

## Market Rule Amendment Proposal Form

### Part 1 - Market Rule Information

Identification No.:	MR-00454-R01
Subject:	Market Renewal Program – Market and System Operations
Title:	Market Renewal Program – Market and System Operations
Nature of Proposal:	<input checked="" type="checkbox"/> Alteration <input checked="" type="checkbox"/> Deletion <input checked="" type="checkbox"/> Addition
Chapter:	Chapter 7
Appendix:	Appendix 7.1 – 7.4, 7.7
Sections:	
Sub-sections proposed for amending:	
Current Market Rules Baseline:	

### Part 2 - Proposal History

Version	Reason for Issuing	Version Date
1.0	Draft for Stakeholder Review	July 14, 2023
2.0	Draft for Technical Panel Review	March 26, 2024
3.0	Publish for Stakeholder Review and Comment	April 11, 2024

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

The IESO proposes to amend the market rules to codify the Market Renewal Program's (MRP) market & system operations framework.

The proposed amendments to the Appendices of Chapter 7 of the market rules include the following:

- Appendix 7.1: Energy Offer, Schedule or Forecast Information, Appendix 7.2: Energy Bid Information, and Appendix 7.3: Operating Reserve Offer Information – amendments to identify additional submission requirements where applicable, minor edits for clarity, and addition of resource specific submission requirements;
- Appendix 7.4: Transmission Information Required for Scheduling and Dispatching – minor edits to include reference to the applicable calculation engines as part of the transmission system information submitted to the IESO; and
- Appendix 7.7: Radial Intertie Transactions – amendments incorporate the defined term “resource” and modifications related to segregated mode of operations.

This proposal is based on input from various stakeholder engagement initiatives for the Market Renewal Program (MRP).

Further information on MRP can be found on the IESO's [Market Renewal webpage](#).

#### Background

Please refer to MRP background in [MR-00450-R00](#).

#### Discussion

The accompanying “[Summary of Market and System Operations](#)” readers guide provides a summary of the market rule amendments to Chapter 7 of the market rules.

Supplemental information on specific sections in Chapter 7 which explicitly cross-reference to the “applicable market manual” is provided below:

- MR App.7.7 s.1.3.1 requires a market participant that intends to operate its resource in a segregated mode of operation to submit a request to the IESO for approval and to submit an outage request in accordance with the applicable market manual. Market Manual 7.3: Outage Management [s.5.1.4] includes the process to submit a request for segregation and associated outage.
- MR App.7.7 ss.1.3.3, 1.3.9, and 1.3.10 refers to the IESO's designation of equipment as critical which is done in accordance with the applicable market manual. Market Manual 7.3: Outage Management [s.3.1] outlines the criticality levels of equipment.

## Part 4 - Proposed Amendment

# Appendix 7.1 – Energy Offer, Schedule or Forecast Information

## 1.1 ~~Within the IESO Control Area~~ Energy Offers/Schedules/Forecasts from Generation Resources

1.1.1 ~~In order for a *generation resource* to provide *energy*, its *registered market participant* shall submit an *offer*, schedule or forecast, as applicable, that includes, at a minimum, the information specified in this section 1.1.~~

~~1.1.21.1.1~~ ~~*Resource name* Unique plant identifier (by *generation unit* or *generation units* that have been aggregated with the approval of the *IESO*).~~

~~1.1.2~~ ~~Contact information~~ ~~*Registered market participant name*.~~

~~1.1.31.1.3~~ ~~*Dispatch day and dispatch hour(s)* Hour(s) for which *offer*, schedule or forecast applies.~~

~~1.1.4~~ ~~[Intentionally left blank – section deleted]~~

~~1.1.41.1.5~~ For a *dispatchable generation resource* ~~*facility*~~, two to twenty *price-quantity pairs* for each *dispatch hour*, the final of which represents the maximum quantity of the *offer*. ~~If the *generator* has specified *forbidden regions*, the submitted *offer*~~

~~price-quantity pairs must include a quantity equal to each of the lower and upper limits of each forbidden region.~~

~~1.1.51.1.6~~ For a *dispatchable generation resource facility*, one to five sets of ramp quantity and its corresponding ramp up and / ramp down values for each *dispatch hour* applicable to the entire range of the generator resources output contained in the *offer*.

~~1.1.7~~ ~~Daily energy limit (if applicable).~~

~~1.1.8~~ ~~[Intentionally left blank—section deleted]~~

~~1.1.9~~ ~~[Intentionally left blank—section deleted]~~

~~1.1.61.1.10~~ Is this a standing *offer*, schedule or forecast? Yes/No. If Yes, Date To: \_\_\_\_\_ For which day(s) of the week? \_\_\_\_\_

~~1.1.7~~ For a *dispatchable generation resource* other than a *quick-start resource* or a *nuclear generation resource*:

~~1.1.7.1~~ ~~a minimum loading point;~~

~~1.1.7.2~~ ~~a minimum generation block run-time;~~

~~1.1.7.3~~ ~~a minimum generation block down-time for each thermal state;~~

~~1.1.7.4~~ ~~a lead time for each thermal state; and~~

~~1.1.7.5~~ ~~ramp up energy to minimum loading point for each thermal state.~~

## 1.2 Energy Offers from Imports~~Outside the IESO Control Area~~

~~1.2.1~~ In order for a *boundary entity resource* to provide *energy* from an import, its *registered market participant* shall submit an *offer* that includes, at a minimum, the information specified in this section 1.2.

~~1.2.12~~ Unique *boundary entity* identifier (~~by boundary entity resource as created by the IESO interconnection and boundary entity resource~~).

~~1.2.23~~ Contact information *Registered market participant*.

~~1.2.34~~ *Dispatch day and dispatch hour(s)*~~Hour(s)~~ for which *offer* applies.

~~1.2.4~~ [Intentionally left blank]

1.2.5 Two to twenty *price-quantity pairs* for each *dispatch hour*, the final of which represents the maximum quantity of the *offer*.

~~1.2.6~~ Daily *energy limit* (if applicable).

~~1.2.7~~ [Intentionally left blank]

1.2.86 Is this a standing *offer*? – Yes/No. If Yes, Date To: \_\_\_\_\_ For which day(s) of the week? \_\_\_\_\_

1.2.97 Source *control area* (determined by selecting appropriate *boundary entity resource*).

~~1.2.10~~ [Intentionally left blank]

~~1.2.10A8~~ ~~NERC transaction te-Tag~~ identification.

1.2.119 ~~NERC transaction te-Tag~~ Notwithstanding MR Ch.7 s.3.3, e-Tags shall be submitted within the times outlined in the *IESO* interchange tagging procedures and in accordance with the following:

1.2.119.1 all *resources* shall be designated as firm for the Ontario flowgates and the Ontario portion of the *intertie* flowgates;

1.2.119.2 each *registered market participant* shall submit its ~~transaction te-Tag~~ to the *IESO* through the electronic information system sanctioned by the relevant *standards authority* or, when not available, by such alternative means as may be specified by the *IESO* consistent with the policies of the relevant *standards authority*; and

1.2.119.3 interchange scheduling defaults specified by the relevant *standards authority* shall be used unless otherwise approved by the *IESO*. Transactions shall be one hour in duration, in accordance with agreements between *control areas* along the path. Transactions shall ramp in/out over the hour and shall respect a ten-minute ramp period.

1.2.10 Capacity transaction parameter, if applicable.

## 1.3 Energy Offers for Virtual Zonal Resources

1.3.1 In order for a *virtual zonal resource* to participate in the *day-ahead market*, its *registered market participant* shall submit an *offer*, that includes, at a minimum, the information specified in this section 1.3.

1.3.2 *Virtual trader.*

1.3.3 *Virtual transaction* type indicating an *offer*.

1.3.4 *Virtual zonal resource.*

1.3.5 *Dispatch day* and *dispatch hour(s)* for which the *offer* applies.

1.3.6 For a *virtual zonal resource*, two to twenty *price-quantity pairs* for each *dispatch hour*, the final of which represents the maximum quantity of the *offer*.

~~[Intentionally left blank — section deleted]~~

~~1.3.1 [Intentionally left blank — section deleted]~~

~~1.3.2 [Intentionally left blank — section deleted]~~

~~1.3.3 [Intentionally left blank — section deleted]~~

~~1.3.4 [Intentionally left blank — section deleted]~~

## Appendix 7.2 – Energy Bid Information

### 1.1 ~~Within the IESO Control Area~~ Energy Bids from Load Resources

~~1.1.1~~ 1.1.1 In order for a *dispatchable load* to provide *energy* or when other *load resources* are submitting *bids*, its *registered market participant* shall submit a *bid* that includes, at a minimum, the information specified in this section 1.1.

~~1.1.12~~ 1.1.12 Unique *load* identifier Resource name.

~~1.1.23~~ 1.1.23 Contact information Registered market participant.

~~1.1.34~~ 1.1.34 Dispatch day and dispatch hour(s) ~~Hours~~ for which *bid* applies.

~~1.1.4~~ 1.1.4 [Intentionally left blank]

1.1.5 Two to twenty *price-quantity pairs* for each *dispatch hour*, the final of which represents the maximum quantity of the *bid*.

1.1.6 ~~For load resources, excluding price responsive loads, One~~ one to five ramp sets of ramp quantity and its corresponding ramp up and /ramp down values for each *dispatch hour* applicable to the entire range of *load* contained in the *bid*.

~~1.1.7~~ 1.1.7 [Intentionally left blank]

~~1.1.8~~ 1.1.8 [Intentionally left blank]

~~1.1.97~~ 1.1.97 Is this a standing *bid*? Yes/No. If Yes, Date To: \_\_\_\_\_ For which day(s) of the week? \_\_\_\_\_

### 1.2 Energy Bids from Exports ~~Outside the IESO Control Area~~

~~1.2.1~~ 1.2.1 In order for a *boundary entity resource* to provide *energy* from an export, its *registered market participant* shall submit an *bid* that includes, at a minimum, the information specified in this section 1.2.

~~1.2.12~~ 1.2.12 Unique boundary entity identifier (interconnection and boundary entity resource ~~by boundary entity resource as created by the IESO~~).

- 1.2.23 ~~Contact information~~ Registered market participant name.
- 1.2.34 Dispatch day and dispatch hour(s) ~~Hour(s)~~ for which *bid* applies.
- ~~1.2.4~~ [Intentionally left blank]
- 1.2.5 Two to twenty *price-quantity pairs* for each *dispatch hour*, the final of which represents the maximum quantity of the *bid*.
- ~~1.2.6~~ [Intentionally left blank]
- ~~1.2.7~~ [Intentionally left blank]
- 1.2.86 Is this a standing *bid*? – Yes/No. If Yes, Date To: \_\_\_\_\_ For which day(s) of the week? \_\_\_\_\_
- 1.2.97 Sink *control area* (determined by selecting appropriate *boundary entity resource*).
- ~~1.2.10~~ [Intentionally left blank]
- 1.2.10A8 ~~NERC transaction te-Tag~~ identification.
- 1.2.119 ~~NERC transaction te-Tag~~ Notwithstanding MR Ch.7 s.3.3,e-Tags shall be submitted within the times outlined in the *IESO* interchange tagging procedures and in accordance with the following:
- 1.2.119.1 all *resources* shall be designated as firm for the Ontario flowgates and the Ontario portion of the *intertie* flowgates;
- 1.2.119.2 each *registered market participant* shall submit its ~~transaction te-Tag~~ transaction te-Tag to the *IESO* through the electronic information system sanctioned by the relevant *standards authority* or, when not available, by such alternative means as may be specified by the *IESO* consistent with the policies of the relevant *standards authority*; and
- 1.2.119.3 interchange scheduling defaults specified by the relevant *standards authority* shall be used unless otherwise approved by the *IESO*. Transactions shall be one hour in duration, in accordance with agreements between *control areas* along the path. Transactions shall ramp in/out over the hour and shall respect a ten-minute ramp period.



1.2.10 Capacity transaction parameter (if applicable)

## 1.3 Energy Bids for Virtual Zonal Resources

1.3.1 In order for a *virtual zonal resource* participate in the *day-ahead market*, its *registered market participant* shall submit a *bid*, that includes, at a minimum, the information specified in this section 1.3.

1.3.2 *Virtual trader.*

1.3.3 *Virtual transaction* type indicating a *bid*.

1.3.4 *Virtual zonal resource.*

1.3.5 *Dispatch day* and *dispatch hour(s)* for which the *bid* applies.

1.3.6 For a *virtual zonal resource*, two to twenty *price-quantity pairs* for each *dispatch hour*, the final of which represents the maximum quantity of the *bid*.

# Appendix 7.3 – Operating Reserve Offer Information

## 1.1 ~~Generators Within the IESO Control Area~~Operating Reserve Offers from Generation Resources

- ~~1.1.1~~ 1.1.1 In order for a *generation resource* to provide *operating reserve*, its *registered market participant* shall submit an *offer* that includes, at a minimum, the information specified in this section 1.1.
- ~~1.1.12~~ 1.1.12 Unique plant identifier (by generation unit or IESO-approved aggregated generation units) Resource name.
- ~~1.1.23~~ 1.1.23 Contact information Registered market participant.
- ~~1.1.34~~ 1.1.34 Dispatch day and dispatch hour(s) ~~Hour(s)~~ for which *offer* applies.
- ~~1.1.5~~ 1.1.5 Operating Reserve class.
- ~~1.1.46~~ 1.1.46 Reserve loading point ~~Minimum MW level of generator output at which the generation unit can offer its maximum level of ten-minute operating reserve that is synchronized with the IESO-controlled grid.~~
- ~~1.1.5~~ 1.1.5 ~~Minimum MW level of generator output at which the generation unit resource can offer its maximum level of thirty-minute operating reserve. [Intentionally left blank]~~
- ~~1.1.67~~ 1.1.67 Two to five *price-quantity pairs* for all classes of operating reserve being offered in each dispatch hour ~~for each category of operating reserve being offered~~, the final of which represents the maximum quantity of the *offer*.
- ~~1.1.78~~ 1.1.78 One ~~ramping~~ rate applicable for all ~~classes~~ categories of *operating reserve* being offered in accordance with MR Ch.7 s.3.5.8.
- ~~1.1.8~~ 1.1.8 ~~[Intentionally left blank]~~
- ~~1.1.9~~ 1.1.9 ~~[Intentionally left blank]~~
- ~~1.1.10~~ 1.1.10 ~~[Intentionally left blank]~~

1.1.119 Is this a standing *offer*? Yes/No. If Yes, Date To: \_\_\_\_\_ For which day(s) of the week? \_\_\_\_\_

## 1.2 Operating Reserve Offers Outside the IESO Control Area from Imports

1.2.1 In order for a *boundary entity resource* to provide *operating reserve* from an import, its *registered market participant* shall submit an *offer* that includes, at a minimum, the information specified in this section 1.2.

1.2.12 Unique *boundary entity* identifier (~~by *boundary entity* resource as created by the IESO resource type, tie point ID interconnection, and *boundary entity resource*~~).

1.2.23 Contact information Registered market participant name.

1.2.34 Dispatch day and dispatch hour(s) Hour(s) for which *offer* applies.

1.2.5 Operating Reserve class.

1.2.46 Two to five *price-quantity pairs* for each *dispatch hour* for each ~~class~~category of *operating reserve* being offered, the final of which represents the maximum quantity of the *offer*.

~~1.2.5~~ [Intentionally left blank]

1.2.67 Is this a standing *offer*? – Yes/No. If Yes, Date To: \_\_\_\_\_ For which day(s) of the week? \_\_\_\_\_

1.2.78 Source *control area* (determined by selecting appropriate *boundary entity resource* resource).

1.2.7A9 ~~NERC transaction e-T~~tag identification.

1.2.810 ~~NERC transaction t~~Notwithstanding MR Ch.7 s.3.3, e-Tags shall be submitted within the times outlined in the *IESO* interchange tagging procedures and in accordance with the following:

1.2.810.1 all ~~resources~~resources shall be designated as firm for the Ontario flowgates and the Ontario portion of the *inertie* flowgates; and

1.2.810.2 each *registered market participant* shall submit its ~~transaction te-T~~Tag to the *IESO* through the electronic information system sanctioned by the relevant *standards authority* or, when not

available, by such alternative means as may be specified by the IESO consistent with the policies of the relevant *standards authority*.

## 1.3 Operating Reserve Offers from Dispatchable Loads Within the IESO Control Area

1.3.1 In order for a *dispatchable load* to provide *operating reserve*, its *registered market participant* shall submit an *offer* that includes, at a minimum, the information specified in this section 1.3.

~~1.3.12~~ Unique ~~load identifier~~ *Resource name*.

~~1.3.23~~ Contact information *Registered market participant*.

~~1.3.34~~ *Dispatch day and dispatch hour(s)* ~~Hour(s)~~ for which *offer* applies.

~~1.3.4~~ [Intentionally left blank]

1.3.5 *Operating reserve class*.

1.3.56 Two to five *price-quantity pairs* for each *dispatch hour* for each *classcategory* of *operating reserve* being offered, the final of which represents the maximum quantity of the *offer*.

1.3.67 One ramping rate applicable for all *classcategories* of *operating reserve* being offered.

~~1.3.7~~ [Intentionally left blank]

~~1.3.8~~ [Intentionally left blank]

1.3.98 Is this a standing *offer*? Yes/No. If Yes, Date To: \_\_\_\_\_ For which day(s) of the week? \_\_\_\_\_

## 1.4 Operating Reserve Offers from Exports Loads Outside the IESO Control Area

1.4.1 In order for a *boundary entity resource* to provide *operating reserve* from an *export*, its *registered market participant* shall submit an *offer* that includes, at a minimum, the information specified in this section 1.4.

1.4.12 Unique *boundary entity* identifier (~~*interconnection and by boundary entity resource*~~*resource as created by the IESO*).

1.4.23 ~~Contact information~~*Registered market participant*.

1.4.34 ~~Dispatch day and dispatch hour(s)~~*Hour(s)* for which *offer* applies.

~~1.4.5~~ *Operating reserve class*.

1.4.46 Two to five *price-quantity pairs* for each *dispatch hour* for each ~~class~~*category* of *operating reserve* being offered, the final of which represents the maximum quantity of the *offer*.

~~1.4.5~~ [Intentionally left blank]

1.4.67 Is this a standing *offer* – Yes/No. If Yes, Date To: \_\_\_\_\_ For which day(s) of the week? \_\_\_\_\_

1.4.78 Sink *control area* (determined by selecting appropriate *boundary entity resource*~~resource~~).

1.4.7A9 ~~NERC transaction te-Tag~~ identification.

1.4.810 ~~NERC transaction te-Tag~~ *Notwithstanding MR Ch.7 s.3.3, e-Tags* shall be submitted within the times outlined in the *IESO* interchange tagging procedures and in accordance with the following:

1.4.810.1 all ~~resources~~*resources* shall be designated as firm for the Ontario flowgates and the Ontario portion of the *intertie* flowgates; and

1.4.810.2 each *registered market participant* shall submit its ~~transaction te-Tag~~ to the *IESO* through the electronic information system sanctioned by the relevant *standards authority* or, when not available, by such alternative means as may be specified by the *IESO* consistent with the policies of the relevant *standards authority*.

# Appendix 7.4 – Transmission Information Required for Scheduling and Dispatching

## 1.1 Transmission Information Required for Scheduling and Dispatching

- 1.1.1 Full *connection-related reliability information* and *transmission system* data is required to be provided and updated to the *IESO* in accordance with [MR Ch.7 s.2.2.5](#)~~Section 2.2.5 of Chapter 7~~ and [MR Ch.4 App.4.16](#)~~Appendix 4.16 of Chapter 4~~.
- 1.1.2 Advance *outage* information is required to be provided to the *IESO* in terms of [MR Ch.5](#)~~Chapter 5~~.
- 1.1.3 The following information is required to be advised to the *IESO* for scheduling and *dispatch* purposes:
  - 1.1.3.1 any change to the maximum thermal rating of any transmission branch as advised by the *IESO* to be included in the ~~scheduling dispatch and pricing algorithm~~[DAM calculation engine, pre-dispatch calculation engine and real-time calculation engine](#); and
  - 1.1.3.2 any change to the proposed *outage* plan as advised to and approved by the *IESO*.

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# Appendix 7.7 – Radial Intertie Transactions

## 1.1 Applicable Configurations

- 1.1.1 ~~An *registered facility* that is a *electricity generation resource*~~[facility associated with a generation facility](#) that is connected electrically over a *radial intertie* to a neighbouring *control area* may only provide electricity or any *physical service* for delivery out of the *integrated power system* if it is, with the approval of the *IESO*,

operating such ~~registered facility generation resource~~ in a *segregated mode of operation*.

## 1.2 Dispatch Data

1.2.1 A market participant that intends for a ~~registered facility generation resource~~ to operate in a *segregated mode of operation* shall maintain *dispatch data* that was submitted for that ~~registered facility generation resource~~ for each *dispatch hour* during which a ~~registered facility generation resource~~ will or is intended to operate in *segregated mode of operation*. The market participant may revise the applicable *dispatch data* in accordance with the timelines for submission of revised *dispatch data* specified in ~~MR Ch.7 ss.ections-3.2 and 3.3-of Chapter 7~~.

1.2.2 Notwithstanding the provisions of ~~MR Ch.7 s.ection-3.3-of Chapter 7~~, if the IESO:

1.2.2.1 denies a *Request for Segregation*; or

1.2.2.2 revokes its approval to operate a ~~registered facility generation resource~~ in a *segregated mode of operation* or terminates the operation of a ~~registered facility generation resource~~ in a *segregated mode of operation* in accordance with section 1.3.6,

the IESO shall permit new or revised *dispatch data* to be submitted to the IESO in respect of the ~~registered facility generation resource~~ for the *dispatch hours* to which such denied request pertains.

## 1.3 Scheduling & Scheduling Approval

- 1.3.1 A *registered market participant* shall, within the time required by section 1.3.3, submit a *Request for Segregation* to the *IESO* for approval to operate its *registered facility generation resource* in a *segregated mode of operation* and shall submit an *outage* request, in accordance with the provisions specified in ~~MR Ch.5 s. section 6.4 of Chapter 5~~ and the applicable *market manual*, to the *IESO* for the *registered facilities generation resources* intended to operate in a *segregated mode of operation*. The *registered market participant* shall make such a *Request for Segregation* in accordance with the applicable *market manual* and the information contained in such *Request for Segregation* shall include, but not be limited to:
- 1.3.1.1 the time at which operation in a *segregated mode of operation* is intended to commence;
  - 1.3.1.2 the length of time that the applicable *registered facilities generation resources* are intended to operate in a *segregated mode of operation*; and
  - 1.3.1.3 a list of the *registered facilities generation resources* that are intended to operate in a *segregated mode of operation*.
- 1.3.2 If a *registered market participant* wishes to revise the contents of a *Request for Segregation* it shall submit a new *Request for Segregation* and shall submit a new *outage* request to the *IESO* in accordance with section 1.3.1.
- 1.3.3 ~~If a~~ *Request for Segregation* requires an outage to equipment that the IESO has designated as critical in accordance with the applicable market manual, the request shall be made no by earlier than 128:00 EST-EPT on the day prior to the relevant dispatch day pre dispatch day and no later than 2 hours prior to the start of the first dispatch hour to which such request pertains, unless otherwise agreed by the IESO. If a Request for Segregation does not require an outage to such equipment, the registered market participant shall make the Request for Segregation by 9:00 EPT on the day prior to the relevant dispatch day for inclusion in the day-ahead market or no later than two hours prior to the start of the first dispatch hour to which the request pertains for inclusion in the real-time market. When the *Request for Segregation* is for the operation of a *registered facility generation resource* in a *segregated mode of operation* for more than one day the *IESO* may approve such operation for up to two *business days*.
- 1.3.4 The IESO shall make a decision regarding a Request for Segregation prior to the run of the day-ahead market calculation engine if the request is submitted on the day prior to the relevant dispatch day by 8:00 EPT or 9:00 EPT as applicable, in accordance with section 1.3.3. Upon receipt of the Request for Segregation I the IESO shall make a decision regarding a Request for Segregation submitted after 9:00 EPT on the day prior to the relevant dispatch day as soon as practicable but no later than such time that allows the transmitter, referred to in section 1.3.5, a minimum



of 90 minutes or such lesser time as agreed to by the *transmitter* to switch any applicable equipment or *facilities* required to permit implementation of the *segregated mode of operation* prior to the time set out in section 1.3.1.1, and shall notify the *registered market participant* of such decision. The *IESO*:

1.3.4.1 shall deny such *Request for Segregation* if:

- a. such *Request for Segregation* pertains to a ~~registered facility generation resource~~ located in the province of Ontario and would threaten the reliability of the *IESO-controlled grid*; or
- b. the *metering installation* for the ~~registered facility generation resource~~ to which such *Request for Segregation* relates does not comply with ~~MR Ch. 6 s. section 4.1A.1 of Chapter 6~~; or
- c. such *Request for Segregation* pertains to a ~~registered facility generation resource~~ located outside the province of Ontario and would threaten the *security* of the *IESO-controlled grid*; and

1.3.4.2 may deny such *Request for Segregation* if the *metered market participant* for the *metering installation* for the ~~registered facility generation resource~~ to which such *Request for Segregation* relates has previously failed to comply with ~~MR Ch.6 App.6.1 s. section 1.2.1.7 of Appendix 6.1 of Chapter 6~~ for a period in which such ~~registered facility generation resource~~ operated in a *segregated mode of operation*.

1.3.5 If the *IESO* approves a *Request for Segregation*, it shall direct the relevant *transmitter* to:

1.3.5.1 switch any applicable equipment or *facilities* required to permit implementation of the *segregated mode of operation* at the time referred to in section 1.3.1.1;

1.3.5.2 switch any applicable equipment or *facilities* required to cease implementation of the *segregated mode of operation* at the expiry of the time referred to in section 1.3.1.2.

1.3.6 The *IESO* may at any time revoke its approval to operate a ~~registered facility generation resource~~ in a *segregated mode of operation* or terminate the operation of a ~~registered facility generation resource~~ in a *segregated mode of operation*, as the case may be, for the reason described in section 1.3.4.1(b), where the *metered market participant* is failing to comply with ~~MR Ch.6 App.6.1 s. section 1.2.1.7 of Appendix 6.1 of Chapter 6~~ in respect of the *metering installation* for such ~~registered facility generation resource~~ or where, in the *IESO's* opinion, such approval or such continued operation would threaten the reliability of a local area which forms part of the *IESO-controlled grid* or the security of the *integrated power system*, and shall notify the *registered market participant* accordingly. Where the *IESO* intends to

revoke its approval to operate a ~~registered facility~~ generation resource in a *segregated mode of operation*, it shall revoke any direction issued pursuant to section 1.3.5. Where the *IESO* intends to terminate such operation, the *IESO* shall direct the relevant *transmitter* to switch any applicable equipment or *facilities* required to cease implementation of the *segregated mode of operation*. Where the *IESO* revokes its approval to operate a ~~registered facility~~ generation resource in a *segregated mode of operation* or terminates the operation of a ~~registered facility~~ generation resource in a *segregated mode of operation*, as the case may be, the *registered market participant* for that ~~registered facility~~ generation resource shall not be entitled to compensation for any costs, losses or damages from the *IESO* for such revocation or termination.

1.3.7 The *IESO* shall coordinate and confirm with the applicable *control area operator*:

1.3.7.1 the switching to be effected by the relevant *transmitter* in accordance with section 1.3.5 or 1.3.6; and

1.3.7.2 the names of the ~~registered facilities~~ generation resources that will operate in a *segregated mode of operation*.

1.3.8 The *IESO* shall not issue *dispatch instructions* to a ~~registered facility~~ generation resource in respect of any *dispatch hour* during which *such registered facility* generation resource is operating in a *segregated mode of operation*. All instructions relating to *dispatch* for the ~~registered facility~~ generation resource while operating in a *segregated mode of operation* shall be sent directly by the applicable *control area operator* to the *registered market participant*.

1.3.9 A registered market participant may only cancel or revise a Request for Segregation that requires an outage to equipment that the IESO has designated as critical, in accordance with the applicable market manual, after 8:00 EPT on the day prior to the relevant dispatch day if operating its generation resource in a segregated mode of operation would endanger the safety of any person, damage equipment, or violate any applicable law.

1.3.10 A registered market participant may cancel a Request for Segregation that does not require an outage to equipment that the IESO has designated as critical, in accordance with the applicable market manual, at any time.

1.3.11 A registered market participant that cancels a Request for Segregation pursuant to sections 1.3.9 and 1.3.10 shall cancel the outage request associated with the Request for Segregation for its generation resource.

## 1.4 Settlements

- 1.4.1 The delivery of electricity or a *physical service* by a ~~*registered-facilitygeneration resource*~~ while operating in a *segregated mode of operation* shall be excluded from the *IESO's settlement process* and in no event shall the *IESO* be required to effect payment in respect of any electricity or *physical service* so delivered.
- 1.4.2 Notwithstanding section 1.4.1, a *registered market participant* that operates a ~~*registered-facilitygeneration resource*~~ in a *segregated mode of operation* shall submit such scheduling information to the *IESO* as may be necessary to enable the *IESO* to determine the amounts payable by the *registered market participant* for *export transmission service* related to such operation.
- 1.4.3 Any costs incurred by a *transmitter* in complying with a direction issued pursuant to section 1.3.5 or 1.3.6 shall be borne by the *registered market participant* or the *transmitter* in the manner specified in their *connection agreement*.
- 1.4.4 The *registered market participant* shall be solely liable in respect of any positive or negative inadvertent accumulated while its ~~*registered-facilitiesgeneration resources*~~ are operating in the *segregated mode of operation*.