### Acronyms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
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<tbody>
<tr>
<td>ANI</td>
<td>Adjusted Net Interchange</td>
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<tr>
<td>BHE</td>
<td>Bangor Hydro Electric</td>
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<tr>
<td>FTR</td>
<td>Financial Transmission Right</td>
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<tr>
<td>TU</td>
<td>Transaction Units</td>
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<tr>
<td>RT</td>
<td>Real-Time</td>
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<tr>
<td>VM</td>
<td>Volumetric Measures</td>
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### Related Calculation Summaries

<table>
<thead>
<tr>
<th>Calculation Summary</th>
<th>Related Market</th>
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<td>None</td>
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### Related Market Information Server (MIS) and World-wide Web (WW) Reports

<table>
<thead>
<tr>
<th>Report Code</th>
<th>Report Long Name</th>
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<tbody>
<tr>
<td>TR_SCH2DT</td>
<td>ISO Tariff Schedule 2 Detail</td>
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<tr>
<td>TR_SCH2TP</td>
<td>ISO Tariff Schedule 2 Top Level</td>
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</tbody>
</table>
**Total ISO Schedule 2 Charges**

**Calculation Summary**

```
Total ISO Schedule 2 Charges

(\$)
```

```
(\$) + (\$) + (\$) + (\$) + (\$)
```

- Energy Transaction Units
- Volumetric Measures Dollars
- Submitted Increment Offers and Decrement Bids Dollars
- Cleared Increment Offers and Decrement Bids Dollars
- Submitted FTR Auction Bids Dollars
- Cleared FTR Auction Bids Dollars

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

Most recent changes are shown in red.
Note: The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

**Energy Transaction Units Dollars**

**Calculation Summary**

\[
\text{Energy Transaction Units Dollars (\$)} = (\text{Energy Transaction Units Block 1 (TU)} \times \text{Energy Transaction Units Block 1 Rate (\$/TU)}) + (\text{Energy Transaction Units Block 2 (TU)} \times \text{Energy Transaction Units Block 2 Rate (\$/TU)}) + (\text{Energy Transaction Units Block 3 (TU)} \times \text{Energy Transaction Units Block 3 Rate (\$/TU)}) \times 1
\]

**Note:**

- **Energy TU Block 1:** 0 - 12,500 TUs
- **Energy TU Block 2:** 12,501 - 39,500 TUs
- **Energy TU Block 3:** > 39,500 TUs
**Note:** The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

**Energy Transaction Units Count**

**Calculation Summary**

![Energy Transaction Units Count Calculation Diagram]

- **Demand Reduction Offer Block-Hours**
  - Internal Bilateral Block-Hours Bought and Sold
  - External Bilateral Block-Hours Bought and Sold *

- **Bilateral Contract Block-Hours**

- **Supply Offer Block-Hours**

- **Energy Non-Zero Spot Market Settlement Hours**

- **Asset Related Demand (ARD) Bid Block-Hours**

- **Demand Bid Block-Hours**

**COUNT(*** + * + * + * + *)

**Hours where ((** + * + * + *) < > 0**

*excludes Coordinated External Transactions

*Most recent changes are shown in red.*

iso_schedule_2_calc_sum.vsd

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**Effective Date:** 06/01/2018

**Version Number:** 4.0

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

\[
\text{Volumetric Measures Dollars (\$)}
\]

\[
[\text{Volumetric Measures Block 1 (VM)} \times \text{Volumetric Measures Block 1 Rate (\$/VM)}] + [\text{Volumetric Measures Block 2 (VM)} \times \text{Volumetric Measures Block 2 Rate (\$/VM)}] + [\text{Volumetric Measures Block 3 (VM)} \times \text{Volumetric Measures Block 3 Rate (\$/VM)}] \times 1
\]

**Note:**

- Energy VM Block 1: 0 - 250,000 VMs
- Energy VM Block 2: 250,501 - 1,500,000 VMs
- Energy VM Block 3: > 1,500,000 VMs
Volumetric Measures \( \text{MWh} \) Calculation Summary

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

\[
\text{Volumetric Measures (MWh)} = \text{Monthly Real-Time Load Obligation (MWh)} + \text{Monthly Real-Time Demand Reduction Obligation (MWh)} + \text{Monthly Real-Time Generation Obligation (MWh)} - \text{MIN (Bangor Hydro Exception (MWh), 300)}
\]

\[
\text{ABS} [\text{SUM (Real-Time Load Obligation (MWh))}] + \text{ABS} [\text{SUM (Real-Time Demand Reduction Obligation (MWh))}] + \text{SUM (Real-Time Generation Obligation (MWh))}
\]

\[
\text{Metered Load (MWh)} + \text{Real-Time Internal Bilateral for Load (MWh)} + \text{Scheduled Exports* (MWh)} + \text{Real-Time Internal Bilateral for Load Sales (MWh)} + \text{Real-Time Internal Bilateral for Load Purchases (MWh)} + \text{Scheduled Imports* (MWh)} + \text{Real-Time Internal Bilateral for Load Purchases (MWh)}
\]

Notes:

1. Monthly Real-Time Generation Obligation associated with energy imported into the New England Control Area by BHE across the New Brunswick Ties shall be excluded (up to 300 MW) for billing and rate calculation purposes from EAS VMs.

*excludes Coordinated External Transactions

Most recent changes are shown in red.
Submitted Increment Offers and Decrement Bids Dollars

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

Submitted Increment Offers and Decrement Bids Dollars ($)

Submitted Increment Offers and Decrement Bids (TUs) \( \times \) Submitted Increment Offers and Decrement Bids Rate ($/TU) \( \times \) 1

COUNT (Submitted Increment Offers (#) + Submitted Decrement Bids (#))
Cleared Increment Offers and Decrement Bids Dollars

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

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Cleared Increment Offers and Decrement Bids Dollars

\[
\text{Cleared Increment Offers and Decrement Bids Dollars (\$)} \\
\quad \times \quad \text{Cleared Increment Offers and Decrement Bids (TUs)} \times (1) \times (\text{Cleared Increment Offers and Decrement Bids Rate } (\$/\text{TU})) \times (1) \\
\quad + \quad \text{Cleared Increment Offers (\#)} \times \text{Cleared Decrement Bids (\#)}
\]
Note: The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Submitted FTR Auction Bids Dollars

Calculation Summary

Submitted FTR Auction Bids Dollars ($) \( (\text{Submitted FTR Auction Bids (TUs)}) \times \text{Submitted FTR Auction Bids Rate ($) \times 1} \times \text{COUNT (Submitted FTR Auction Bids [#])} \)
Note: The relevant Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

Cleared FTR Auction Bids Dollars
Calculation Summary

Cleared FTR Auction Bids Dollars ($)

Cleared FTR Auction Bids (TUs) \( \times \) \( \frac{\text{Cleared FTR Auction Bids Rate}}{\$} \) \( \times - 1 \)

COUNT ( )