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## Market Rule Amendment Submission

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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 to the following:

Email Address: [Rule.Amendments@ieso.ca](mailto:Rule.Amendments@ieso.ca)

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 licence. 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. <sup>1</sup> : <u>N/A</u>	<i>Market Participant Class</i> : <u>N/A</u>
Telephone: <u>905-403-6983</u>	Fax: <u>n/a</u>
E-mail Address: <a href="mailto:rule.amendments@ieso.ca">rule.amendments@ieso.ca</a>	

### PART 2 – MARKET RULE AMENDMENT SUBMISSION INFORMATION

Subject: <u>Generation Facility Requirements</u>	
Title: <u>Generation Facility Requirements – Voltage Ride Through and Reactive Power</u>	
Nature of Request (please indicate with x)	
<input checked="" type="checkbox"/> Alteration	<input type="checkbox"/> Deletion
<input type="checkbox"/> Addition	<input type="checkbox"/> Clarification
Chapter: <u>4</u>	Appendix: <u>4.2</u> Sections: <u>N/A</u>
Sub-sections proposed for amending/clarifying: <u>N/A</u>	

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<sup>1</sup> 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

The IESO proposes to amend the title of Category 3 in Appendix 4.2 from “Low Voltage Ride Through” to “Voltage Ride Through” to reflect that generation facilities have both low voltage and high voltage ride through requirements. In addition, it is proposed to delete the word “continually” from Category 5 of Appendix 4.2 which will remove unwarranted barriers to market entry for some generating facilities.

#### Background

##### Appendix 4.2: Category 3 “Low Voltage Ride Through” – Removal of the Word “Low”

The Voltage Ride Through category was added when Appendix 4.2 was substantially modified as a result of the passage of the Green Energy Act and incorporated into the market rules as part of [MR-00359-R00: Changes to Facilitate Connection](#). In Category 3, the intention was to require generation facilities to not “trip-off” during switching events on the IESO-controlled grid that resulted in high and low voltages. The adjective “low” was inadvertently added to the category description during the initial market rule development and should be removed. The IESO proposes to amend the title of category 3 to “Voltage Ride Through.”

##### Appendix 4.2: Category 5 “Reactive Power” - Removal of the Word “Continually”

Currently, category 5 of Appendix 4.2 requires the injection or withdrawal of reactive power up to 33% of the rated active power at all levels of active power. Meeting this requirement at the extremities of the active power range for some non-conventional generation is challenging and is a barrier to market entry for these generators.

The IESO proposes to remove the word “continually” from the phrase “except where a lesser continually available capability is permitted by the IESO,” which would give the IESO latitude to remove unwarranted barriers for entry and allow participation of these types of generation, in cases where the IESO has assessed that a lesser requirement is acceptable while maintaining reliability.

### PART 4 – PROPOSAL (BY SUBMITTER)

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

Amend the title of Category 3 in Appendix 4.2 from “Low Voltage Ride Through” to “Voltage Ride Through” to reflect that generation facilities have both low voltage and high voltage ride through requirements. In addition, delete the word “continually” from Category 5 of Appendix 4.2 which will remove unwarranted barriers to market entry for some generating facilities.

**PART 5 – FOR IESO USE ONLY**

<i>Technical Panel Decision on Rule Amendment Submission:</i> <u>Warrants Consideration</u>	
MR Number: <u>MR-00415</u>	
Date Submitted to <i>Technical Panel</i> : <u>January 14, 2015</u>	
Accepted by <i>Technical Panel</i> as: (please indicate with x)	Date:
<input checked="" type="checkbox"/> General <input type="checkbox"/> Urgent <input type="checkbox"/> Minor	<u>January 20, 2014</u>
Criteria for Acceptance: <u>The amendment submission identifies an error or inconsistency within the market rules, as well as identifying a way to simplify the market which will reduce barriers to allow maximum participation.</u>	
Priority: <u>Regular</u>	
Criteria for Assigning Priority: <u>These amendments correct an error or inconsistency in the title of Category of Appendix 4.2 and removes unwarranted barriers to market entry for some generating facilities.</u>	
Not Accepted (please indicate with x): <input type="checkbox"/>	
Clarification/Interpretation Required (please indicate with x): <input type="checkbox"/>	
<i>Technical Panel Minutes Reference:</i> <u>IESOTP 287-1</u>	
<i>Technical Panel Comments:</i> _____	