

# Baseline 17.1 Updates

Revenue Metering Standing Committee  
Richard Zaworski  
May 16, 2007



Milestones	Baseline 16.1	Baseline 17.01	Baseline 17.1	Baseline 18.01	Baseline 18.1
All technical interface documents relating to the market rules and manuals related to the Pending Changes webpage for Market Rule Amendment. IESO initiates an impact assessment, inviting market participants to review changed documents and provide their comments regarding implementation concerns.	25 Aug 2006	29 Nov 2006	20 Feb 2007	30 May 2007	25 Aug 2007
Last day for Market Participants to submit comments concerning technical interface documents.	11 Sep 2006	7 Dec 2006	4 Nov 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	27 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.	10 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	18 Nov 2007
Final approved documents posted on the IESO web.	6 Feb 2007	7 May 2007	5 Jun 2007	17 Sep 2007	17 Oct 2007

## 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: Part 3.7 Totalization Table Registration, ver. 12.1	17-Apr-2007	1-May-2007	Baseline 17.1
Revised to clarify the process for effectiveness of metering data in MV-STAR, for both the Compliance Aggregation and Meter Disaggregation Programs.			
MDP_AGR_0012, Participation Agreement, ver. 8.1	17-Apr-2007	1-May-2007	Baseline 17.1
Revision to signature block to provide name of new CEO.			
MDP_PRO_0027, Market Manual 4: Market Operations Part 4.2: Submission of Dispatch Data in the Real-Time Energy and Operating Reserve Markets, ver. 29.1	17-Apr-2007	1-May-2007	Baseline 17.1
Incorporate IESO_IMDC_0123, Price Changes Inside the Mandatory Window. In accordance with the approved Market Rule Amendment MR-00327-R00, these changes allow market participants to revise or submit new dispatch data prices during the 2 hour mandatory window for reasons of safety, environmental, legal or equipment damage.			
IESO_FORM_1660, Acceptance of CA Model, ver. 1.1	17-Apr-2007	1-May-2007	Baseline 17.1
Updated for consistency with other Metering Forms.			

- Market Manual 3.7 – Totalization Table Registration
- Changes to section 2.3.5 and 2.3.6
- Clarified the process for effectiveness of metering data in MV-Star for the Compliance Aggregation and Meter Disaggregation Program

#### 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.
- Due to routines in the Commercial Reconciliation System (CRS), the SS\_SP metering data is not available until the 6<sup>th</sup> calendar day following the trading day.

#### SS\_SM Summary Meter

- The SS\_SM Summary Meter is a notional summary meter that is also automatically created when the schedule set is defined in MV-STAR. The SS\_SM Summary Meter is used to disaggregate the Shared Meter MSID by the SS\_SP Meter Point. The SS\_SM Summary Meter disaggregated value is the product of the SS\_SP Meter Point and the Shared Meter MSID.
- Because the SS\_SP metering data is not available until 6 calendar days after the trading day, SS\_SM metering data is also only available on the 6<sup>th</sup> calendar day after the trading day.

On the implementation date, the IESO will enter the totalization table into the MV-STAR system. As a result, the existing structure of the totalization table in the *metering registry* will change and these changes take effect on the start date of the *delivery point*. By completing and submitting IESO-FORM-1660, the *market participant* authorizes the IESO to implement the Compliance Aggregation Model and acknowledges that the current Site Registration Report for the affected *delivery points* will no longer be in effect. Typically, there is a 10-day turn-around time between the date the Compliance Aggregation Model is built in MV-STAR and the time we receive the new signed SRR. During this interim period, the Compliance Aggregation Model represents the totalization table in the *metering registry* and will remain in effect.

- **Expanded definition of MV-Star in section 2.4.3**

### 2.4.3 MV-STAR

MV-STAR is the application that allows the creation of “summary maps” which summate readings from various *meter point* IDs that contribute to a *delivery point* (“metered market participant account”). This application also allows the application of error correction factors and losses, as appropriate. Once processed, these allocated quantities associated with a *delivery point*, which result from “totalized” *meter* readings, are exported to the Commercial Reconciliation system. MV-STAR is the place where the *meter point* ID that identifies either a physical or a summary *meter* is associated with a *delivery point* (account), based on the totalization data provided by the *metering service provider*.

*MV-STAR is the metering database that includes original energy meter readings and creates as required energy readings that are loss adjusted and totalized to their respective delivery points for settlement of the IESO-administered market.*

- Updated for consistency with other Forms



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## Acceptance of Compliance Aggregation Model

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Note: This form and accompanying documents may be submitted by email, mail, courier, or fax.

Email this form and accompanying documents to:

[customer.relations@ieso.ca](mailto:customer.relations@ieso.ca)  
Attention: Metering Installations

Mail this form and accompanying documents to:

Independent Electricity System Operator  
Attention: Metering Installations/Wholesale Metering Department  
Station A, P.O. Box 4474  
Toronto, ON M5W 4E5

Courier this form and accompanying documents to:

Independent Electricity System Operator  
Attention: Metering Installations/Wholesale Metering Department  
655 Bay Street, Suite 410  
Toronto, ON M5G 2K4

Fax this form and accompanying documents to:

Fax No.: (905) 855-8688  
Attention: Metering Installations/Wholesale Metering Department