

# ISO Rules

## Part 500 Transmission

### Division 505 Legal Owners of Generating Facilities

#### Section 505.2 Performance Assessment for Refund of Generating Unit Owner's Contribution



#### Applicability

1 Section 505.2 applies to:

- (a) the **ISO**.

#### Requirements

#### Refund of Generating Unit Owner's Contribution

2 The **ISO** must calculate a refund for each calendar year during the refund period as follows:

$$\text{refund} = (\text{annual amount} \times \text{availability}) \times (1 - \text{penalty factor})$$

where:

- (a) annual amount is as specified in the **ISO tariff**;
- (b) availability is the availability factor assessed for the calendar year in accordance with subsection 3(1); and
- (c) penalty factor is the penalty factor calculated for the calendar year in accordance with subsection 3(2).

#### Performance Assessment

**3(1)** The **ISO** must assess the availability of a **generating unit** or **aggregated generating facility** as follows:

- (a) if the **revenue meter** of the **generating unit** or **aggregated generating facility** recorded metered energy in a **settlement interval** during the previous calendar year, availability factor is 100%;
- (b) if the **revenue meter** of the **generating unit** or **aggregated generating facility** recorded zero metered energy in all **settlement intervals** during the previous calendar year, availability factor is 0%.

**(2)** If the **maximum capability** of the **generating unit** or **aggregated generating facility** on the first day of each calendar year during the refund period is less than its critical **maximum capability**, the **ISO** must assess a penalty factor as follows:

$$\text{penalty factor} = \frac{\text{ABS}(\text{critical maximum capability} - \text{energized maximum capability})}{\text{critical maximum capability}}$$

where:

- (a) critical maximum capability is
  - (i) the **maximum capability** of the **generating unit** or **aggregated generating facility** at the time the Rate STS system access service agreement is effective; or

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(ii) energized **maximum capability** as defined in subsection 3(2)(b), if there is no change in Rate STS at the point of supply;

and

(b) energized **maximum capability** is the **maximum capability** of the **generating unit** or **aggregated generating facility** following energization and **commissioning**.

#### Preliminary Refund Assessment

4 The **ISO** must provide a preliminary refund assessment, along with relevant input data, to the **legal owner** of a **generating unit** or an **aggregated generating facility** by January 31 of the year following the calendar year to which the refund relates.

#### Revision History

Date	Description
2021-XX-XX	Revisions to introduce new performance assessment methodology in response to changes to ISO tariff.
2020-01-01	Revisions to clarify "generating facility" as "generating unit or aggregated generating facility"; and applicability to a solar aggregated generating facility.
2016-01-29	Initial release.