

Day-Ahead
26 050 GWh
 (-4% YoY)

BL Avg.
107 €/MWh
 (-61% YoY)

Intraday
6 850 GWh
 (59% YoY)

Daily Record:
121 779 MWh
 2023.12.12

Daily Average:
90 148 MWh
 (5% YoY)

HUPX Spot

Annual Report

/2023

In 2023, the total traded volume on HUPX Spot increased by **5%** to **32 904 158 MWh** compared to 31 424 745 MWh in 2022. The average daily volume was **90 148 MWh**; the highest daily volume was **121 779 MWh** on 2023.12.12 delivery day. HUPX Spot ended the year with 76 DAM & 60 IDM members.

Summary of Results - Day-Ahead

| Volume Data | 2023 (MWh) | 2022 (MWh) | Change YoY (%) |
|------------------------|------------|------------|----------------|
| Traded volume | 26 050 085 | 27 080 816 | -4% |
| Physical delivery vol. | 4 893 502 | 4 938 254 | -1% |
| Average daily volume | 71 370 | 74 194 | -4% |
| Highest daily volume | 97 415 | 115 367 | -16% |
| Lowest daily volume | 54 551 | 50 565 | 8% |

| Price Data | 2023 (MWh) | 2022 (MWh) | Change YoY (%) |
|----------------------|------------|------------|----------------|
| BL average | 106,82 | 271,95 | -61% |
| PL average | 110,05 | 288,94 | -62% |
| Highest hourly price | 437,47 | 1 047,10 | -58% |
| Lowest hourly price | - 500,00 | 0,00 | - |

Summary of Results - Intraday

| Volume Data | 2023 (MWh) | 2022 (MWh) | Change YoY (%) |
|----------------------|------------|------------|----------------|
| Exchange volume | 6 849 966 | 4 319 060 | 59% |
| OTC volume | 4 107 | 24 869 | -83% |
| Average daily volume | 18 767 | 11 833 | 59% |
| Highest daily volume | 36 762 | 21 432 | 72% |

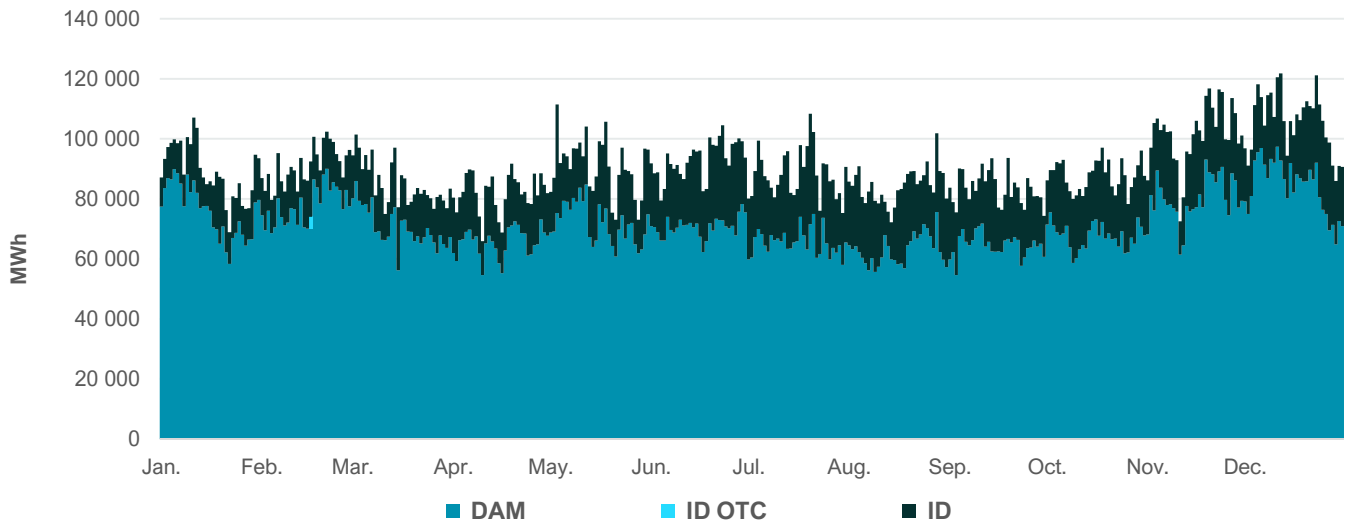
| Traded Products | 2023 (MWh) | 2022 (MWh) | Change YoY (%) |
|-----------------|------------|------------|----------------|
| Hourly | 5 648 152 | 3 832 523 | 47% |
| Quarterly | 1 126 240 | 468 824 | 140% |
| Block | 79 680 | 42 582 | 87% |

| Price Data | 2023 (MWh) | 2022 (MWh) | Change YoY (%) |
|------------|------------|------------|----------------|
| Hourly | 110,48 | 275,96 | -60% |
| Quarterly | 104,13 | 263,63 | -61% |
| Block | 113,32 | 242,51 | -53% |

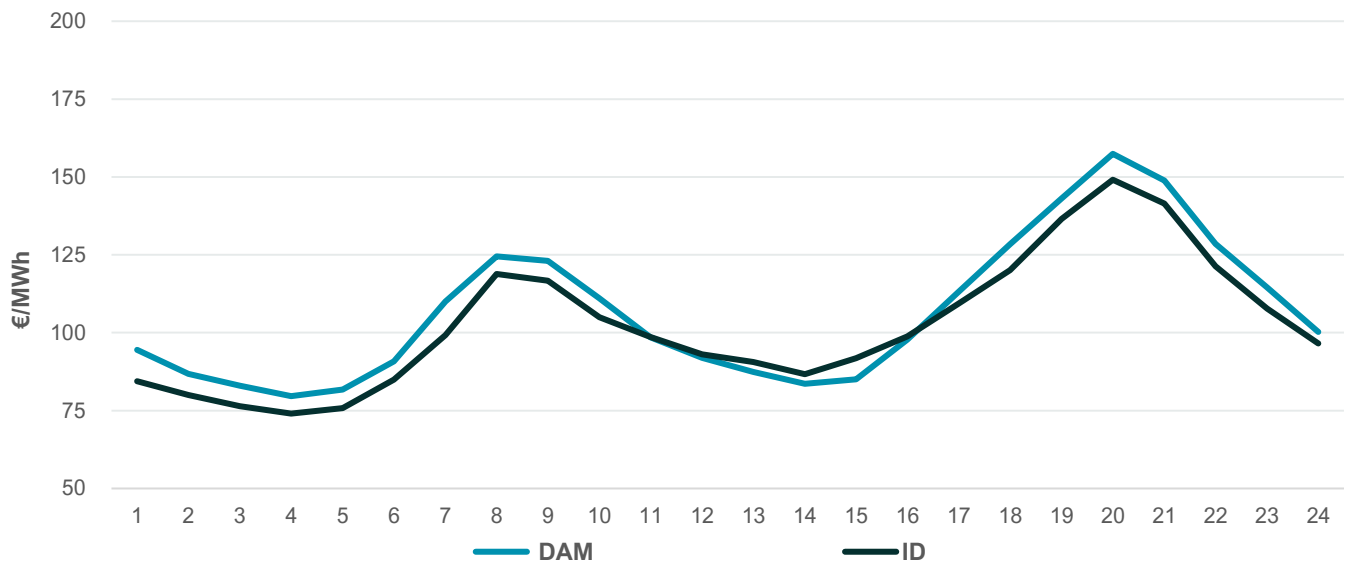
Total Traded Volume: 32 904 158 MWh

Combined Results

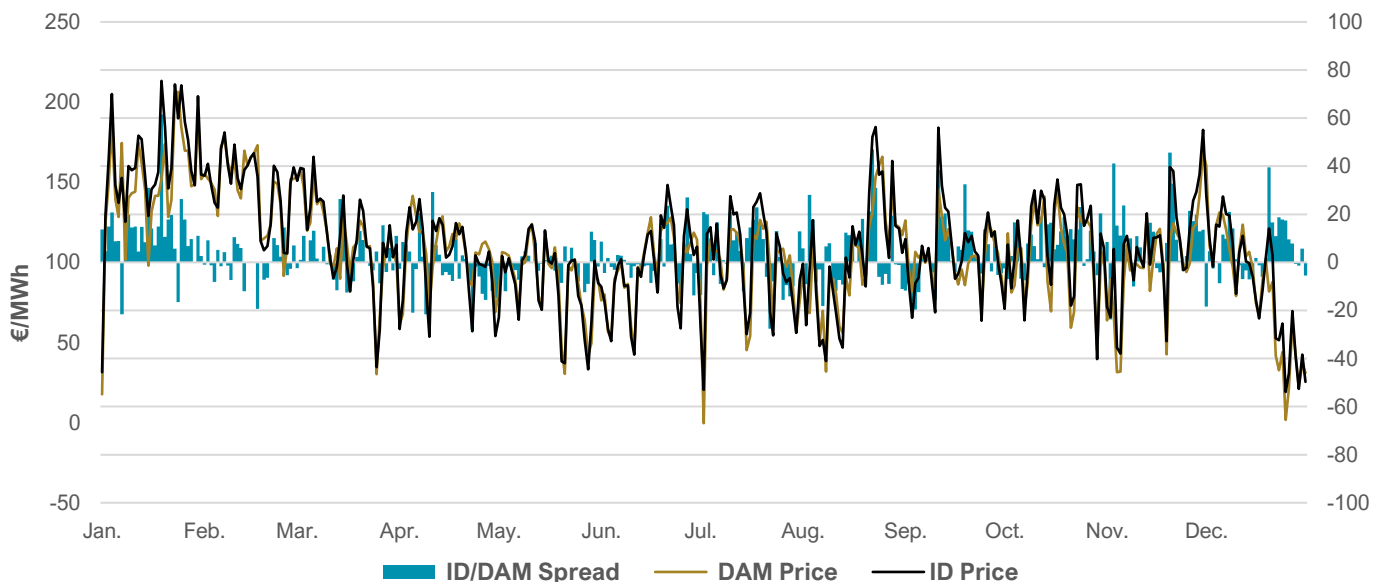
Daily Volumes



Hourly Average Prices

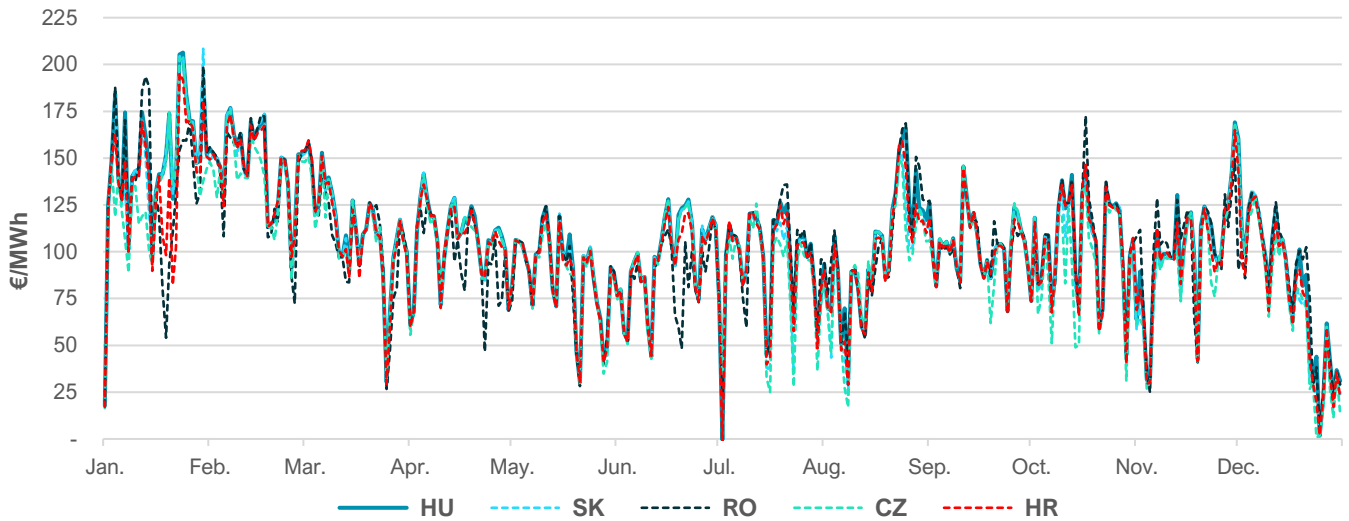


ID/DAM Price Spread

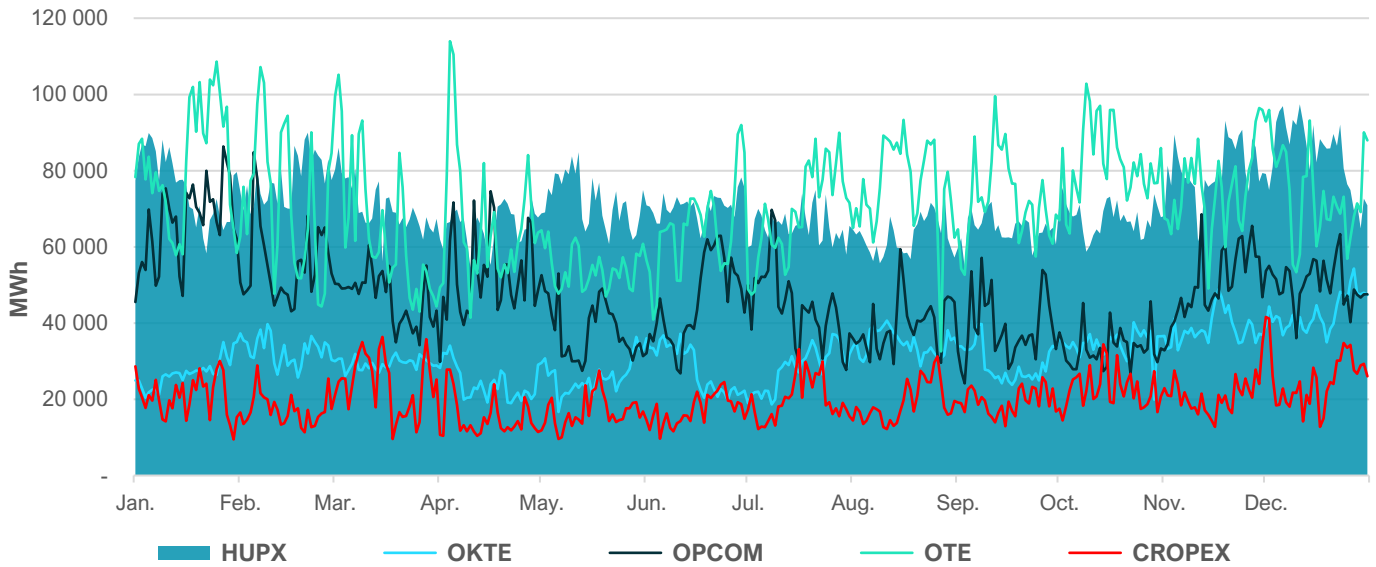


Day-Ahead Market

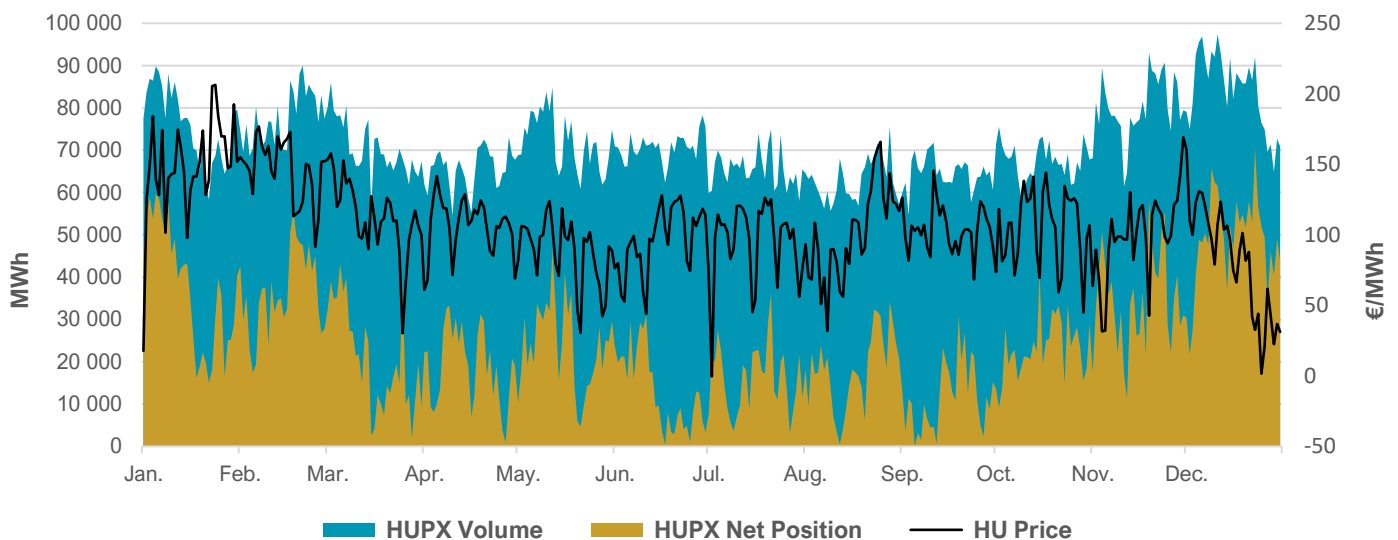
Regional Prices



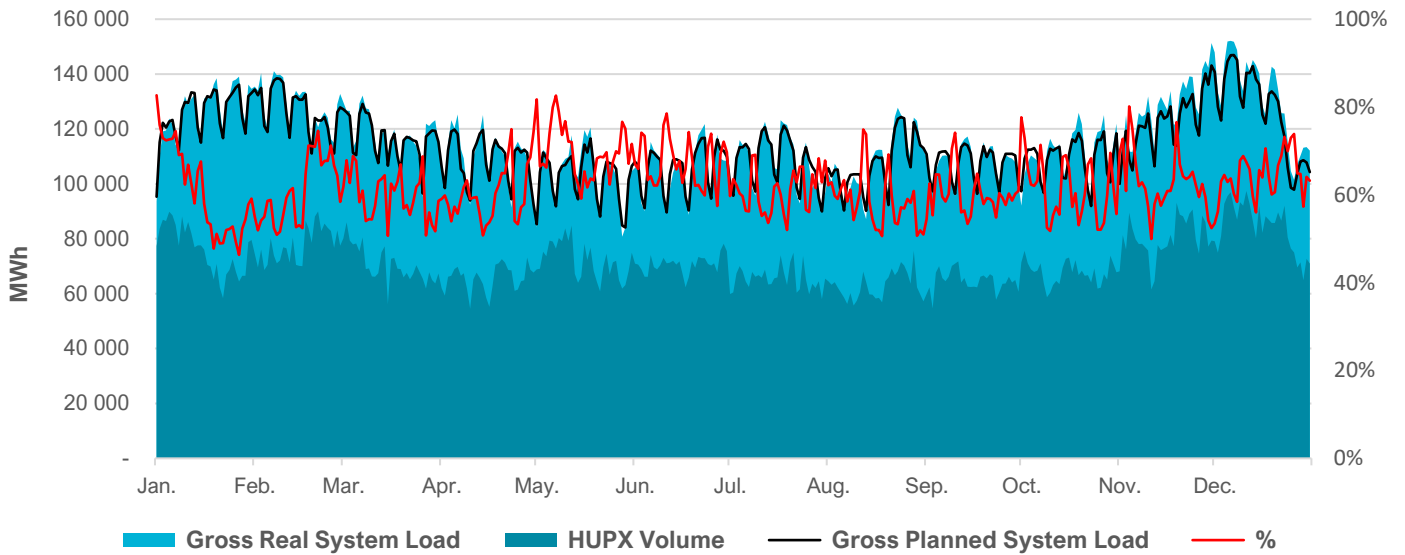
Regional Volumes



Hungarian Net Position

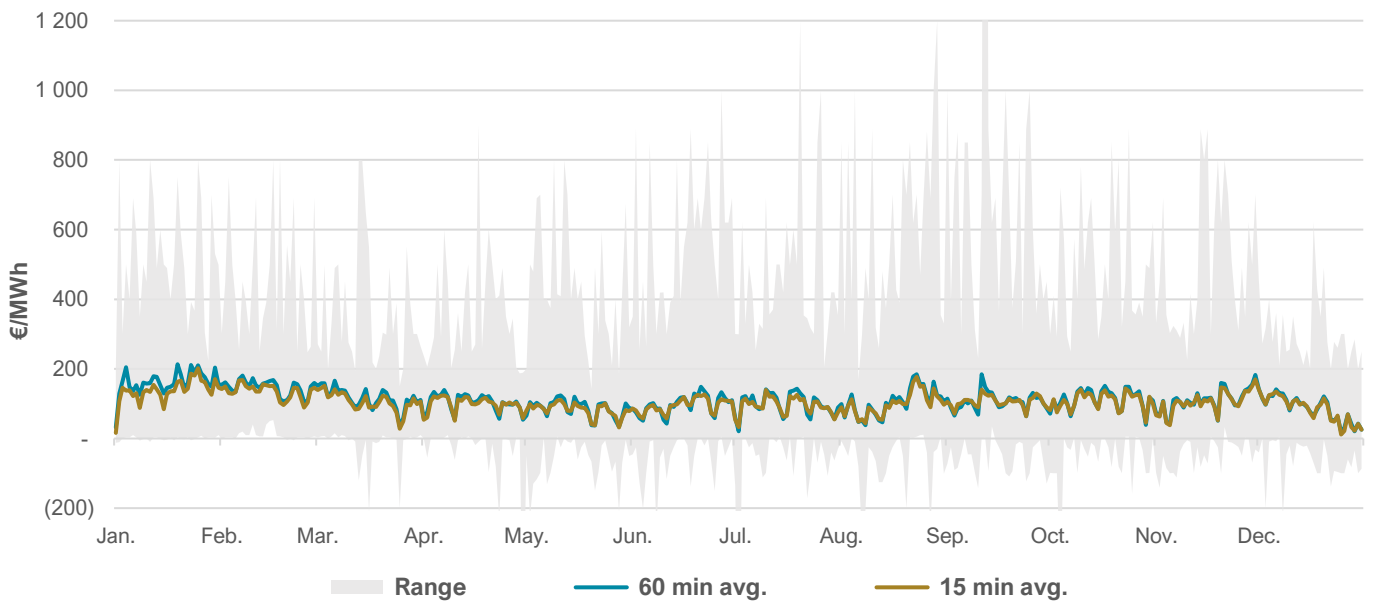


System Load

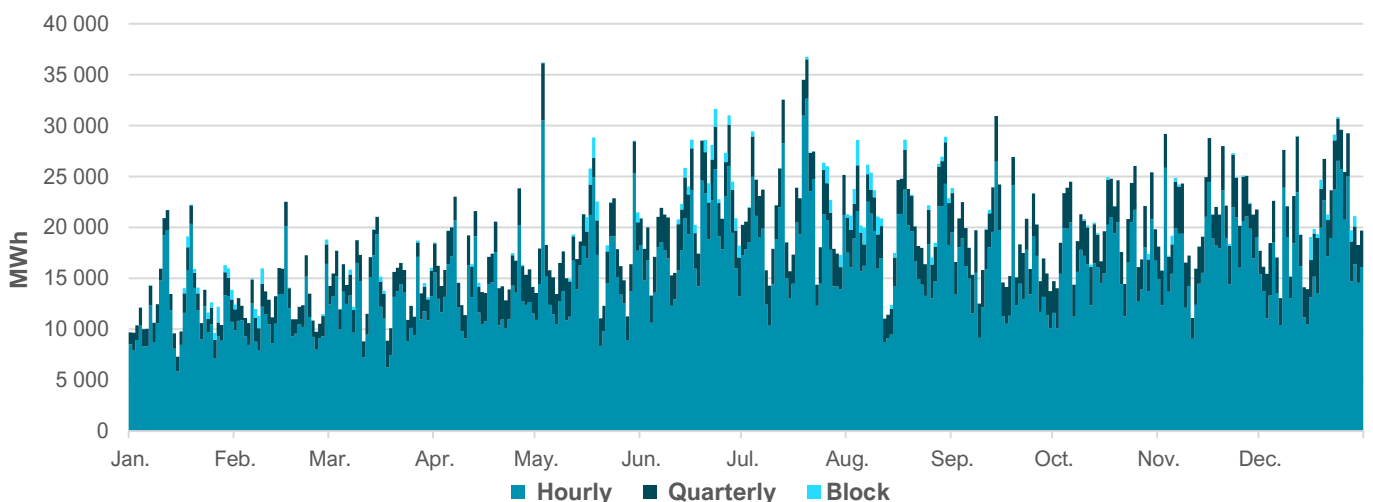


Intraday Market

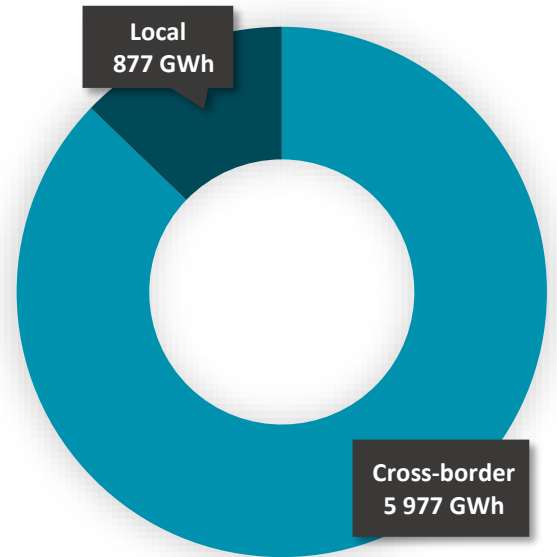
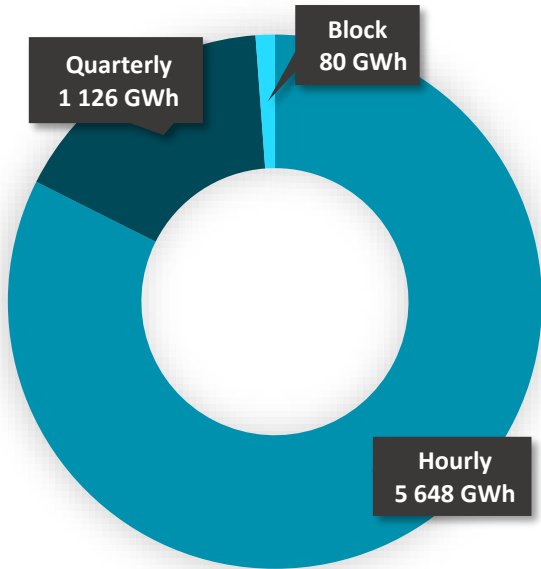
Daily Prices



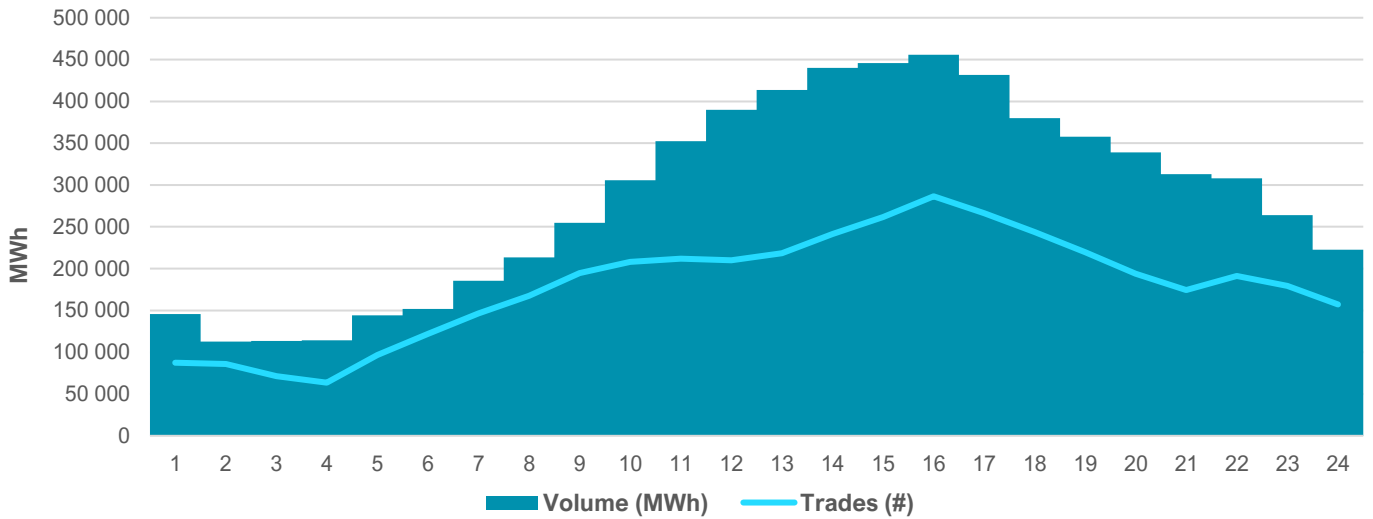
Daily Volumes



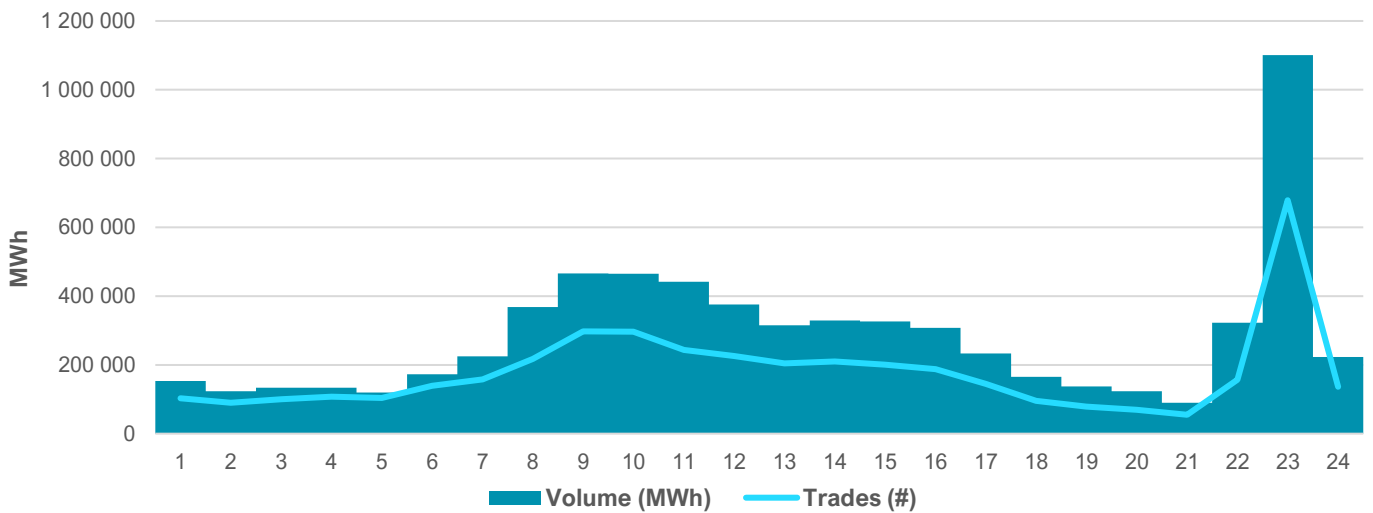
Volume Break-up



Volume by Hour of Delivery



Volume by Hour of Execution



Thank You for Your Attention!