

## Final Alignment Supplementary: Incremental Amendments

Incremental Amendments from Provisionally Approved baseline	
Title:	Chapter 0.7 Appendices – Market Systems and Operations
Current Market Rules Baseline:	
This document shows only excerpts from sections that have been revised since the Technical Panel provisionally recommended/IESO Board provisionally approved version with tracked changes. For the full version of this and other chapters, refer to the market rule amendment proposal documents (MR-00481-R00-R12).	

# Appendix 7.1 – Energy Offer, Schedule or Forecast Information

## 1.1 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.

1.1.2 *Resource name.*

1.1.3 *Registered market participant.*

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

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

1.1.56 For a *dispatchable generation resource*, 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 *resources* output contained in the *offer*.

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

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

1.1.78.1 a *minimum loading point*;

1.1.78.2 a *minimum generation block run-time*;

1.1.78.3 a *minimum generation block down-time* for each *thermal state*;

1.1.78.4 a *lead time* for each *thermal state*; and

1.1.78.5 ramp up energy to *minimum loading point* for each *thermal state*.

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## Appendix 7.2 – Energy Bid Information

### 1.2 Energy Bids from Exports

- 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.
- 1.2.2 Unique ~~boundary-entity~~ boundary entity identifier (interconnection and boundary entity resource ~~boundary-entity resource~~).

## Appendix 7.5 – The Day-Ahead Market Calculation Engine Process

### 8.3 Variables and Objective Function

- 8.3.2.1 The tie-breaking term ( $TB_h$ ) shall sum a term for each *bid* or *offer* lamination. For each lamination, this term shall be the product of a small penalty cost and the quantity of the lamination scheduled. The penalty cost shall be calculated by multiplying a base penalty cost of  $TB_{Pen}$  by the amount of the lamination scheduled and then dividing by the maximum amount ~~that~~ that could have been scheduled. That is:

### 14.6 Revised Financial Dispatch Data Parameter Determination

- 14.6.1.5 If a *resource* is in a *narrow constrained area* or a *dynamic constrained area* and has failed a Price Impact Test, each *resource* in the same *narrow constrained area* or *dynamic constrained area* that also failed the corresponding Conduct Test shall have its *offer* data replaced with its applicable *reference level value* for that hour. For each hour  $h \in \{1, \dots, 24\}$ :

14.6.1.5.1 if  $BIT_h^{NCA}$  includes one or more *resource* in a *narrow constrained area*,  $n$ , each *resource*  $b \in BCT_h^{NCA}$  for the *narrow constrained area*,  $n$ , shall have the parameters in  $PARAME_{h,b}$  replaced with its *reference level values*, and

14.6.1.5.2 if  $BIT_h^{DCA}$  includes one or more *resources* in a *dynamic constrained area*,  $d$ , each *resource*  $b \in BCT_h^{DCA}$  for *dynamic constrained area*,  $d$ , shall have the parameters in  $PARAME_{h,b}$  replaced with its *reference level values*.