

Station Service Market Rule Amendment

Christopher Reali, Engineering Supervisor,
Revenue Metering, IESO

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Outline

- Background
- Status
- Redline Market Rule Amendment
- Next Steps and Implementation

Background

- The current release of Chapter 9 of the Market Rules places obligations related to the identification of station service and the estimation of station service on the registered market participant (“RMP”).
- The RMP is the person responsible for submitting dispatch data:
 - No relation to equipment (in the capacity of an RMP).

Background

- The appropriate person to provide the most accurate connection station service estimate is the owner of the facility.
- From a registration perspective, as per Part 1.2 of Market Manual 1, the owner of the facility is that market participant who registers the facility.

Background

- To date, connection station service estimates have been submitted by MSPs on behalf of MMPs by registering a virtual meter with the IESO.
 - In cases where that MMP is not the facility owner, this usually requires the facility owner to estimate the connection station service factor and provide it to the submitting MMP and MSP.
 - This interaction is inefficient, is not visible to the IESO and is therefore not auditable by the IESO.

Status

- Beginning at the November 22, 2017 Technical Panel meeting, the IESO has been progressing through the Market Rule Amendment process to amend Sections 2.1A.1 and 2.1A.3 of Chapter 9 of the Market Rules.
- At the April 17, 2018 Technical Panel meeting, the proposed amendments were unanimously voted for consideration to the IESO Board.

Redline Market Rule Amendment

2.1A Station Service

2.1A.1 The ~~registered~~ market participant responsible for registering a ~~facility~~ facility consuming *transmission station service* or *connection station service* shall:

2.1A.1.1 identify to the *IESO* the fraction of the *energy* withdrawn at that *facility* supplied from the *IESO-controlled grid* which is not such *station service*; and

2.1A.1.2 ensure that the consumption of the *energy* referred to in section 2.1A.1.1 is measured by an *RWM* that complies with the requirements of Chapter 6.

2.1A.2 For settlement purposes, *transmission station service* shall be treated as a transmission loss.

2.1A.3 Where *connection station service* is not separately metered by an *RWM*, the *energy* consumption associated with *connection station service* shall be estimated and submitted ~~by the metered market participant designated~~ by the ~~registered~~ market participant responsible for registering the relevant *connection facility* ~~or, in the absence of such a metered market participant, by such registered market participant,~~ in accordance with the equations and procedures described in the applicable *market manuals*, which estimate shall be stamped by a registered professional engineer and shall be subject to audit by the *IESO*.

Next Steps and Implementation

- Sections 2.3.1 and 2.3.2 of Part 3.7 (Totalization) of Market Manual 3 are required to be updated.
- Implementing the connection station service estimate submission in Online IESO from the Market Participant who registers the facility will take some time (expected delivery in 2019).
- In the interim, the IESO will be re-introducing form 1311 with modification to reference the MP instead of MSP.

Next Steps and Implementation



Connection Facility Station Service – Not Metered by an RWM

Please complete and sign this form for each facility.

PART 1 – GENERAL INFORMATION

MSP/MP Name	_____
Organization ID.	_____
Facility Name	_____
Meter Installation Name	_____
Meter Installation ID. No.	_____

PART 2 – STATION SERVICE FACTOR

Station Service Factor Used for Totalization Table Registration (rounded to the nearest kW):	_____
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PART 1 – DECLARATION

The above Station Service factor was calculated in conformance with the IESO's "Market Manual 3: Metering; Part 3.7: Totalization Table Registration". Data used for calculation was gathered from actual equipment characteristics that truly represent the current status of the installation. A detailed calculation is available upon request.

_____	_____
Registered P.Eng. (Print Name)	P.Eng. Signature
_____	_____
P.Eng. Stamp	Date

Next Steps and Implementation

- The IESO will then create the virtual meter point in our systems and trigger update totalization tasks in Online IESO
- MSPs are required to demonstrate agreement on totalization tables.
 - Station service factor indicated on the totalization table must be the same as what is submitted by the Market Participant who registered the facility.
 - Station service allocation between multiple MMPs for the purpose of settlement must illustrate that 100% of the station service factor has been allocated.

Next Steps and Implementation

- As per Section 2.1A.3 of Chapter 9 of the Market Rules, connection station service estimates are subject to audit by the IESO.
- The IESO may begin to audit these estimates once the market rule amendment is implemented.
- A few things we notice:
 - Relatively large jumps in estimates without any equipment modifications – if the equipment consuming station service has not changed, then why is the estimate changing?
 - Very high estimates at stations which also provide transmission services – only the portion of station service consumed by connection facilities should be allocated to MMPs for settlement.

Next Steps and Implementation

- The aforementioned changes are targeted to take effect coincident with the September Baseline update of Market Manual Updates (i.e. revisions to Part 3.7 of Market Manual 3 and revisions to Form 1311)
- Online IESO enhancements are expected to facilitate Market Participant submission of connection station service estimates in 2019.
- Market Participants should contact the IESO if they require assistance submitting connection station service estimates during this transition.