Market Rule Amendment Proposal Form

Part 1 - Market Rule Information

Identification No.:	MR-00457-R03
Subject:	Market Renewal Program – Resource Related Updates
Title:	Market Renewal Program Interim Alignment – Resource Related Updates
Nature of Proposal:	☒ Alteration ☒ Deletion ☒ Addition
Chapter:	Chapters 1, 2, 3, 4, 5, 6, 7 and 10
Appendix:	2.2, 4.15, 4.19, 4.24, 5.1, 6.1 and 6.2
Sections:	Chapter 1, Sections 4.4A, 4.4B Chapter 2, Sections 4.2, 6.3, 9.1 Appendix 2.2, Section 1.1 Chapter 3, Sections 6.2A, 6.5 Chapter 4, Sections 6.2, 7.3, 7.3A, Chapter 5, Sections 3.5, 3.7, 4.3, 4.4, 4.5, 4.8, 4.9, 4.10, 6.3 Appendix 5.1, Sections 1.1, 1.2, 1.3, Chapter 6, Sections 4.1A, 8.1, 9.3, 10.3, 11.1 Appendix 6.1, Sections 1.2 Appendix 6.2, Sections 1.1A, 1.5 Chapter 7, Sections 2.2, 2.2A, 2.2D, 2.2A, 2.2D, 2.4, 2.5, 3.3, 21.8 Chapter 10, Section 4.3
Sub-sections proposed for amending:	Various
Current Market Rules Baseline:	September 2022

Part 2 - Proposal History

Version	Reason for Issuing	Version Date
1.0	Draft for Stakeholder Review	September 9, 2022
2.0	Draft following stakeholder feedback period	December 20, 2022

Approved Amendment Publication Date:

Approved Amendment Effective Date:

Part 3 - Explanation for Proposed Amendment

Provide a brief description that includes some or all of the following points:

- The reason for the proposed amendment and the impact on the *IESO-administered markets* if the amendment is not made.
- Alternative solutions considered.
- The proposed amendment, how the amendment addresses the above reason and impact of the proposed amendment on the *IESO-administered markets*.

Summary

Insert Text Here

Background

Insert Text Here

Discussion

Insert Text Here

Part 4 Proposed Amendment

Note: Text highlighted in yellow denotes changes made following the stakeholder comment period. Please see Summary of Changes document for descriptions of changes.

Chapter 1

~~4.4A [Intentionally left blank – section deleted]~~

~~4.4B Transitional Scheduling Generator~~[

~~4.4B.1 Participation in the *IESO-administered market* of a *transitional scheduling generator* is temporary and shall expire when its registration is changed pursuant to Chapter 7, section 2.2.23.~~

Chapter 2

4.2 Effect and Term of Order

4.2.5[1] A person to whom a ~~registered~~ *facility* is transferred ~~as contemplated~~ in accordance with ~~by~~ section 2.5 of Chapter 7, shall be deemed to be a *market participant* as of the commencement of the first *trading day* following completion of the transfer and shall expeditiously pursue and complete the conditions precedent to becoming fully authorized as required by this Chapter.

6.3 Certification, Testing and Inspection for Registration of Facilities

6.3.1 Each *market participant* shall, as a condition of obtaining the registration of its *facility* and any associated *resource* or for using a *boundary entity* *resource* ~~as a registered facility~~ pursuant to section 2.2 of Chapter 7 or as a condition of obtaining approval to ~~the aggregation of~~ aggregate ~~*facilities*~~ *resources*:

6.3.1.1 provide the certifications referred to in sections 2.2.3.3 and 2.2.3.4 or in sections 2.3.2.4 and 2.3.2.5 of Chapter 7, as the case may be; and

6.3.1.2 successfully complete the testing and permit the inspection referred to in section 2.2.3.5 or 2.3.2.6 of Chapter 7, as the case may be.

[1] Note concurrent amendment to this section in MR457.R00

---

9. Withdrawal by a Market Participant

9.1.1 Provided that the *market participant* has requested that the *IESO* deregister or transfer any applicable ~~*registered* *facilities*~~ pursuant to section 2.4 or 2.5 of Chapter 7, a *market participant* shall notify the *IESO* in writing if it wishes to cease to be a *market participant*. The notice shall specify the date of the *trading day* upon which the *market participant* intends to cease to participate in the *IESO-administered markets* or to cause or permit electricity to be conveyed into, through or out of the *IESO-controlled grid*. The *trading day* specified shall not be earlier than the *trading day* on which:

9.1.1.1 the last of the *market participant's* applicable ~~*registered* *facilities*~~ is to be deregistered by the *IESO* and, where applicable, *disconnected* from the *IESO-controlled grid*, determined in accordance with section 2.4 of Chapter 7; or

9.1.1.2 the registration of the last of the *market participant's* applicable ~~*registered* *facilities*~~ is to be transferred by the *IESO*, determined in accordance with section 2.5 of Chapter 7.

9.1.4 A *market participant* which has given a notice under section 9.1.1 shall cease to be a *market participant* on the date:

9.1.4.1 specified in the notice referred to in section 9.1.1;

9.1.4.2 on which the last of the *market participant's* applicable ~~*registered* *facilities*~~ is deregistered by the *IESO* and, where applicable, *disconnected* from the *IESO-controlled grid* pursuant to section 2.4 of Chapter 7;

9.1.4.3 on which the registration for the last of the *market participant's* applicable ~~*registered* *facilities*~~ has been transferred by the *IESO* pursuant to section 2.5 of Chapter 7;

9.1.4.4 on which all payments due to be paid by it or to it under the *market rules* have been made; or

9.1.4.5 the *market participant* has no further liability under section 2.5.4 of Chapter 7, whichever is the latest. Any *boundary*

entity *resource* registered ~~authorized~~ to be used by such *market participant* shall no longer be used by that *market participant* ~~be deemed to be de-registered by the *IESO*~~ as of such date.

Appendix 2.2

1.1 Voice Communications

1.1.2 Each *embedded generator* that is not a *market participant* or whose *embedded generation facility* is not associated with any *resources* ~~is not a *registered facility*~~ shall, subject to section 1.1.11, provide and maintain the voice communication facilities referred to in sections 1.1.1.1 to 1.1.1.6, as may be applicable, in respect of each of its *embedded generation facilities* that:

1.1.13 Each *embedded electricity storage participant* that is not a *market participant* or whose *embedded electricity storage facility* is not associated with any *resources* ~~is not a *registered facility*~~ shall, subject to section 1.1.11, provide and maintain the voice communication facilities referred to in sections 1.1.12.1 to 1.1.12.6, as may be applicable, in respect of each of its *embedded electricity storage facilities* that:

Chapter 3

6.2A Persistent Breaches of the Market Rules

6.2A.1 If a *market participant* has breached the *market rules* on a persistent basis, the *IESO* may:

6.2A.1.1 issue that *market participant* a *suspension order* under section 6.3A;

6.2A.1.2 issue that *market participant* a *termination order* under section 6.4; or

6.2A.1.3 deregister some or all of the *market participant's* ~~*registered facilities*~~*facilities* and any associated *resources* under section 6.5.

6.5 De-Registration of a Market Participant's Facilities

6.5.1 The *IESO* may deregister some or all of a *market participant's* ~~*registered facilities*~~ *facilities* and any *associated resources* if the *IESO* has determined under section 6.2A that the *market participant* has persistently breached the *market rules*.

6.5.2 Deregistering some or all of a *market participant's* ~~*registered facilities*~~*facilities* or *resources* terminates all of the rights of the market participant in respect of those ~~*registered facilities*~~*facilities* or *resources*~~*resources*~~ to participate in the *IESO-administered markets* or in respect of those *facilities* or *resources*~~*registered facilities*~~ to cause or permit electricity to be conveyed into, through or out of the *IESO-controlled* grid in respect of those ~~*registered facilities*~~ *facilities* or *resources*.

6.5.3 If the *IESO* deregisters some or all of a *market participant's* ~~registered facilities~~*facilities* or *resources*, it may at the same time issue a *disconnection order* to the relevant *transmitter*, *distributor* and/or other *market participant* to whose *facilities* the *market participant's facilities* which is subject of the deregistration are connected and provide a copy to the *OEB*.

6.5.4 A *market participant* that wishes to re-register ~~*registered facilities*~~*facilities* or *resources* ~~that~~ have been deregistered shall comply with the provisions of section 2 of Chapter 7. The *IESO* may impose any conditions on right of the *market participant* to participate in the *IESO-administered markets* or to cause or permit electricity to be conveyed into, through or out of the *IESO-controlled grid* that the *IESO* determines are appropriate, including the conditions noted in sections 6.3.7.1 to 6.3.7.3.

Chapter 4

6.2 Voluntary Disconnection

6.2.1 A *connected market participant* may *disconnect* from the *IESO-controlled grid* any ~~*registered* facility~~ that has been deregistered in accordance with section 2.4 of Chapter 7 following the completion of all applicable operating and decommissioning procedures referred to in the *connection agreement* applicable to the ~~*registered* facility~~.

7.3 Monitoring Information Provided by Generators to the IESO

7.3.1 Subject to section 7.3.2, in order to permit the *IESO* to direct the operations of the *IESO-controlled grid*, each:

7.3.1.1 *generator* (i) whose *generation facility* is *connected* to the *IESO-controlled grid*, or (ii) that is participating in the *IESO-administered markets*; and

7.3.1.2 *embedded generator* (i) that is not a *market participant* or whose *embedded generation facility* ~~is not a *registered facility* does~~ is not associated with any *resources*; (ii) whose *embedded generation facility* includes a *generation unit* rated at greater than 20 MVA or that comprises *generation units* the ratings of which in the aggregate exceeds 20 MVA; and (iii) that is designated by the *IESO* for the purposes of this section 7.3.1 as being required to provide such data in order to enable the *IESO* to maintain the *reliability* of the *IESO-controlled grid*,

shall provide the *IESO* with the data listed in Appendix 4.15 on a continual basis. Such data shall not be modified by the *generator* and shall be provided:

7.3.1.3 with equipment that meets the requirements set forth in Appendix 2.2 of Chapter 2; and

7.3.1.4 subject to section 7.6A, in accordance with the performance standards set forth in Appendix 4.19.

7.3.2 Section 7.3.1 does not apply to:

7.3.2.1 a *small generation facility*;

7.3.2.2 a *self-scheduling generation facility* that has a name-plate rating of less than 10 MW; or

7.3.2.3 an *intermittent* ~~*generator*~~ *generation resource* ~~or *a transitional scheduling generator*~~ that is comprised solely of a *generation unit* rated at less than 20 MW or of *generation units* the ratings of which in the aggregate is less than 20 MW unless designated by the *IESO* at the time of registration as affecting the *reliability* of the *IESO-controlled grid*.

7.3A Monitoring Information Provided by Electricity Storage Participants to the IESO

7.3A.1 Subject to section 7.3A.2, in order to permit the *IESO* to direct the operations of the *IESO-controlled grid*, each:

7.3A.1.1 *electricity storage participant* (i) whose *electricity storage facility* is *connected* to the *IESO-controlled grid*, or (ii) that is participating in the *IESO-administered markets*; and

7.3A.1.2 *embedded electricity storage participant* (i) that is not a *market participant* or whose *embedded electricity storage facility* is not associated with any *resources*~~is not a *registered facility*~~; (ii) whose *embedded electricity storage facility* includes an *electricity storage unit* with a rated *electricity storage unit size* greater than 20 MVA or that comprises multiple *electricity storage units*, the aggregated *electricity storage unit size* ratings of which exceed 20 MVA; and (iii) that is designated by the *IESO* for the purposes of this section 7.3A.1 as being required to provide such data in order to enable the IESO to maintain the reliability of the *IESO-controlled grid*,

shall provide the *IESO* with the data listed in Appendix 4.24 on a continual basis. Such data shall not be modified by the *electricity storage participant* and shall be provided:

Appendix 4.15 – IESO Monitoring Requirements: Generators

The following information, as a minimum, shall be available on a continual basis to the *IESO* from:

(a) any *generator* (i) whose *generation facility* is connected to the *IESO-controlled grid*, or (ii) that is participating in the *IESO-administered markets*; and

(b) any *embedded generator* (i) that is not a *market participant* or whose *embedded generation facility* ~~is not associated with any *resources*; *registered facility*~~; (ii) whose *embedded generation facility* includes a *generation unit* rated at greater than 20 MVA or that comprises *generation units* the ratings of which in the aggregate exceeds 20 MVA; and (iii) that is designated by the *IESO* for the purposes of section 7.3.1 of this Chapter as being required to provide such data in order to enable the *IESO* to maintain the *reliability* of the *IESO-controlled grid*.

Appendix 4.15 – IESO Monitoring Requirements: Generators

TYPE	INFORMATION REQUIREMENTS
Intermittent ~~and transitional scheduling generator~~ *generation resource*	• if a *major generation facility*, as described above for a *major generation facility* • if a *significant generation facility*, as described above for a *significant generation facility* • if a *minor generation facility*, as described above for a *minor generation facility* if designated by the *IESO* at the time of registration as affecting the *reliability* of the *IESO-controlled grid* • if a *small generation facility*, none

---

Appendix 4.15

4. Equipment Status
   a) Unit mode (i.e. *generator*, condenser, pump) for each *generation unit* capable of different modes of operation.
   b) AGC status for each *generation unit* associated with a *resource* that provides~~ing~~ *regulation*.

Appendix 4.19– IESO Monitoring Requirements: Generator Performance Standards

FUNCTION	*Major generation facility* or *significant generation facility* (High Performance)	*Minor generation facility* and *intermittent* ~~generator~~ *generation resource* ~~or transitional scheduling generator~~ designated pursuant to section 7.3.2.3 (Medium Performance)	*Small generation facility*

Appendix 4.24 - IESO Monitoring Requirements: Electricity Storage Participants

The following information, as a minimum, shall be available on a continual basis to the *IESO* from:

(a) any *electricity storage participant* (i) whose *electricity storage facility* is connected to the *IESO-controlled grid*, or (ii) that is participating in the *IESO-administered markets*; and

(b) any *embedded electricity storage participant* (i) that is not a *market participant* or whose *embedded electricity storage facility* ~~is~~ is not associated with any *resources*; ~~is not a registered facility~~; (ii) whose *embedded electricity storage facility* includes an *electricity storage unit* with an *electricity storage unit* size rated at greater than 20 MVA or that comprises multiple *electricity storage units*, the aggregated *electricity storage unit size* ratings of which exceeds 20 MVA; and (iii) that is designated by the *IESO* for the purposes of section 7.3.1 of this Chapter as being required to provide such data in order to enable the *IESO* to maintain the *reliability* of the *IESO-controlled grid*.

Appendix 4.24 - IESO Monitoring Requirements: Electricity Storage Participants

6. Equipment Status

a) Voltage Control status and stabilizer status (if applicable) for each *electricity storage uni*t with an *electricity storage unit* size > 100 MVA. When applicable, stabilizer status reporting is only required if it can be switched off by *electricity storage par*ticipant personnel remotely or at the *facility*.

b) AGC status for each *electricity storage unit* associated with a *resource* that provides~~ing~~ regulation.

Chapter 5

3.5 Obligations of Wholesale Customers

3.5.2 Each *wholesale consumer* that is an *embedded market participant* ~~and that operates a *registered facility* that is not directly *connected* to the *IESO-controlled grid*~~ shall provide, no later than 14:00 EST on the last *trading day* of every second *trading week*, or more frequently if requested by the *IESO*, the following information:

3.5.2.1 the timing and duration of any *planned outage*, closure, test or other similar operational event scheduled to commence or occur in the immediately succeeding four *trading weeks*, or during such longer period as may be requested by the *IESO*, in respect of any *resource* associated with an *embedded load facility* ~~such *registered facility*~~*resource*, where such *planned outage*, closure, test or other similar operational event is expected to result in a change in *demand* of 20 MW or more relative to the average weekday *demand* of that ~~*registered facility*~~*resource*; and

3.5.2.2 the timing and duration of any *planned outage*, closure, test or other similar operational event scheduled to commence or occur in the immediately succeeding four *trading weeks*, or during such longer period as may be requested by the *IESO*, in respect of such ~~*registered facility*~~*resource* that has been specifically designated by the *IESO* for this purpose.

3.7 Obligations of Distributors

3.7.1 Each *distributor* shall operate and maintain its distribution *facilities* and equipment in a manner that is consistent with the *reliable* operation of

the *IESO-controlled grid* and shall assist the *IESO* in the discharge of its responsibilities relating to *reliability*. Such obligation shall include, but not be limited to, the following:

3.7.1.6 providing, no later than 14:00 EST on the last *trading day* of every second *trading week*, or more frequently if requested by the *IESO*, the following information:

a. the timing and duration of any *planned outage*, closure, test or other event scheduled to commence or occur in the immediately succeeding four *trading weeks*, or during such longer period as may be requested by the *IESO*, in respect of any portion of a *facility* that is not associated with a *resource*, ~~which is not a *registered facility*~~ that draws electrical *energy* from or injects electrical *energy* into its *distribution system*, where such *planned outage*, closure, test or other event is expected to result in a change in *demand* or supply by that *facility* of 20 MW or more relative to the average weekday demand or supply of that *facility*; and

b. the timing and duration of any *planned outage*, closure, test or other event scheduled to commence or occur in the immediately succeeding four *trading weeks*, or during such longer period as may be requested by the *IESO*, in respect of any portion of a *facility* that is not associated with a *resource*, ~~which is not a *registered facility*~~ that draws electrical *energy* from or injects electrical *energy* into its *distribution system* and that has been specifically designated by the *IESO* for this purpose, where such *planned outage*, closure, test or other event is expected to result in a change in *demand* or supply by such *facility* relative to the average weekday *demand* or supply of that *facility*; ~~and~~

~~3.7.1.7 [Intentionally left blank]~~

4.3 Generic Performance Requirements for Ancillary Services

4.3.1 *Ancillary services* may be provided to the *IESO* only by ~~*registered facilities*~~ or *resources* ~~(and their associated *resources*, if applicable)~~ in

accordance with ~~as required by~~ Chapter 7. *Ancillary services* may be offered to the *IESO* in its daily and hourly *physical markets* or provided to the *IESO* under *contracted ancillary service* contracts through the *IESO's ancillary services procurement markets* or by means or within the scope of *operating agreements* or another agreement of a similar nature. Prior to entering into a contract with any *ancillary service provider*, the *IESO* shall determine whether the *facilities* and procedures of such *ancillary service provider* meet the applicable requirements for registration ~~as a *registered facility*~~ in respect of the *ancillary service(s)* to be provided and are otherwise in compliance with the technical requirements of this Chapter. The *IESO* shall not contract for *ancillary services* with an *ancillary services provider* whose *facilities* are not in compliance with such requirements.

4.3.2 In order to make the determination referred to in section 4.3.1, the *IESO* may require each *ancillary service provider* to demonstrate through physical tests or other appropriate means specified by the *IESO* that the ~~*registered* facilities~~, ~~or~~ equipment, or their associated *resources*, as the case may be, that will be used to provide the *ancillary service* meet the performance standards for each *ancillary service* set forth in Appendix 5.1 or in the applicable *market manual*.

4.4 Regulation

4.4.4 *Area control error (ACE)* shall be calculated by the *IESO* in accordance with section 4.4.5 and all applicable *reliability standards*. Control signals shall be sent from the *IESO* to ~~*registered facilities*~~ *resources* providing *regulation*, as required by the *IESO*.

4.5 Operating Reserve

4.5.1 *Operating reserve* is capacity that, for any given operating interval or *dispatch interval*, is in excess to that required to meet anticipated requirements for *energy* for that operating interval or *dispatch interval*, and is available to the *integrated power system* for *dispatch* by the *IESO* within a specified time period, such as 10 minutes or 30 minutes. *Operating reserves* may be provided by *generation* ~~*facilities*~~*resources*, ~~dispatchable~~ *electricity storage* ~~*facilities*~~*resources*, *dispatchable loads* and *boundary entity resources*~~ies~~ to the extent that each meets the applicable requirements to be a ~~*registered facility*~~*resource* in respect of each category of *operating reserves*. Neighbouring *control areas* may

also provide *operating reserve* through simultaneous activation of *operating reserve* and regional reserve sharing programs. *Operating reserve* is required to:

Ten-Minute Operating Reserve

4.5.12 A ~~*registered facility*~~*boundary entity resource* ~~that is a boundary entity~~ that is used as *ten-minute operating reserve* shall be treated as *operating reserve* that is non-synchronized with the *IESO-controlled grid*.

4.8 Reliability Must-Run Resources

4.8.1[2] The *IESO* may need to call on specific ~~*registered facilities*~~*resources*, excluding *non-dispatchable load* ~~-~~ *facilities*, to maintain the *reliability* of the *IESO-controlled grid* whenever sufficient ~~resources~~ *resources* for the provision of *physical services*, other than *contracted ancillary services*, are not otherwise offered in the *IESO-administered markets*. Such applicable ~~*registered facilities*~~*resources* are referred to as *reliability must-run resources* and shall be procured either through *reliability must-run contracts* in accordance with this section 4.8 and sections 9.6 and 9.7 of Chapter 7 or by means of the process for directing the submission of *dispatch data* referred to in sections 3.3.10 to 3.3.17 of Chapter 7.

4.9 Auditing and Testing of Ancillary Services

4.9.1 The *IESO* shall test *facilities* that will or do provide *ancillary services* to the *IESO-controlled grid.* The *IESO* shall use such tests to determine whether to register each *facility* as one or more *resources* ~~a *registered facility*~~ for the provision of *ancillary services* and to ensure that each applicable ~~*registered*~~ *facility* or *resource* continues to meet the requirements for registration to provide the relevant *ancillary services.*

~~4.9.1.1 [Intentionally left blank]~~

~~4.9.1.2 [Intentionally left blank]~~

[2] Note concurrent amendment being proposed in MR-00457-R01

4.9.2 Tests of the *facilities* or *resources* ~~or *registered facilities*~~ of *ancillary service providers* or of prospective *ancillary service providers* referred to in section 4.9.1 shall include, but not be limited to, testing in the manner set forth in this section 4.9.2, to determine whether the *ancillary service provider* can supply the *ancillary services* which it wishes to supply or has contracted or been registered to supply:

4.9.2.1 the *IESO* may test the synchronized *ten-minute operating reserve* capability of a *generation facility,* *load facility* associated with a *dispatchable load* or an *electricity storage facility* by issuing unannounced *dispatch instructions* requiring the associated *resource* ~~*generation facility, dispatchable load or electricity storage facility*~~ to ramp up or reduce demand, in either case to its ten-minute capability;

4.9.2.2 the *IESO* may test the non-synchronized *ten-minute operating reserve* capability of a *generation facility, electricity storage facility* or *load facility* associated with a *dispatchable load* by issuing unannounced *dispatch instructions* requiring the associated *resource* ~~*generation facility, electricity storage facility* or *dispatchable load*~~ to come on line and ramp up or to reduce *demand*, in either case to its ten-minute capability;

4.9.2.3 the *IESO* may test the *thirty-minute operating reserve* capability of a *generation facility, electricity storage facility* or *load facility* associated with a *dispatchable load* by issuing unannounced *dispatch instructions* requiring the associated *resource* ~~*generation facility, electricity storage facility* or *dispatchable load*~~ to come on line and ramp up or to reduce *demand*, in either case to its thirty-minute capability;

4.9.2.4 a *certified black start facility* must perform tests on auxiliary and control equipment and alternate sources of power in accordance with and using the testing criteria and testing frequency requirements specified in the *Ontario power system restoration plan*;

4.9.2.4A a *certified black start facility* must pass the tests required for *certified black start facilities* in accordance with and using the testing criteria specified in the *Ontario power system restoration plan*;

4.9.2.4B the *IESO* may direct line energization tests of a *certified black start facility* to determine whether the *certified black start*

facility can energize a transmission path specified by the *IESO*;

4.9.2.5 the *IESO* may test the *reactive support and voltage control* that has been contracted from a ~~*registered* *facility*~~ that is a *generation facility* or *electricity storage facility* by issuing unannounced *dispatch instructions* requiring the ~~*generation facility* or *electricity storage facility*~~associated *resource* to provide such support within its contracted capability; and

4.9.2.6 the *IESO* shall at least annually test a ~~*registered facility*~~ *resource* providing *regulation* for compliance with the performance standards referred to in sections 1.1.3 and 1.1.4 of Appendix 5.1 in accordance with the testing procedures specified in the applicable *contracted ancillary services* contract.

4.10 Consequences of Failure to Pass a Test

4.10.1 If an *ancillary service provider's* ~~*registered* *facility*~~ or *resource* fails a test performed pursuant to section 4.9.1 or 4.9.2 in respect of an *ancillary service*, the *IESO* shall not schedule such *ancillary service*~~*s*~~ from such ~~*registered* *facility*~~ or *resource* until the *ancillary service provider* demonstrates that it can provide the relevant *ancillary service*.

4.10.2 Without prejudice to the application of section 4.10.1, an *ancillary service provider* whose ~~*registered* *facility*~~ or *resource* fails a test performed pursuant to section 4.9.1 or 4.9.2:

Replacement Energy to Support Planned Outages

6.3.7 The *generator* or *electricity storage participant* shall provide the following information to the *IESO* when in accordance with section 6.3.6 it either submits a *planned outage* request or requests the extension to or resubmission of an *outage*:

6.3.7.1 Subject to the approval of the *IESO*, the *intertie* zone or zones through which the replacement *energy* is intended to be scheduled; and,

6.3.7.2 The *registered market participant* associated with a ~~*registered facility* that is a~~ *boundary entity* *resource* ~~*boundary entity*~~ that shall submit the *offers* and, pursuant to section 7.5.8A of Chapter 7, schedule the replacement *energy* if *dispatched* by the *IESO.*

6.3.10 If the *registered market participant* associated with a *boundary entity resource* ~~*registered facility* that is a *boundary entity*~~ referred to in section 6.3.7.2 fails to submit *offers* for the replacement *energy,* that have been arranged by the *generator* or *electricity storage participant*, the *generator* or *electricity storage participant* shall be subject to the financial penalties calculated in accordance with the provisions of section 6.6.8 of Chapter 3.

Appendix 5.1

1.1 Regulation

1.1.1 A ~~*registered facility*~~ *market participant* whose *resource* is providing *regulation* shall submit to the energy management system referred to in section 12 of Chapter 5 the monitoring and control information required to be provided pursuant to Chapter 4.

1.1.2 The telemetering between the energy management system referred to in section 12 of Chapter 5 and a ~~*registered facility*~~*resource* providing *regulation* shall indicate:

1.1.2.1 whether the ~~*registered facility*~~*resource* is synchronized to the *IESO-controlled grid,* connected to a *distribution system,* or connected to another *market participant's facility*;

1.1.2.2 whether the ~~*registered facility*~~*resource* is providing *regulation* or not; and

1.1.2.3 the net injection or withdrawal of the ~~*registered facility* as a whole~~*resource*.

1.1.3 A ~~*registered facility*~~*resource* providing *regulation* must achieve at least the ramp rate specified in its *contracted ancillary services* contract for the full amount of *regulation* capacity offered in such contract.

1.1.4 A ~~*registered facility*~~*resource* providing *regulation* must be able to adjust its output or consumption at least at the ramp rate specified in its *contracted ancillary services* contract to the maximum and minimum values specified in such contract.

1.1.5 No ~~*registered facility*~~*market participant* shall offer for a *resource* to provide *regulation* capacity that exceeds an amount equal to the ~~*registered facility*~~*resource's* maximum ramp rate multiplied by ten minutes.

1.1.6 A ~~*registered facility*~~*resource* providing *regulation* must be capable of receiving control signals sent from the *IESO* at the rate of at least one signal every two seconds. If the *regulation* control signals are received by a control centre, the control centre must forward these signals to the ~~*registered facility*~~*resource* providing *regulation* within two seconds of having received the signal from the *IESO*.

1.1.7 All ~~*registered*~~ *facilities* associated with *resources* providing *regulation* must meet, at a minimum, the performance requirements for off-nominal frequency, speed/frequency regulation and voltage ride through specified in Appendix 4.2. For greater certainty, the foregoing obligation applies to all ~~*registered facilities*~~such *facilities* providing *regulation*, regardless of size, technology or connection location.

1.2 Operating Reserve

Ten-Minute Operating Reserve

1.2.1 An *ancillary service provider* offering *ten-minute operating reserve* shall ensure that ~~the registered facility, or registered facilities~~each *resource*~~,~~ that it has scheduled to *provide ten-minute operating reserve* is available for *dispatch* as scheduled.

Thirty-Minute Operating Reserve

1.2.4 An *ancillary service provider* offering *thirty-minute operating reserve* shall ensure that ~~the registered facility, or registered facilities~~each *resource*~~,~~ that it has scheduled to provide *thirty-minute operating reserve* is available for *dispatch* as scheduled.

1.3 Reactive Support and Voltage Control – Generation Facilities and Electricity Storage Facilities

1.3.1 All ~~registered~~ *facilities* associated with a *generation unit* or an *electricity storage unit* that provides ~~that are generation facilities or electricity storage facilities providing~~ reactive support service and *voltage control service* must be capable of meeting the requirements specified in Chapter 4.

1.3.2 Subject to section 1.3.6, *automatic voltage regulators* shall be in service and in automatic mode as indicated in Chapter 4 unless the *generation unit* or *electricity storage unit* ~~*registered* facility that is a *generation facility* or *electricity storage facility*~~ is specifically directed by the *IESO* to operate the *AVRs* in manual mode.

1.3.3 Subject to section 1.3.4, ~~*registered* facilities that are *generation facilities*~~ *units* or *electricity storage* ~~*facilities*~~ *units* providing *reactive support service* and *voltage control service* shall be operated to within the standard power factor range described in Appendix 4.2 of Chapter 4.

1.3.4 The *IESO* may direct a ~~*registered facility* that is a *generation facility*~~ *unit* providing *reactive support service* and *voltage control service* to operate in an under- or over-excited state for a certain period of time in order to maintain prescribed voltages on the *IESO-controlled grid*. Such direction may require ~~such *registered facility*~~the *generation unit* to operate in ~~the~~ condense mode or to reduce active power output in order to increase its ability to provide reactive power.

1.3.4A The *IESO* may direct ~~a *registered facility* that is~~ an *electricity storage* ~~*facility*~~*unit* ~~-~~ to provide *reactive support service* and *voltage control service* to absorb reactive power or inject reactive power for a certain period of time in order to maintain the prescribed voltages on the *IESO-controlled grid*. If applicable and required, the *IESO* may direct such ~~*registered facility*~~the *electricity storage unit* to reduce the withdrawal or injection of active power in order to increase its ability to provide reactive power.

1.3.5 Unless otherwise specified by the *IESO*, each *generation unit* or *electricity storage unit* ~~registered facility that is a generation facility or electricity storage facility~~ providing reactive support service and *voltage control service* shall respond to voltage or reactive power schedules immediately following receipt of the *IESO's* request. Where the *generation unit* or *electricity storage unit* ~~such registered facility~~

cannot be *dispatched* as directed by the *IESO*, the ancillary service provider shall immediately provide the *IESO* with notice to this effect.

1.3.6 Each ancillary service provider shall:

1.3.6.1 notify the *IESO* immediately upon the *forced outage* of the *AVR* at its *generation unit* or *electricity storage unit*~~*registered facility* that is a *generation facility* or *electricity storage facility*~~ being forced out of service; or

1.3.6.2 for *planned outages,* prior to the *AVR* being removed from its *generation unit* or *electricity storage unit*~~*registered facility* that is a *generation facility* or *electricity storage facility*~~ for maintenance, follow the procedures outlined in section 6.

1.3.7 Following a *contingency event*, each *generation unit* or *electricity storage unit*~~*registered facility* that is a *generation facility* or an *electricity storage facility*~~ shall automatically respond to provide or absorb the reactive power in accordance with ~~the~~ its established maximum and minimum reactive power capabilities ~~of such *registered facility*~~. Each *ancillary service provider* shall immediately notify the *IESO* whenever its *generation unit* or *electricity storage unit* ~~*registered facility* that is a *generation facility* or an *electricity storage facility*~~ cannot perform to ~~the~~ its established maximum and minimum reactive power capabilities ~~of such *registered facility*~~.

Chapter 6

4.1A Metering Installations for Segregated Mode of Operation

4.1A.1 Subject to section 4.4, no *metered market participant* may operate a ~~*registered facility*~~ *resource* in a *segregated mode of operation* unless the metering installation for that ~~registered~~ *facility* generates *metering data* that reads zero, or is capable of such adjustment as may be required to ensure that such *metering data* reads zero, when the ~~*registered facility*~~ *resource* is operating in a *segregated mode of operation*.

---

8. Ownership of and Rights of Access to Data

8.1.5 Each *metered market participant* shall ensure that the persons entitled to have either direct or remote access to *metering data* recorded in a *metering installation* in respect of which it is the *metered market participant* are limited to the following:

8.1.5.3 the *transmitter* or *distributor* to whose system the ~~*registered facility*~~ in respect of the *metering installation* is connected;

9.3 Changes to Metering Equipment, Parameters and Settings

9.3.2A An adjustment required to be made to a *metering installation* to enable it to generate *metering data* that reads zero while the *generation resource* associated with the *facility* ~~*registered facility*~~ to which such *metering installation* relates is operating in a *segregated mode of operation* shall:

9.3.2A.1 be deemed not to be a change to equipment, parameters or settings for the purposes of sections 9.3.1 and 9.3.2 and of section 1.3.2.22 of Appendix 6.1; and

9.3.2A.2 shall be effected while at all times maintaining the security of the *metering installation* in accordance with the requirements pertaining to the security of *metering installations* set forth in this Chapter and in any policy or standard established by the *IESO* pursuant to this Chapter.

10.3 Periodic Energy Metering

10.3.1 Subject to section 10.3.2, *metering data* relating to the amount of active *energy* and, where relevant, reactive *energy* passing through a *metering installation* shall be collated by *dispatch intervals*.

10.3.2[3] *Metering data* may be collated into 5 or 15 minute intervals by a *metering installation* that was in service on the date of coming into force of this section 10.3.2 and that is used in respect of a *non-dispatchable load* ~~*facility*~~, a *self-scheduling generation* *resource* associated with a *self-scheduling generation facility* ~~*facility*~~ with a name-plate rating of less than 10 MW, ~~*a transitional scheduling generator*~~ or an *intermittent* ~~*generator*~~*generation resource*.

---

11. Performance of Metering Installation

11.1.6 Where the *IESO* becomes aware that *metering data* ~~from a *metering installation*~~ reads other than zero in respect of a time during which the *generation resource* associated with the *facility* ~~*resource* accociated with the *metering data's delivery point* *registered facility*~~ to which such *metering installation* relates was operating in a *segregated mode of operation,* the *IESO* shall for *settlement* purposes deem such *metering data* to have read zero during such time.

Appendix 6.1

1.2 Obligations of Metered Market Participants

1.2.1 Each *metered market participant* shall:

1.2.1.7 ensure that, when a ~~*registered facility*~~*resource* to which a *metering installation* in respect of which it is the *metered market participant* relates is operating in a *segregated mode of operation*, the *metering installation* generates *metering data* that reads zero for the period of time during which such ~~*registered facility*~~*resource* operated in a *segregated mode of operation*.

Appendix 6.2

[3] Note concurrent amendment in MR-00457-R01.

1.1A Metering Installation Not Comprised of Two Meters

1.1A.1 Each *metering installation* for which registration is being sought under Chapter 6, section 4.4.2 that does not comply with the dual *meter* requirement referred to in section 4.1.1.2 of Chapter 6 shall meet the following conditions:

1.1A.1.1 the *meter* within the *metering installation* is one in respect of which Measurement Canada has granted approval of type;

1.1A.1.2 a person that is an accredited meter verifier within the meaning of the *Electricity and Gas Inspection Act* (Canada) has verified and sealed the *meter* within the *metering installation*;

1.1A.1.3 the seal period for the *meter*, including the seal period for the *data logger* if sealed separately from the remainder of the *meter*, within the *metering installation* has not expired;

1.1A.1.4 the *metering installation* shall, subject to section 1.1A.1.5, be capable of collating *metering data* into *dispatch intervals*;

1.1A.1.5[4] the *metering installation* shall, if used in respect of a *non-dispatchable load facility*, a *self-scheduling generation facility* with a name-plate rating of less than 10 MW, a *self-scheduling electricity storage facility* with an *electricity storage facility size* of less than 10 MW, ~~a *transitional scheduling generator*~~ or an *intermittent* ~~*generator*~~*generation resource*, be capable of collating *metering data* into 5 or 15 minute intervals; and

1.1A.1.6 the *meter* contained in the *metering installation* shall be capable of time synchronization by the *IESO* to eastern standard time.

1.5 Functional Requirements

1.5.1 Each *metering installation* for which registration is being sought under Chapter 6, section 4.4.2 that does not comply with the functional requirements set forth in this Chapter and in any policy or standard

[4] Note concurrent amendment in MR-00457-R01

established by the *IESO* pursuant to this Chapter shall meet the following conditions:

1.5.1.1 the *meters* within the *metering installation* are ones in respect of which Measurement Canada has granted approval of type;

1.5.1.2 a person that is an accredited meter verifier within the meaning of the *Electricity and Gas Inspection Act* (Canada) has verified and sealed the *meters* within the *metering installation*;

1.5.1.3 the seal periods for the *meters* within the *metering installation* have not expired;

1.5.1.4 the *metering installation* shall, subject to section 1.5.1.5, be capable of collating *metering data* into *dispatch intervals*;

1.5.1.5[5] the *metering installation* shall, if used in respect of a *non-dispatchable load facility*, a *self-scheduling generation facility with* a name-plate rating of less than 10 MW*,* a *self-scheduling electricity storage facility* with an *electricity storage facility size* of less than 10 MW*,* ~~a *transitional scheduling generator* or~~ an *intermittent* ~~*generator*~~*generation resource*, be capable of collating *metering data* into 5 or 15 minute intervals; and

---

Chapter 7

2.2.9 A *market participant* may request to register as a *self-scheduling generation facility* ~~and any associated resources~~ any *generation facility*:

2.2.9.1 that has a name-plate rating of individual components of equipment that collectively adds up to 1 MW or more but is less than 10 MW;

2.2.9.2 that is a *commissioning generation facility* of any name-plate rating and that is sought to be registered pursuant to section 2.2A.1; or

[5] Note concurrent amendment in MR-00457-R01

2.2.9.3 that is a *cogeneration facility* or *enhanced combined cycle facility* that has a name plate rating of individual components of equipment that collectively adds up to 10 MW or more provided that the *IESO* determines that there are no adverse impacts on the *reliable* operation of the *IESO-controlled grid* of the *facility* being registered as a *self-scheduling generation facility*.

2.2.11 The *IESO* shall approve a request for registration as a *self-scheduling generation facility* ~~and any associated *resources*~~ or a *self-scheduling electricity storage facility* if the information required by this section 2.2 is provided and the *IESO* determines that *self-scheduling* of the *facility* and any associated *resources* will not have a material adverse effect on power system *security*.

2.2.13 A *market participant* may apply to register a *generation facility* associated with an~~n~~ *intermittent* ~~*generator*~~ *generation resource* if it has a name-plate rating of not less than 1 MW.

2.2.14 A *generation facility* associated with an *intermittent* ~~*generator*~~ *generation resource* ~~and any associated *resources*~~ may not be registered to provide any physical service other than energy and reactive support service and voltage control service.

2.2.15 The *IESO* shall approve a request ~~for~~ under section 2.2.13 ~~registration as an *intermittent generator*~~ if the information required by this section 2.2 is provided and the *IESO* determines that intermittent operation of the ~~*facility*~~ *resource* will not have a material adverse impact on power system *security*.

2.2.16 An *intermittent generator* whose request for *facility* registration has been approved by the *IESO* is a *facility* with associated *resources* registered by the *IESO*~~.~~.

2.2.17 For the purposes of this Chapter, a *distribution system* connected to the *IESO-controlled grid* must be a *facility* that is registered by the *IESO*.

2.2.18 The *IESO* shall develop procedures and requirements for registering a *distribution system*. Such procedures shall include, but not be limited to, the certifications referred to in sections 2.2.3.3 and 2.2.3.4 and the testing and inspection referred to in section 2.2.3.5.

~~2.2.19 A *market participant* may request to register a *transitional scheduling generator* if it has a nameplate rating of not less than 1MW.~~

~~2.2.20 A transitional scheduling generator may be registered:~~

~~to provide energy and reactive support service and voltage control service and~~

~~as a certified black start facility.~~

~~2.2.21 The *IESO* shall approve a request for registration as a *transitional scheduling generator* and its associated *resources* if the information required by this section 2.2 is provided, and the *generator* and its associated *resources* are under contract with *OEFC* and will participate in the *day-ahead market* and *real-time market* for *energy*.~~

~~2.2.22 A *transitional scheduling generator* whose request for *facility* registration has been approved by the *IESO* is a *facility* with associated *resources* registered by the *IESO*.~~

~~2.2.23 Within one month of the coming into effect of the amendments to the contract with *OEFC* required as a result of electricity industry restructuring in Ontario in respect of a *transitional scheduling generator*, the *registered market participant* for the *transitional scheduling generator* shall change registration for the applicable *generation facility* to one of the other *generation facility* registrations.~~

~~2.2.24 [Intentionally left blank – section deleted]~~

2.2.~~25~~ 19 A *market participant* for a *load resource* may request to change its ~~classification~~ *resource* type as either a *dispatchable load*, *non-dispatchable load*, or *price responsive load* as follows:

2.2.~~25~~19.1 a request to change from a *non-dispatchable load* to a *dispatchable load* shall be submitted at least six months prior to the effective date of the change;

2.2.~~25~~19.2 a request to change from a *non-dispatchable load* to a *price responsive load* shall be submitted at least one month prior to the effective date of the change; and

2.2.~~25~~19.3 a request to change from a *dispatchable load* or *price responsive load* to a *non-dispatchable load* shall be submitted at least seven *business days* prior to the effective date of the change.

2.2.~~26~~ 20 Once the change to a *non-dispatchable load* takes effect in accordance with subsection 2.2.25.3, the *market participant* shall not

change its ~~classification~~ *resource* type back to a *dispatchable load* or a *price responsive load* in accordance with subsections 2.2.25.1 or 2.2.25.2, as the case may be, for at least 12 months from the effective date of the change.

2.2.~~27~~ 21 A *registered market participant* for a *generation resource* shall be eligible for the real-time generator offer guarantee or day-ahead generator offer guarantee if, as part of the registration process under this section 2.2, the *market participant* provides the *resource* specific information as further specified in Chapter 9.

2.2A.2 The *IESO* shall approve an application for *facility* registration of a *commissioning generation facility* as a *self-scheduling generation facility* if it is satisfied that the requirements of section 2.2 have been met. Any such registration shall expire upon completion by the *commissioning generation* ~~*unit*~~ *facility* of the final commissioning test submitted to and approved by the *IESO* pursuant to section 2.2A.4.

2.2D.2 The *IESO* shall approve an application for *facility* registration of a *commissioning electricity storage facility* as a *self-scheduling electricity storage facility* if it is satisfied that the requirements of section 2.2 have been met. Any such registration shall expire upon completion by the *commissioning electricity storage* ~~*unit*~~ *facility* of the final commissioning test submitted to and approved by the *IESO* pursuant to section 2.2D.4.

2.2A.6 Except as otherwise provided in this section 2.2A, where a *commissioning generation facility* has been registered by the *IESO* pursuant to section 2.2A.2, the *IESO* shall, while such registration is in effect, treat the *commissioning generation facility* as one or more ~~a~~ *self-scheduling generation* ~~*facility*~~ *resources* for all purposes under these *market rules* including, but not limited to, the submission of *dispatch data* and *settlement*.

2.2D.6 Except as otherwise provided in this section 2.2D, where a *commissioning electricity storage facility* has been registered by the *IESO* pursuant to section 2.2D.2, the *IESO* shall, while such

registration is in effect, treat the *commissioning electricity storage facility* as one or more ~~a~~ *self-scheduling electricity storage ~~facility~~ resources* for all purposes under these *market rules* including, but not limited to, the submission of *dispatch data* and *settlement*.

2.4 Deregistration of Facilities

2.4.1 A *market participant* that wishes to deregister a ~~*registered facility*~~ and any associated *resources* that have been registered in accordance with this section 2, other than a *boundary entity resource*, which is being removed from service shall file with the *IESO* a notice of request to deregister in such form as may be specified by the *IESO;* provided, however, that a *market participant* shall not be entitled to file such a notice if it is no longer the beneficial owner of the ~~*registered facility*~~.

2.4.2 Within ten *business days* of the date of receipt of the notice referred to in section 2.4.1, the *IESO* shall notify the *market participant* and the *transmitter* to whose *transmission system* the ~~*registered facility*~~ is *connected* as to whether the *IESO* requires a technical assessment of the impact of the removal from service of the *registered facility* on the *reliability* of the *IESO-controlled grid* and, if so, of the expected date of completion of such assessment. Such date shall not be more than 45 days from the date of issuance by the *IESO* of such notice or such later date as may be agreed between the *IESO* and the *market participant*.

2.4.3 Where the notice issued by the *IESO* pursuant to section 2.4.2 indicates that the *IESO* does not require a technical assessment or where the *IESO* conducts a technical assessment and concludes the removal from service of the ~~*registered facility*~~ will not or is not likely to have an unacceptable impact on the *reliability* of the *IESO-controlled grid*, the *market participant* shall file with the *IESO* a notice setting forth the date upon which the *market participant* wishes the *IESO* to deregister the ~~*registered facility*~~. Such date shall not be less than five *business days* from the date of receipt by the *market participant* of the notice issued by the *IESO* pursuant to section 2.4.2 and, as applicable, shall be subject to the date on which the ~~*registered facility*~~ has been *disconnected* as confirmed by the relevant *transmitter* to the *IESO*.

2.4.4 Where section 2.4.3 applies, the *IESO* shall:

2.4.4.1 if the ~~*registered facility*~~ is not *connected* to the *IESO-controlled grid*, deregister the ~~*registered facility*~~ promptly

upon completion of the technical assessment if applicable, or as of the date specified in the notice filed by the *market participant* pursuant to section 2.4.3, whichever is the later, and shall so notify the *market participant*, the *metering service provider* for the *metering installation* that relates to the *registered facility,* and any *market participant* within which the *registered facility* is embedded; or

2.4.4.2 if the ~~*registered facility*~~ is connected to the *IESO-controlled grid*:

a. issue to the relevant *transmitter* a *disconnection order* directing the relevant *transmitter* to *disconnect* the ~~*registered facility*~~ from the *IESO-controlled grid* on the date specified in the *disconnection order* which shall be no earlier than the date specified in the notice filed by the *market participant* pursuant to section 2.4.3; and

b. deregister the ~~*registered facility*~~ as of the date on which the relevant *transmitter* confirms to the *IESO* that the ~~*registered facility*~~ has been *disconnected* from the *IESO-controlled grid*.

and shall notify the *market participant* accordingly.

2.4.5 Where the *IESO* conducts the technical assessment referred to in section 2.4.2 and concludes that the removal from service of the ~~*registered facility*~~ will or is likely to have an unacceptable impact on the *reliability* of the *IESO-controlled grid,* the *IESO* and the *market participant* shall commence the process described in sections 9.6 and 9.7 and in section 4.8 of Chapter 5 with a view to concluding a *reliability must-run contract* for that ~~*registered facility*~~. The ~~*registered facility*~~ shall not be removed from service during the course of such process.

2.4.7 A *transmitter* that receives a *disconnection order* from the *IESO* pursuant to section 2.4.4.2(a) shall:

2.4.7.1 subject only to section 3.4.1.5 of Chapter 5 and to the completion of any operating and decommissioning procedures contemplated in the *connection agreement* applicable to the ~~*registered facility*~~, *disconnect* the ~~*registered facility*~~ from the *IESO-controlled grid* on the date and at the time specified in the *disconnection order*; and

2.4.7.2 promptly inform the *IESO* once the ~~*registered facility*~~ has been *disconnected* from the *IESO-controlled grid.*

Planned Retirements of Generation and Electricity Storage Facilities

2.4.8 Each *generator* shall provide the *IESO* not less than six months advance notice of the commencement of the planned retirement of any one of its *generation facilities* and any associated *resources* that have been registered in accordance with this section 2, ~~that are *registered facilities*~~, including notification of any plans the *generator* may have to construct replacement *facilities* for those being retired.

2.4.9 Each *electricity storage participant* shall provide the *IESO* not less than six months advance notice of the commencement of the planned retirement of any one of its *electricity storage facilities* and associated *resources* that have been registered in accordance with this section 2,~~that are *registered facilities*,~~ including notification of any plans the *electricity storage participant* may have to construct replacement *facilities* for those being retired.

2.5 Transfer of Registration of Facilities

2.5.1 A *market participant* that wishes to transfer the registration of a ~~*registered* facility~~ and any associated *resources* that has been registered in accordance with this section 2, ~~other than a *boundary entity*,~~ as a result of the proposed transfer of the ~~*registered* facility~~ to another person by sale, assignment, lease, transfer of control or other means of disposition shall, not less than 10 *business days* prior to the date on which the transfer is proposed to take effect, file with the *IESO* and the relevant *transmitter* or *distributor*, a notice of request to transfer the registration of the ~~*registered* facility~~ in such form as may be specified by the *IESO*. Such notice shall specify:

2.5.1.1 the identity of the transferee and whether the transferee is or intends to be a *market participant*; and

2.5.1.2 the date upon which the transfer is proposed to take effect,

and shall be accompanied by a written declaration by the proposed transferee that it is willing and able to assume control of the ~~*registered* facility~~ and any associated *resources* and to comply with all provisions of these *market rules* and of any *reliability must-run contract* or *contracted ancillary services* contract applicable to such ~~*registered* facility.~~

2.5.2 If the proposed transferee satisfies or is capable of satisfying the requirements of section 2.2, the *IESO* shall approve a request to transfer the registration of a ~~*registered* facility~~ and any associated

resources unless the proposed transferee is a *suspended market participant* or is otherwise ineligible under these *market rules* to be a *market participant*.

2.5.3 Where the *IESO* approves a request to transfer the registration of a ~~*registered facility*~~, the *IESO* shall transfer the registration of the ~~*registered facility*~~ to the proposed transferee:

2.5.3.1 on the date referred to in section 2.5.1.2, provided that the proposed transferee was a *market participant* at the time of filing of the notice referred to in section 2.5.1 and remains a *market participant* on such date; or

2.5.3.2 on such later date as may reasonably be required to permit the *IESO* to effect the transfer following the later of the date of authorization of the proposed transferee as a *market participant* and the date on which the proposed transferee meets the requirements of section 2.2.

2.5.4 Upon completion of the transfer of the ~~*registered facility*~~, the proposed transferee will have to post with the *IESO prudential support* or *capacity prudential support* as applicable, equal to the proposed transferee's *prudential support obligation* or *capacity prudential support obligation*. Until the proposed transferee has done so, the transferring *market participant* shall continue to be liable for the obligations of the proposed transferee in the *IESO-administered markets*. Such obligations shall include, without limitation, the cost of electricity withdrawn from the *IESO-controlled grid* by the proposed transferee and related charges as determined by the *IESO* in accordance with Chapter 9. The *prudential support obligation* and/or *capacity prudential support obligation* as applicable of the transferring *market participant* shall include all such amounts whether or not the transferring *market participant* has complied with the provisions of this section 2.5.

IESO Authorities to Direct Submission or Revision of Dispatch Data

3.3.10 Notwithstanding sections 3.3.3, 3.3.4, 3.3.4B, 3.3.5 and 3.3.8, where the *IESO* determines, on the basis of the initial *pre-dispatch schedule* or any subsequent *pre-dispatch schedule* determined in accordance with section 5, that a revision to *dispatch data* will not allow it to maintain the *reliability* of the *IESO-controlled grid*, the *IESO* may, subject to sections 3.3.15 and 3.3.16:

3.3.10.1 refuse to accept a revision to the quantity element of *dispatch data* submitted by a *registered market participant*; or

3.3.10.2 direct a *registered market participant* to submit or to resubmit a revision to the quantity element of its *dispatch data*, or both. The *IESO* shall notify the *registered market participant* of a refusal referred to in section 3.3.10.1 and shall include in any direction issued pursuant to section 3.3.10.2 a description of the revised *dispatch data* to be submitted or resubmitted by the *registered market participant*.

~~3.3.10A A *registered market participant* in respect of a *transitional scheduling generator* may treat a direction referred to in section 3.3.10.2 that means an increase in the quantity element of its *dispatch data* as a request and shall confirm with the *IESO* its intention to comply or not comply with the request issued. If the *registered market participant* indicates its intentions are not to comply with the direction, the *registered market participant* shall provide the reasons for non-compliance to the *IESO*.~~

---

21. Electricity Storage in the IESO-Administered Market

21.8 Interpretation

21.8.3[6] For further certainty, the reference in section 21.7.2a to the use of dispatchable or *self-scheduling generation resources* in the interpretation of Chapter 7, System Operations and Physical Markets-Appendices and the applicable *market manuals*, shall not include any features or attributes that pertain primarily to and are distinctive of *intermittent* ~~*generators*~~*generation resources*, *flexible nuclear generators*, *or variable generators*~~*, or transitional scheduling generators*~~.

[6] Note concurrent amendment proposed in MR-00457-R02

Chapter 10

4.3 Arranging for Export Transmission Service

4.3.1 To arrange for *export transmission service*, a *transmission customer* desiring such service shall be a *market participant* and shall register to use a *boundary entity* to which the *export transmission service* will relate. A *transmission customer* that is a *market participant* may obtain *export transmission service* once it has registered to use the *boundary entity* *resource* ~~has been registered by the IESO as a registered facility~~.