

## SME INTERIM MDM/R DOCUMENT CHANGE

Title: Measurements and Measurement Profiles – Billing Service  
Standard Interface Reply and Meter Reads Retrieval Web Services  
Request/Reply

File #: **SME\_IMDC\_0102**

Version #: **1.0**

### Part 1 – General Information

<b>Document Affected:</b>	Document Title: MDM/R Technical Interface Specifications, Version 3.4		
	Document ID Number: IESO_SPEC_9027		
<b>SME-LDC Agreement Reference:</b>	Pending		
<b>SME Terms of Service Reference:</b>	Pending		
<b>Reason For Issue:</b>	<input type="checkbox"/> For comment and discussion purposes only. See instructions in Part 4. <b>Deadline for comment:</b> <div style="text-align: center;">(mm/dd/yyyy)</div> <input checked="" type="checkbox"/> Notification of change.		
<b>Date Prepared:</b>	10/31/2011	<b>Documentation Change Valid From:</b>	October 31, 2011
	(mm/dd/yyyy)	<b>Documentation Change Valid To:</b>	n/a
<b>Subject:</b>	MDM/R Measurements and Measurement Profiles for: <ul style="list-style-type: none"> <li>• XML file-based <i>EnergyIP</i> Billing Service Standard Reply interface and MDM/R Billing Quantity Interface.</li> <li>• Meter Reads Retrieval Web Services Request/Reply interface.</li> </ul>		
<b>Reason For Change:</b>	To provide configuration control specifications for Measurements and Measurement Profiles used for billing and meter reads retrieval interfaces to support: <ul style="list-style-type: none"> <li>• MDM/R Billing Quantity Interface Response – <i>EnergyIP</i> Releases 7.0</li> <li>• XML file-based Billing Service Standard Reply – <i>EnergyIP</i> Release 7.2</li> <li>• Meter Reads Retrieval Web Services Request/Reply – <i>EnergyIP</i> Releases 7.0 and 7.2</li> </ul> <p>To provide advance specifications for the Calculative Read Measurements and billing Measurement Profiles planned for deployment with a future <i>EnergyIP</i> Release to provide the Calculative Reads Equality Adjustment functionality. This new functionality will provide adjusted billing quantities required for the outstanding equality check and adjustment function required by the Measurement Canada Universal Solution.</p>		

## Part 2 – General Information

### Description of Change

The information following will be included in a revision of the affected document, on or about the 'valid from' date provided in Part 1.

The following changes are reflected in Version 3.4 of the MDM/R Technical Interface Specifications dated 31 October 2011.

Please see the Version 3.4 Table of Changes, pages iv-v for a detailed description of all changes and updates.

The following provides a summary of changes reflected in Version 3.4.

- Section 2.5 – Billing Service Standard Interface Reply
  - Relocation of Business Rules for Demand Billing Quantities from Section 2.7 – these business rules are unchanged and govern both – *EnergyIP* Releases 7.0 and 7.2
  - Table 2.5.7 – Addition of billing Measurements to provide configuration control specifications for:
    - Existing billing Measurements used for *EnergyIP* Release 7.0
    - Register read Measurements used for *EnergyIP* Release 7.2
    - Calculative Read Measurements planned for deployment *EnergyIP* Release 7.x
  - Table 2.5.8 – Addition of billing Measurement Profiles providing configuration control specifications for *EnergyIP* Release 7.0
  - Table 2.5.9 – Addition of billing Measurement Profiles providing configuration control specifications for *EnergyIP* Release 7.2 including billing period start and end register readings
  - Table 2.5.10 – Addition of billing Measurement Profiles to provide configuration control specifications for *EnergyIP* Release 7.x including calculative read measurements
- Section 2.10 – Meter Reads Retrieval Web Services Request/Reply
  - Table 2.10.3 – Revised to correct measurement literals for 'readingTypeIds returned' for Measurement Profiles MP01, MP02, MP04 changed in error in prior versions of the MDM/R TIS.
  - Table 2.10.5 – Addition of meter reads retrieval Measurements to provide configuration control specifications for all existing Measurements supporting Meter Reads Retrieval Web Services Request/Reply interface for *EnergyIP* Release 7.0 and 7.2
  - Table 2.10.6 – Addition of meter reads retrieval Measurement Profiles to provide configuration control specification for all existing Measurement Profiles supporting Meter Reads Retrieval Web Services Request/Reply interface for *EnergyIP* Release 7.0 and 7.2

## Part 3 – Associated System Change

### Description of Systems Change

This section describes the associated release date, systems environments and other details of the systems change that are directly related to this document change.

Where applicable, this section will also describe the timelines for any overlap between different versions of a particular interface and any testing steps that an MDM/R user may be expected to go through in order to implement the change.

Billing Measurements and Measurement Profiles supporting *EnergyIP* Release 7.0 are unchanged and in-effect in the MDM/R Production and QA environments.

Billing Measurements and Measurement Profiles supporting *EnergyIP* Release 7.2 are in-effect in the MDM/R Sandbox and Sandbox2 environments.

Meter Reads Retrieval Web Services Measurement Profiles supporting *EnergyIP* Release 7.0 and 7.2 are unchanged and in-effect in all MDM/R environments.

Calculative Read Measurements are under development and are planned for a future Release 7.x deployment of *EnergyIP*.

## Part 4 – Instructions for Providing Feedback:

If this SME\_IMDC has been issued for comment (see “Reason for Issue”) you may provide feedback to the IESO in the following manner:

- 1) Please send your comments to: [info@smi-ieso.ca](mailto:info@smi-ieso.ca)
- 2) In the subject-header of your e-mail, please cite the SME\_IMDC file number of this document (see front page of this document).
- 3) Your comments may also include your organization’s assessment of the potential costs, time requirements and risks for implementing the proposed changes;
- 4) Please note that any comments submitted may be circulated amongst other stakeholders and other parties at the discretion of the IESO.