## Reference Guide

**ISO New England Calculation Summary**

**Note:** The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

### Acronyms

<table>
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<th>Acronym</th>
<th>Definition</th>
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<tr>
<td>ARA</td>
<td>Annual Reconfiguration Auction</td>
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<td>ARTs</td>
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<tr>
<td>CLO</td>
<td>Capacity Load Obligation</td>
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<td>CTR</td>
<td>Capacity Transfer Right</td>
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<td>CZ</td>
<td>Capacity Zone</td>
</tr>
<tr>
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<td>Forward Capacity Auction</td>
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<td>HQICCC</td>
<td>Hydro-Quebec Interconnection Capacity Credits</td>
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<td>IPR</td>
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<td>MRA</td>
<td>Monthly Reconfiguration Auction</td>
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<td>MRECO</td>
<td>Multiyear Rate Existing Capacity Obligation</td>
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<td>PPU</td>
<td>Pool-Planned Unit</td>
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<td>SA</td>
<td>Specifically Allocated</td>
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<td>SS</td>
<td>Self-Supply</td>
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<tr>
<td>TU</td>
<td>Transmission Upgrade</td>
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<td>ZCO</td>
<td>Zonal Capacity Obligation</td>
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### Related Calculation Summaries

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<td>FCM</td>
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### Related Market Information Server (MIS) and World-wide Web (WW) Reports

<table>
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<th>Report Code</th>
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<td>Forward Capacity Market Capacity Load Obligation Detail Report</td>
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<td>SD_FCMDLYCHRGSTLDTL</td>
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<td>SD_FCMDARNDNCBA</td>
<td>Forward Capacity Market Dispatchable Asset Related Demand Non-Conforming Bid Adjustment Report</td>
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<td>SR_FCMSUPPLYCREDITSUM</td>
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</table>
Note: The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Customer, Daily

Resource

Total Daily Credits

<table>
<thead>
<tr>
<th>Resource Supply Daily Credit</th>
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<tbody>
<tr>
<td>SUM</td>
</tr>
<tr>
<td>Capacity Resource Supply Credit*</td>
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<tr>
<td>/ Number of days in the month</td>
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</table>

<table>
<thead>
<tr>
<th>ART Daily Payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUM</td>
</tr>
<tr>
<td>ART Payment*</td>
</tr>
<tr>
<td>/ Number of days in the month</td>
</tr>
</tbody>
</table>

* Value from Month-Ahead Settlement
Note: The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Customer, Daily, Capacity Zone

\[
\text{Daily CLO (MW)} = \frac{\text{Customer Daily ZCO (MW)}}{\text{CZ Peak Contribution Value (MW)}} \times \text{CZ ZCO* (MW)} + \text{Customer HQICC (MW)} + \text{Customer CLO Bilateral (MW)} + \text{Customer Capacity Zone Designated FCA Self-Supplied MW (MW)} + \text{Customer Total CLO Bilateral Sales (MW)} + \text{Customer Total CLO Bilateral Purchases (MW)}
\]

* Value from Month-Ahead Settlement
Note: The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

**FCA Daily CLO Charge**

ISO New England Calculation Summary

Customer, Daily, Capacity Zone

FCA Daily CLO Charge

\[ \text{FCA Daily CLO Charge} \]

\[ \times \]

\[ \text{Daily CLO} \ (\text{MW}) \]

\[ \times \]

\[ \text{FCA Daily Charge Rate} \ (\$/\text{kW-month}) \]

\[ \times \]

\[ 1000 \]

\[ / \]

\[ \text{CZ FCA Daily CLO Charge} \ (\$) \]

\[ / \]

\[ \text{CZ CLO} \ (\text{MW}) \]

\[ / \]

\[ 1000 \]

Monthly, Capacity Zone

\[ \text{FCA CLO Charge}^* \ (\$) \]

\[ / \]

\[ \text{Number of days in the month} \]

* Value from Month-Ahead Settlement
**Note:** The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

### Customer, Daily, Capacity Zone

\[
\text{ARA Daily CLO Charge} \times \frac{\text{Daily CLO (MW)}}{\text{ARA Daily Charge Rate (\$/kW-month)}} \times 1000
\]

\[
\frac{\text{CZ ARA Daily CLO Charge (\$)}}{\text{CZ CLO (MW)}} \times 1000
\]

### Monthly, Capacity Zone

\[
\frac{\text{ARA CLO Charge* (\$)}}{\text{Number of days in the month}}
\]

* Value from Month-Ahead Settlement
Customer, Daily, Capacity Zone

\[
\text{MRA Daily CLO Charge (\$)} = \text{Daily CLO (MW)} \times \frac{\text{MRA Daily Charge Rate (\$/kW-month)}}{1000} \times 1000
\]

Monthly, Capacity Zone

\[
\text{MRA CLO Charge* (\$)} = \frac{\text{CZ MRA Daily CLO Charge (\$)}}{\text{CZ MLO (MW)}} \times \frac{\text{Number of days in the month}}{1000}
\]

* Value from Month-Ahead Settlement
Customer, Daily, Capacity Zone

\[
\text{HQICC Daily CLO Charge (\$)} \times \text{Daily CLO (MW)} \times \text{HQICC Daily Charge Rate (\$/kW-month)} \times 1000
\]

Monthly, Capacity Zone

\[
\text{HQICC CLO Charge* (\$)} \div \text{Number of days in the month} \div 1000
\]

* Value from Month-Ahead Settlement
Self-Supply Daily CLO Charge
ISO New England Calculation Summary

Customer, Daily, Capacity Zone

Self-Supply Daily CLO Charge ($)

\[ \text{Daily CLO (MW)} \times \text{Self-Supply Daily Charge Rate ($/kW-month)} \times 1000 \]

Monthly, Capacity Zone

\[ \text{CZ Self-Supply Daily CLO Charge ($)} \div \text{CZ CLO (MW)} \div 1000 \]

\[ \text{Self-Supply CLO Charge Adjustment* ($)} \div \text{Number of days in the month} \]

* Value from Month-Ahead Settlement
Note: The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Customer, Daily, Capacity Zone

\[
\text{IPR Daily CLO Charge (\$)} \times \frac{\text{Daily CLO (MW)}}{\text{IPR Daily Charge Rate (\$/kW-month)}} \times 1000 = \text{CZ IPR Daily CLO Charge (\$)} / \text{Number of days in the month} / 1000
\]

Monthly, Capacity Zone

\[
\text{IPR CLO Charge Adjustment* (\$)} / \text{Number of days in the month} = \text{CZ CLO (MW)} / 1000
\]

* Value from Month-Ahead Settlement
**Note:** The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

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**Customer, Daily, Capacity Zone**

\[
\text{Daily CLO (MW)} \times \text{MRECO Daily Charge Rate ($/kW-month)} \times 1000
\]

**Monthly, Capacity Zone**

\[
\text{CZ MRECO Daily CLO Charge ($)} / \text{CZ CLO (MW)} / 1000
\]

\[
\text{MRECO CLO Charge Adjustment* ($)} / \text{Number of days in the month}
\]

* Value from Month-Ahead Settlement
**Note:** The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

**Customer, Daily, Capacity Zone**

\[
\text{SA CTR PPU Daily CLO Charge} = \text{Daily CLO (MW)} \times \frac{\text{SA CTR PPU Daily Charge Rate ($/kW-month)}}{1000} \times \frac{\text{Number of days in the month}}{1000}
\]

**Monthly, Capacity Zone**

\[
\text{SA CTR PPU CLO Charge* ($/)} = \frac{\text{CZ SA CTR PPU Daily CLO Charge ($)} \times \frac{\text{CZ CLO (MW)}}{1000}}{\text{Number of days in the month}}
\]

* Value from Month-Ahead Settlement
**Customer, Daily, Capacity Zone**

\[
\text{SA CTR TU Daily CLO Charge} \times \text{Daily CLO (MW)} \times \text{SA CTR TU Daily CLO Charge Rate} \times \text{1000}
\]

\[
\text{CZ SA CTR TU Daily CLO Charge} / \text{CZ CLO (MW)} / \text{1000}
\]

* Value from Month-Ahead Settlement
Note: The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Daily CLO Charge
ISO New England Calculation Summary

Customer, Daily, Capacity Zone

Daily CLO Charge
($)

FCA Daily CLO Charge
($)

ARA Daily CLO Charge
($)

MRA Daily CLO Charge
($)

HQICC Daily CLO Charge
($)

Self-Supply Daily CLO Charge
($)

IPR Daily CLO Charge
($)

MRECO Daily CLO Charge
($)

SA CTR PPU Daily CLO Charge
($)

SA CTR TU Daily CLO Charge
($)
**Note:** The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

### Total Daily Charge

**ISO New England Calculation Summary**

**Customer, Daily, Capacity Zone**

- Total Daily Charge ($)
  - Daily CLO Charge ($)
  - SA CTR PPU Daily Credit ($)
  - Customer SA CTR TU Daily Credit ($)

**Customer, Monthly, Capacity Zone**

- SA CTR PPU Credit* ($)
  - / Number of days in the month
- SA CTR TU Credit* ($)
  - / Number of days in the month

* Value from Month-Ahead Settlement