manuals and related documents are posted on the Pending Changes webpage. IESO initiates impact assessment, inviting market participants to review changed documents and provide feedback regarding implementation concerns.	18 Oct 2006	17 Jan 2007	17 Apr 2007	23 Jul 2007	17 Oct 2007
Last day to submit comments concerning market manuals and related documents.	1 Nov 2006	31 Jan 2007	1 May 2007	7 Aug 2007	31 Oct 2007
Revised market manuals and related documents, incorporating impact assessment, are posted on the Pending Changes webpage	16 Nov 2006	15 Feb 2007	16 May 2007	22 Aug 2007	15 Nov 2007
Final approved documents posted on the IESO web.	6 Dec 2006	7 Mar 2007	6 Jun 2007	12 Sep 2007	12 Dec 2007

# Baseline 17.0

## Change Notification Listing

The listing below provides advance notice of pending changes to the Market Rules, Market Manuals, technical interfaces or other items that define the operation of the IESO-administered market. For changes that are minor, the listing will identify the document that is changing and a description of the changes, but a link to the altered document may not be included.

### Notes:

- Comments regarding implementation concerns can be sent to [pending.changes@IESO.ca](mailto:pending.changes@IESO.ca).
- Details of the market rule process are provided at the [Market Rule Amendment](#) process.

Document Type:

Item	Last Updated	Comments Due	Target Implementation
IMP_PRO_0047 Market Manual 3: Metering Part 3.7: Totalization Table Registration, ver. 11.2	15-Feb-2007	20-Feb-2007	Baseline 17.0
<p>This document has been revised to incorporate additional participant feedback. The proposed feedback clarifies the situation where there is no real-time constrained schedule for the affected delivery points. The proportionality factor is then distributed equally among SS_SP Meter Points in the schedule set. See Stakeholder Feedback and IESO response A new section has been added to this manual to describe meter disaggregation. Meter Disaggregation has been incorporated into the workflow for totalization table registration. Procedural steps have been revised to include totalization table registration process for Meter Disaggregation. Reference has been added to a new form, IESO-FORM-1665: Acceptance of Meter Disaggregation Model. Updated the Single Line Diagram (SLD) and totalization table example to reflect current practices. An example of a Compliance Aggregation Model and of a Meter Disaggregation Model has been added to the document.</p>			
MDP_PRO_0013 Market Manual 3: Metering - Part 3.2: Meter Point Registration and Maintenance, ver.19.1	17-Jan-2007	31-Jan-2007	Baseline 17.0
<p>This revision incorporates IESO_IMDC_0118 - Retaining Registration under the Alternative Metering Installation Standard A small number of revenue metering installations currently registered under the alternative metering installation standard are required to undergo substantial, complex and costly upgrades to meet the requirements under Section 4.1 of Chapter 6 of the market rules. Market rule amendment MR-00312 allows metered market participants with exceptionally complex metering upgrades, registered under Section 4.4 of Chapter 6, to apply to retain registration under the alternative metering installation standard. This market manual has been revised to reflect the impact of the rule amendment. In addition to the IMDC the following revisions have been made Clarified the reference for correction factors. Updated the list of IESO Forms to include all forms used in the process and to include new IESO-FORM-1663. Revised Appendix E to specify conditions, cases, the application process and an example assessment for applying to retain registration under the alternative metering installation standard.</p>			

## • NEW Section 2.3.6 – Meter Disaggregation

- Section 3, Figure 3-1 Procedural Workflow updated to include registration of Meter Disaggregation Model
- Section 4, Table 4-1 Procedural Steps updated to include registration of Meter Disaggregation Model
- NEW IESO-FORM-1665: Acceptance of Meter Disaggregation Model

### 2.3.6 Meter Disaggregation

Market participants may apply to disaggregate facilities for bidding purposes. If the request for disaggregation is approved, the market participant may elect to implement the Meter Disaggregation Model.

Meter disaggregation is the functionality within MV-STAR which enables true measured generation, derived from registered wholesale meter(s), to be apportioned to two or more delivery points associated with the Meter Disaggregation Model. The apportionment is performed by applying a proportionality factor based on dispatch instructions to the aggregation summary meter.

The Meter Disaggregation Model consists of the following elements:

#### Schedule Set

- The schedule set identifies the Shared Meter MSID and Delivery Point ID's associated with the Meter Disaggregation Model.
- Only one delivery point may be considered "Primary" (indicated by a 'Y' in the Primary column of the schedule set). The delivery point set to "Primary" permits full access to all underlying data of the delivery point. A delivery point set to 'N' in the "Primary" column of the schedule set permits access to only the calculated values at the delivery point.

#### Shared Meter MSID

- Section 2.3.5 – Compliance Aggregation added in Baseline 16.0 (effective September 13, 2006)
- Baseline 17.0 - revised description of SS\_SP Meter Point to include instance where RTCS totals zero

#### SS\_SP Meter Point

- The SS\_SP Meter Point is a notional meter point that is automatically created when the schedule set is defined in MV-STAR. A SS\_SP meter point is associated with each *delivery point* and the data contained in the SS\_SP meter point is a proportionality factor based on the *dispatch instruction* of the individual *facility*. The proportionality factor is calculated by comparing the individual energy Real Time Constrained Schedule (RTCS) for each disaggregated delivery point to the total RTCS for the schedule set group. The proportionality factor is recorded for each 5 minute interval and is represented as a decimal percentage value. When the total RTCS is zero, the proportionality factor is distributed equally among all SS\_SP Meter Points associated with the schedule set. The sum of each interval of all SS\_SP Meter Points associated with the schedule set is 1.0.

- Appendix A - NEW IESO-FORM-1665: Acceptance of Meter Disaggregation Model
- Appendix C – Updated the SLD and totalization table example to reflect current practices
- Appendix F – Added example of a Compliance Aggregation Model
- Appendix G – Added example of a Meter Disaggregation Model
- Reference – Included reference for NEW Section 2.3.5

- **NEW – Incorporated IESO\_IMDC\_0118 into Section 1.7**

- Subsequent sections have been re-numbered
- Section 1.8 – corrected name of metering department to Metering Installations

#### **1.7 Retaining Registration under the Alternative Metering Installation Standard**

Metering installations registered under the alternative metering installation standard can remain registered until such time as a substantial upgrade or refurbishment is performed. At this time, the registration expires and the metering installation has to be upgraded to be fully compliant with Section 4.1 of Chapter 6 of the market rules and a signed “Declaration of Compliance of Metering Installation” (IMO-FORM-1298) submitted.

There are some installations however, where an upgrade to full compliance requires rebuilding of major components of a facility or power system and is impractical. Under these circumstances the metered market participant may apply to retain registration under Section 4.4.8 of Chapter 6 of the market rules. The right to retain registration granted by the IESO under these conditions would permit qualifying metered market participants to retain registration of certain components of the metering installation under the alternative metering installation standard.

Refer to Appendix E for a detailed description, conditions, cases and the application process for retaining registration under the alternative metering installation standard.

- Appendix A – Updated to include new IESO\_FORM\_1663; Application to Retain Registration under the Alternative Metering Installation Standard
- Appendix E – Specifies conditions, cases, the application process and an example assessment for applying to retain registration under the alternative metering installation standard