



Market Rule Amendment Submission

This form is used to request an amendment to, or clarification of, the *Market Rules*. Please complete the first four parts of this form and submit the completed form by email or fax to the following:

Email Address: Rule.Amendments@ieso.ca

Fax No.: (416) 506-2847 Attention: Market Rules Group

Subject: Market Rule Amendment Submission

All information submitted in this process will be used by the *IESO* solely in support of its obligations under the *Electricity Act, 1998*, the *Ontario Energy Board Act, 1998*, the *Market Rules* and associated policies, standards and procedures and its license. All submitted information will be assigned the *confidentiality classification* of “Public” upon receipt. You should be aware that the *IESO* will *publish this amendment submission* if the *Technical Panel* determines it warrants consideration and may invite public comment.

Terms and acronyms used in this Form that are italicized have the meanings ascribed thereto in Chapter 11 of the *Market Rules*.

PART 1 – SUBMITTER’S INFORMATION

Please enter contact information in full.	
Name: <u>IESO Staff</u>	
(if applicable) <i>Market Participant / Metering Service Provider</i> No. ¹ : <u>N/A</u>	<i>Market Participant Class</i> : <u>N/A</u>
Telephone: <u>905-855-4128</u>	Fax: <u>905-855-6371</u>
E-mail Address: <u>Rule.amendments@ieso.ca</u>	

PART 2 – MARKET RULE AMENDMENT SUBMISSION INFORMATION

Subject: <u>Renewable Integration Initiative</u>	
Title: <u>Market Rules True-Up</u>	
Nature of Request (please indicate with x)	
<input checked="" type="checkbox"/> Alteration	<input type="checkbox"/> Deletion
<input checked="" type="checkbox"/> Addition	<input type="checkbox"/> Clarification
Chapter: <u>5, 7, 9</u>	Appendix: _____ Sections: <u>Various</u>
Sub-sections proposed for amending/clarifying: _____	

¹ This number is a maximum of 12 characters and does not include any spaces or underscore.

PART 3 – DESCRIPTION OF THE ISSUE

Provide a brief description of the issue and reason for the proposed amendment. If possible, provide a qualitative and quantitative assessment of the impacts of the issue on you and the *IESO-administered markets*. Include the Chapter and Section number of the relevant *market rules*.

Summary

This amendment submission proposes additional changes related to the market schedule, congestion management settlement credits (CMSC) and communications for variable generation dispatch.

Specifically, this amendment will:

Market Schedule and CMSC for Variable Generation:

- When under a release notification, specify the use of a telemetry snapshot of a variable generation facility's actual energy output in the IESO's determination of the market schedule and price during an interval.
- Establish a new formula for CMSC in those dispatch intervals when a variable generation facility is operating under a release notification and when the facility is partially or fully uneconomic in the market schedule.

Communications for Variable Generation Dispatch:

- Obligate variable generators that are registered market participants to provide and maintain, at their own costs, an internet based communication line dedicated to receiving dispatch instructions from the IESO.

This proposal is based on stakeholder consultation as part of SE-91 Renewable Integration.

Further information on SE-91 can be found on the IESO's website at:

http://www.ieso.ca/imoweb/consult/consult_se91.asp

Background

As part of the renewable integration design, the IESO will actively dispatch all variable generation¹ directly connected to the IESO-controlled grid and those embedded variable resources that are registered market participants through the five-minute security constrained economic dispatch.

In anticipation of the dispatch of all variable generators that are registered market participants in September of 2013, the IESO Board has approved the following market rule amendments:

[MR-00381-R02: Dispatching Variable Generation](#)

[MR-00381-R03: Floor Prices for Variable and Nuclear Generation](#)

[MR-00381-R04: Market Schedule and CMSC for Variable Generation](#)

[MR-00381-R05: Tie Breaking for Variable Generation](#)

¹ Market Rules, Chapter 11 Definition: *variable generation* means all wind and solar photovoltaic resources with an installed capacity of 5MW or greater, or all wind and solar photovoltaic resources that are directly connected to the *IESO-controlled grid*.

PART 3 – DESCRIPTION OF THE ISSUE

MR-00381-R06: Publication Requirements: 5-Minute Forecast for Variable Generation

At the time that the market rule amendments under MR-00381 were approved, it was understood that subsequent market rule “true-ups” or additional changes would be required prior to the implementation of the dispatch of variable generators that are registered market participants.

PART 4 – PROPOSAL (BY SUBMITTER)

Provide your proposed amendment. If possible, provide suggested wording of proposed amendment.

This amendment submission proposes additional changes related to the market schedule, CMSC and communication for variable generation dispatch.

PART 5 – FOR IESO USE ONLY

Technical Panel Decision on Rule Amendment Submission: Warrants consideration

MR Number: MR-00402

Date Submitted to *Technical Panel*: March 19, 2013

Accepted by *Technical Panel* as: (please indicate with x)

Date:

General Urgent Minor

March 26, 2013

Criteria for Acceptance: The amendment submission identifies means to better enable the market to satisfy the market design principles of reliability and efficiency when integrating renewable generation.

Priority: High

Criteria for Assigning Priority: The amendments are the last set of “true-up” rules prior to the anticipated implementation of variable generation dispatch in September, 2013.

Not Accepted (please indicate with x):

Clarification/Interpretation Required (please indicate with x):

Technical Panel Minutes Reference: 269-1

Technical Panel Comments: _____