Nemo Link’s Loss Factor

Effective from Business Day 01/09/2020
00:00 CEST
Treatment of losses

To transpose the Mid Interconnector volumes into BE and GB, half of the Mid-Point Loss Factor (LF/2) needs to be applied on each side of the link.

- Exporting value = Mid-Interconnector nomination x (1 + LF/2)
- Importing value = Mid-Interconnector nomination x (1 - LF/2)

\[
LF/2 = 1.186\% = 0.01186
\]

- Exporting value = Mid-Interconnector nomination x 1.01186
- Importing value = Mid-Interconnector nomination x 0.98814

Nemo Link’s Mid-Point Loss Factor

<table>
<thead>
<tr>
<th>Loss Factor</th>
<th>Effective from</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.372%</td>
<td>00:00 CEST 01/09/2020</td>
</tr>
</tbody>
</table>
Rounding Rules for nominations in GB and BE markets

<table>
<thead>
<tr>
<th>GB (Elexon)</th>
<th>BE (Elia)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Values</strong></td>
<td><strong>MW</strong></td>
</tr>
<tr>
<td>Resolution of data</td>
<td>30 mins</td>
</tr>
<tr>
<td><strong>Round rules</strong></td>
<td>Mathematical rounding rules applied to 3 decimal places • If the fourth decimal place is from 1 to 4 → round down • If the fourth decimal place is from 5 to 9 → round up</td>
</tr>
</tbody>
</table>

**Example:**
- For values between 1.400 and 1.600:
  - 1.400 until 1.449 rounded to 1.4
  - 1.450 rounded to 1.4 (nearest 1 decimal digit even value = 1.4)
  - 1.451 to 1.549 rounded to 1.5
  - 1.550 rounded to 1.6 (nearest 1 decimal digit even value = 1.6)
  - 1.551 to 1.600 rounded to 1.6
Example

**Losses**
- GB: 2.372%
- BE: 1.186%

**Settlement periods**
- GB (Elexon): 00:00-00:30 GMT (01:00-01:30 CET), 00:30-01:00 GMT (01:30-02:00 CET)
- BE (Elia): 01:00-01:15 CET, 01:15-01:30 CET, 01:30-01:45 CET, 01:45-02:00 CET

**Nominated values after losses applied (before rounding)**
- **Energy volumes** per 30 minute resolution
  - GB: $53/2 \times 1.01186 = 26.81429$ MWh

**Final nominated values (after losses and rounding applied)**
- Mathematical rounding rules applied to 3 decimal places
  - GB: The volumes nominated to Elexon is **26.814 MWh** in each settlement period
  - BE: Rounding of the 3 decimal digits to the nearest 1 decimal digit value, and rounds midpoint values to the nearest 1 decimal digit even value. (Banker’s rounding rule = rounding to the nearest even number).
  - In this example, the flow nominated to Elia is **52.4 MW** in each settlement period