



# Nemo Link's Loss Factor

Effective from Business Day 01/09/2020  
00:00 CEST

# Treatment of losses

<b>Nemo Link's Mid-Point Loss Factor</b>
<b>2.372%</b>
Effective from 00:00 CEST 01/09/2020

- ❖ 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  $(1 + \text{LF}/2)$

**Importing value** = Mid-Interconnector nomination x  $(1 - \text{LF}/2)$

$$\text{LF}/2 = 1.186\% = 0.01186$$

**Exporting value** = Mid-Interconnector nomination x **1.01186**

**Importing value** = Mid-Interconnector nomination x **0.98814**

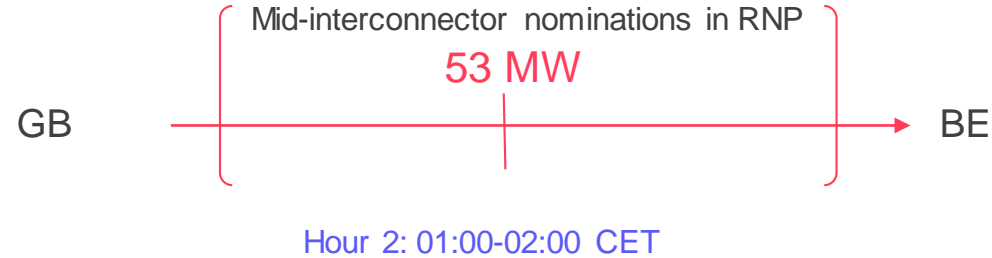
# Rounding Rules for nominations in GB and BE markets

	GB (Elexon)	BE (Elia)
Values	MWh	MW
Resolution of data	30 mins	15 mins
Round rules	<p>Mathematical rounding rules applied to 3 decimal places</p> <ul style="list-style-type: none"> <li>• If the fourth decimal place is from 1 to 4 → round down</li> <li>• If the fourth decimal place is from 5 to 9 → round up</li> </ul> <p><b>Example:</b>  <u>For values between 1.451 and 1.452:</u>            1.4510 until 1.4514 rounded to 1.451            1.4515 rounded to 1.4520 rounded to 1.452</p>	<p>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. (<i>Banker's rounding rule = rounding to the nearest even number</i>).</p> <p><b>Example:</b>  <u>For values between 1.400 and 1.600:</u>            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</p>

# Example

Losses  
2.372%

Half LF  
1.186%



	GB (Elexon)	BE (Elia)
Settlement periods	00:00-00:30 GMT (01:00-01:30 CET) 00:30-01:00 GMT (01:30-02:00 CET)	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)	<b>Energy volumes</b> per 30 minute resolution = $53/2 * 1.01186 = 26.81429$ <b>MWh</b>	<b>Flow</b> per 15 minute resolution = $53 * 0.98814 = 52.37142$ <b>MW</b>
Final nominated values (after losses and rounding applied)	Mathematical rounding rules applied to 3 decimal places  In this example, the volumes nominated to Elexon is <b>26.814 MWh</b> in each settlement period	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. ( <i>Banker's rounding rule = rounding to the nearest even number</i> ).  In this example, the flow nominated to Elia is <b>52.4 MW</b> in each settlement period