

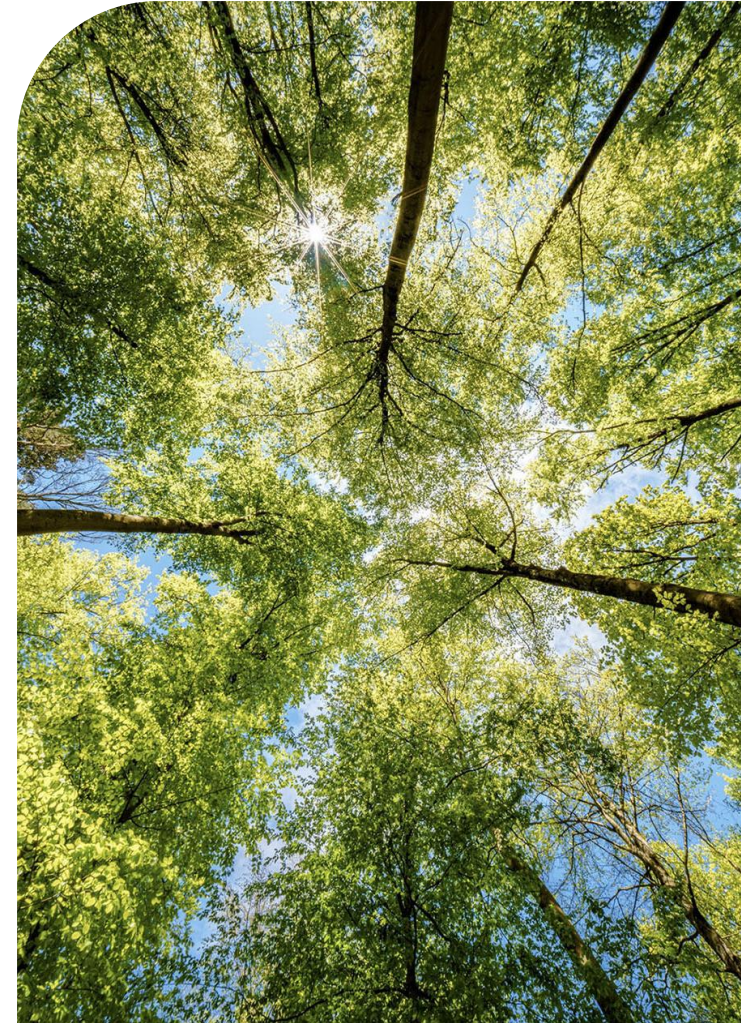
An aerial photograph of a large lake with numerous forested islands and peninsulas. The water is a deep blue, and the trees are a vibrant green. A paved road winds through the forest in the foreground. The sky is overcast with soft, grey clouds.

eSett News

Customer Committee Meeting 6.5.2026
Diana Welander

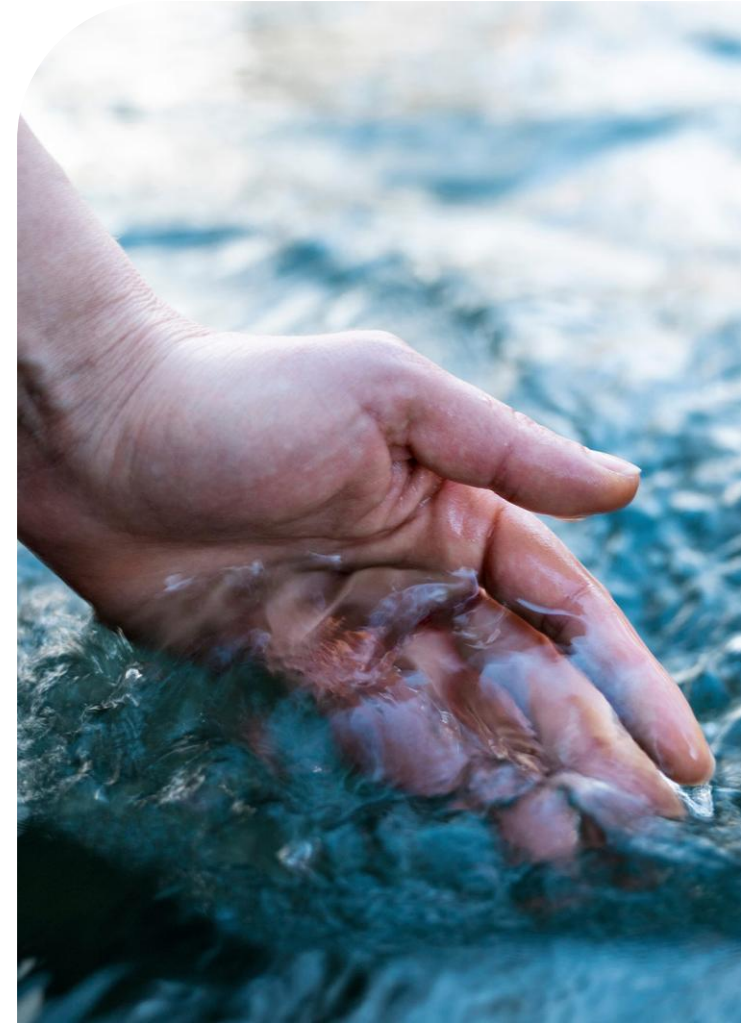
Sharing Customer Committee Contact Details

- A suggestion has been received to include contact information in the list of Customer Committee members online
- Customer Committee members play an important role as a voice for market participants in their country
- Sharing contact details could support dialogue between committee members and the customers they represent
- The proposal is to ask whether members are comfortable with sharing their contact information
 - E-mail and/or phone number

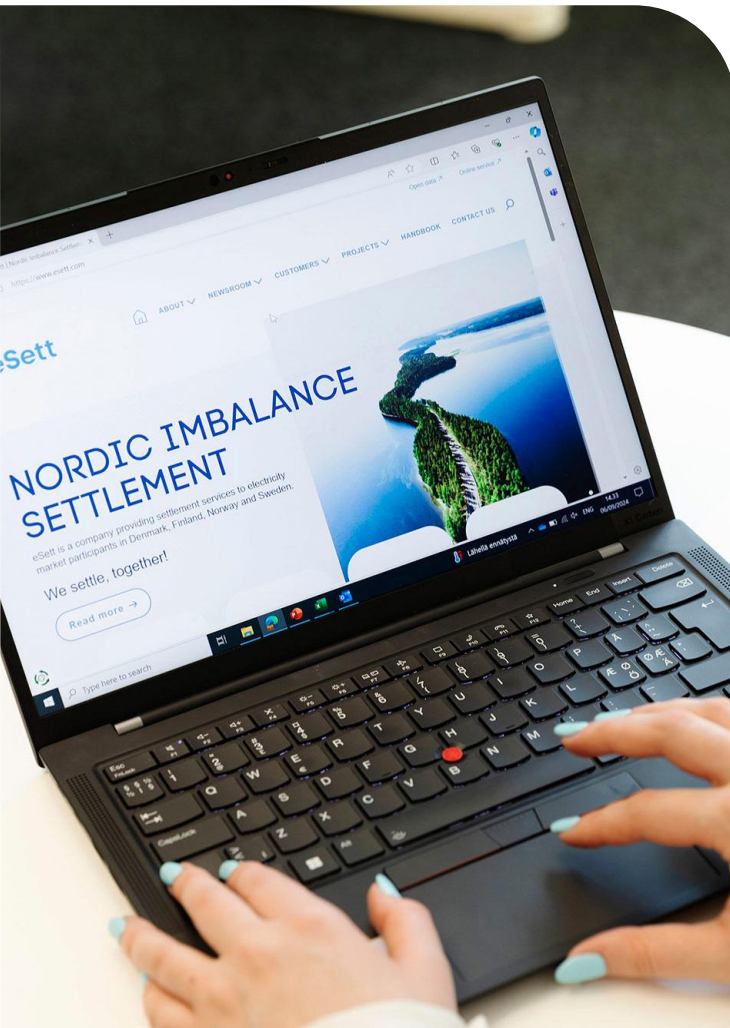


Importance of Up-to-Date BRP Contact Information

- Reliable contact information is essential for secure and well-functioning imbalance settlement
- For new and existing BRPs, maintaining up-to-date contact details is important and may not always be fully visible from the BRP perspective
- According to balance service terms, up-to-date contact information is required for:
 - Balance service agreements
 - Imbalance settlement
 - Electricity shortage communication
 - 24/7 contact person availability
 - Collateral matters
- eSett has assisted the TSOs during the past months in gathering and updating BRP contact information

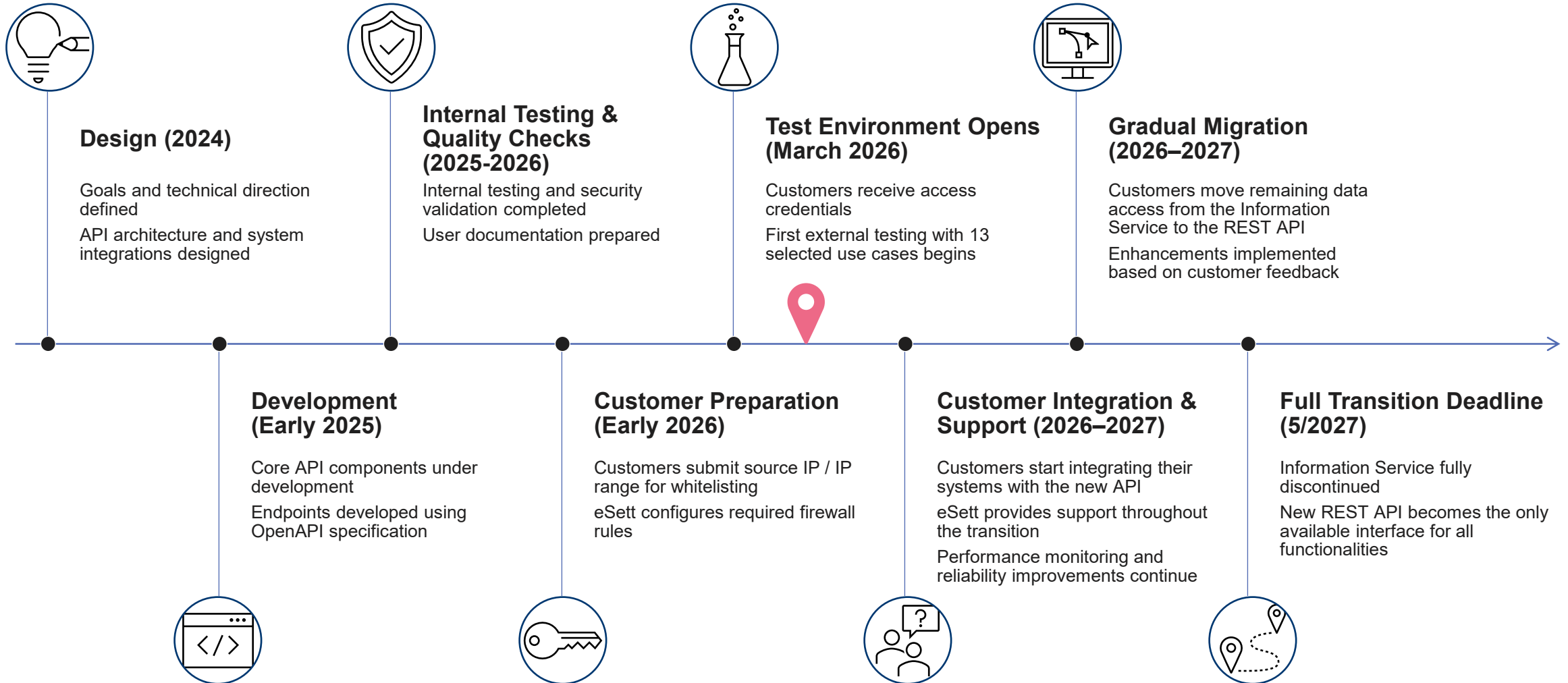


eSett API – customer testing in progress



- The new eSett API test environment was opened for customer testing on 23 March 2026.
- Enables testing and validation of integrations using test data.
- eSett API supports the transition from the current Information Service to a modern REST API.
- Instructions how to start testing can be found on eSett API project page.
- Testing status:
 - 19 customers have been whitelisted and can start testing
 - 0 feedback received (feedback form available on API page after logged in)

eSett API timeline



Enhanced Notifications and News Delivery



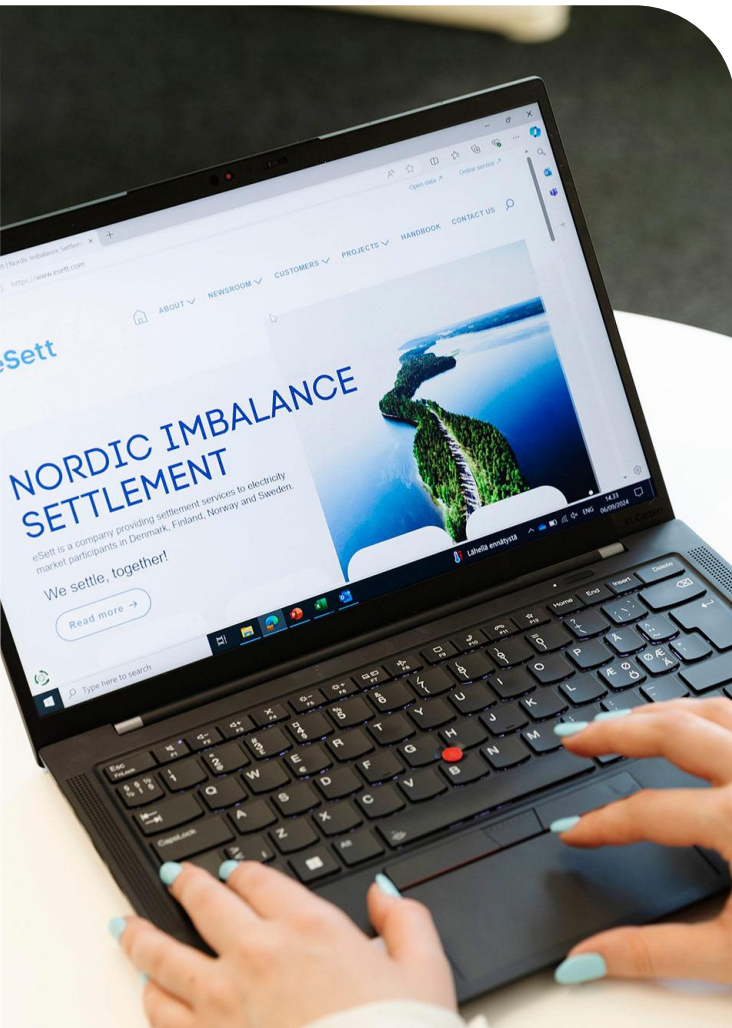
Changes to Account, Collateral and Invoicing notifications

- The functionalities related to notifications have been expanded and clarified.
- New notifications have been added, especially for the BSP role.
- Subscription to notifications is now more flexible:
 - separately for the Online Service and email.
- Notifications about upcoming BRP/BSP account termination have been disabled.
- Notification management: Online Service → Reports → Notification Management

Online Service news also via email (targeted for spring 2026)

- News published in eSett's Online Service can also be received by email.
- This improves the visibility, accessibility, and timeliness of news.

Building a More Transparent and Modern eSett



Phased modernization of eSett's back-office system

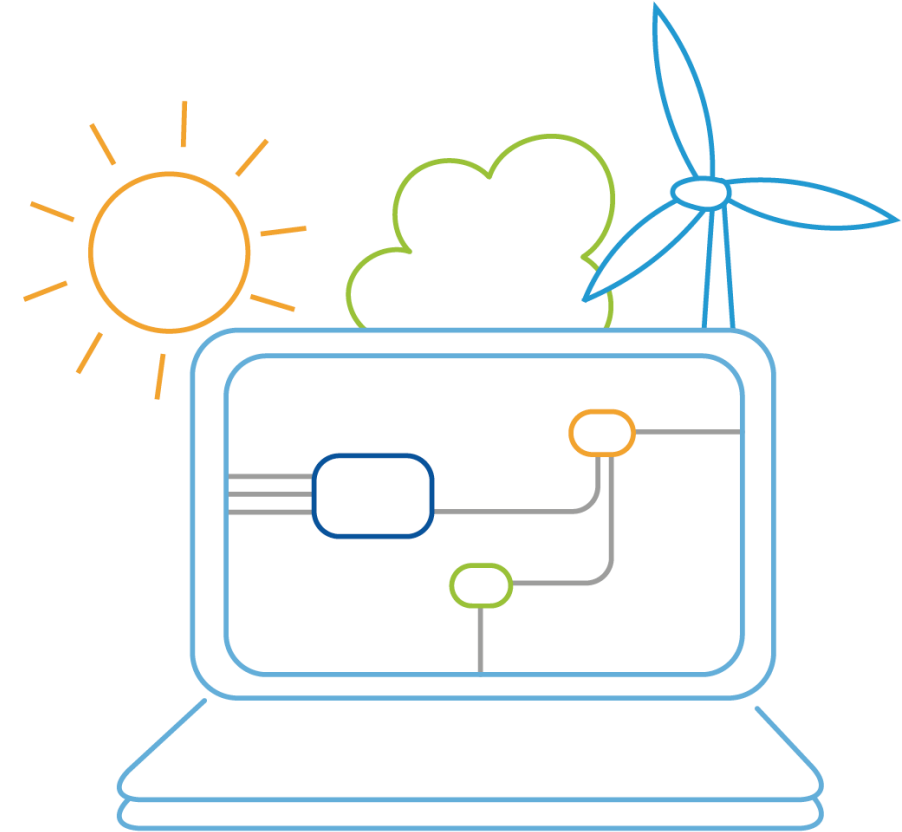
- Phase 1 of the back-office renewal was implemented in February 2026.
- The renewal covered, among other things, billing and collateral processes and improved internal tools.

Improved transparency and updated customer documentation

- Customer documentation related to data packages, message traffic, and ECP has been updated on the eSett.com website.
- Guides have been clarified and updated based on questions and feedback received from customers.

Data services harmonization: plan to discontinue hourly-resolution data packages

- Sett plans to discontinue hourly-resolution time-series data packages when a corresponding 15-minute package exists
- Applies only where both hourly and 15-minute versions exist; structural-only data packages not affected
- Data content and structure remain unchanged – only the time resolution changes.
- Market participants should update subscriptions to corresponding 15-minute versions via Online Service
 - Reports » Data Packages Management, using the row context menu (≡).
- Data delivery for remaining hourly-resolution subscriptions will end October 2026



Decommissioning of Minor Production



- The Minor vs. Normal production split is being removed.
- The separation originates from the two-balance model (pre-Nov 2021) and is no longer needed.
- All Minor production structures and time series will be converted to Normal production. Finland, Sweden and Norway are impacted (Denmark not affected).
- ProductionType will change from Z02 (Minor) to Z01 (Normal) in data flows.
- Target timing:
 - Finland: Two months after the Energy Authority has approved the terms and conditions, or earliest from September 2026. Exact date will be communicated later.
 - Sweden: Starting from delivery day 1st November 2026.
 - Norway: Starting from delivery day 1st November 2026.

eSett Annual Review 2025

- Vision, mission and strategy renewed, emphasizing smart, proactive and trusted settlement and data services for the Nordic electricity market.
- Imbalance settlement operations remained highly reliable, ensuring continuous and secure settlement despite increasing market complexity.
- Customer perspective highlighted through a case by Kamilla Lund Solumsmo (Skagerak Kraft AS), presenting how eSett's settlement and data services support market participants and where further customer value can be created.
- Completed the transition to 15-minute imbalance settlement, marking a major milestone for the Nordic electricity market and significantly improving settlement accuracy and market efficiency.
- Strengthened responsibility and resilience by emphasizing preparedness for exceptional situations, including regular contingency and emergency exercises to ensure stable and reliable operations under all conditions.





WE SETTLE, TOGETHER!

OUR PURPOSE

Proactively creating competitive edge for the Nordics

OUR MISSION

We advance efficient electricity market by pioneering settlement services

OUR VISION

The smartest services for the electricity market

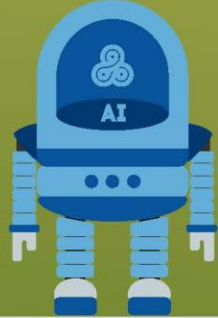
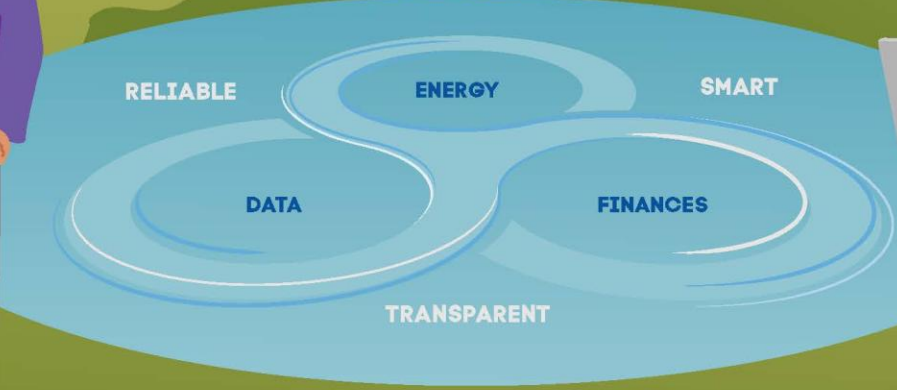


STRATEGIC OBJECTIVES

- Workplace excellence
- Preferred partner
- Smart services
- Trusted and secure operations

We're the eSettlers!

OUR VALUES
 Accountability
 Equality
 Openness
 Proactivity



SUCCESS FACTORS
SKILLED PERSONNEL





CUSTOMER ORIENTATION

EFFICIENT PROCESSES

SUSTAINABILITY

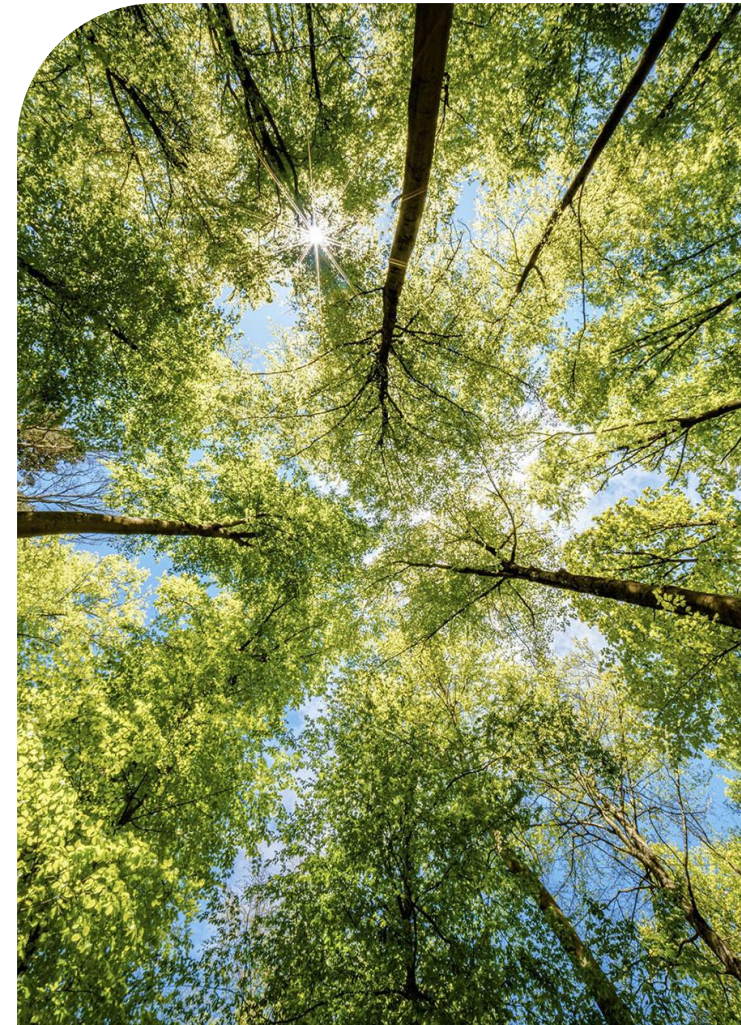
Open Data – Current Content & Country Coverage

- What is shown in eSett Open Data today
 - Market party structures (e.g. BRPs, BSPs, DSOs), imbalance prices and fees, as well as aggregated consumption, production and imbalance volumes, with availability shown per country.
- Availability and update horizons differ between countries (e.g. final vs. preliminary values).
- Discussion points
 - Does the current Open Data content meet your needs?
 - Is there data you would like eSett to consider adding or prioritizing going forward?

Data				
Balance Responsible Parties (BRPs)	✓	✓	✓	✓
Balancing Service Providers (BSPs)	✓	✓	✓	✓
Distribution System Operators (DSOs)	✓	✓	✓	✓
Retailers (REs)				
Metering Grid areas (MGA)	✓	✓	✓	✓
Retailer Balance Responsibilities (RBRs)	✓		✓	✓
Settlement Banks	✓	✓	✓	✓
Fees	✓	✓	✓	✓
Prices (two balance)	✓	✓	✓	✓
Imbalance Volumes (two balance)	✓		✓	
Imbalance Volumes (single balance)	✓		✓	
Prices (single balance)	✓	✓	✓	✓
Consumption	✓	✓	✓	✓
Production	✓	✓	✓	✓
Reconciliation Price*				✓
Load Profile				✓

Renewal of the Online Service

- The pre-study and needs assessment for renewing the Online Service has been launched
- Focus on customer benefits, user experience and future functionalities
- Work is carried out in close dialogue with customers through surveys, interviews and the Customer Committee
 - The responses will be used to support planning of further service development
 - Interviews with three customers
 - A survey was sent out to all Active Online Service Users
 - Time to answer
 - 38 answers received
 - Workshop with Customer Committee





We settle, together!



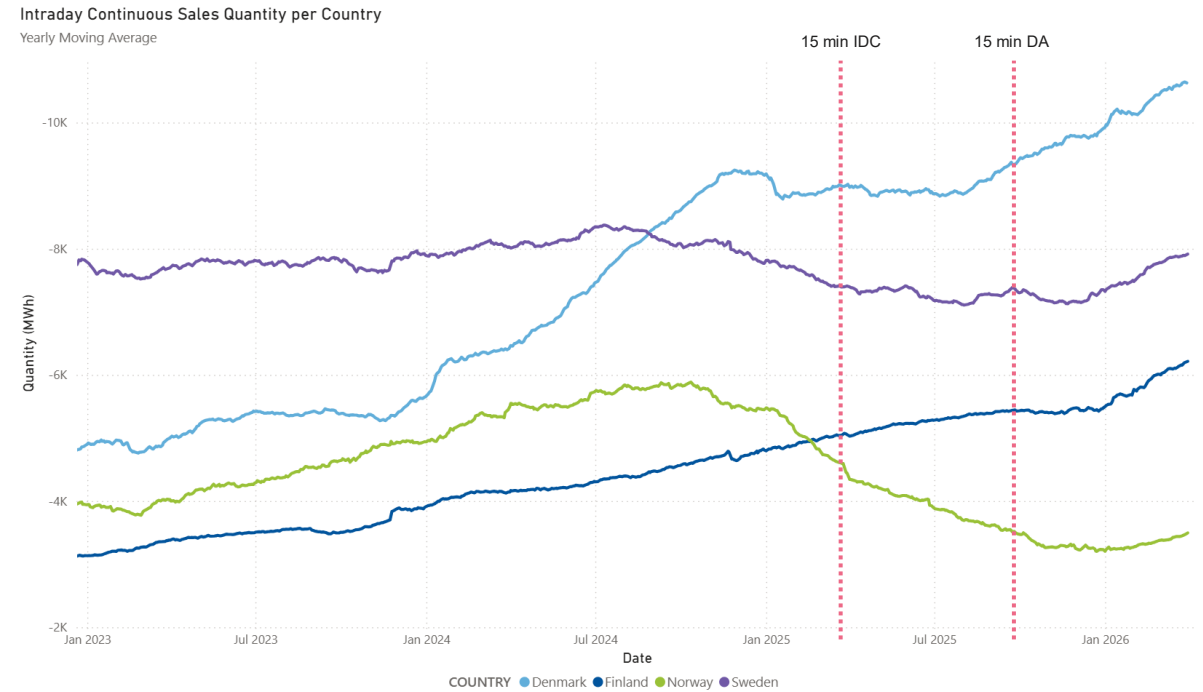
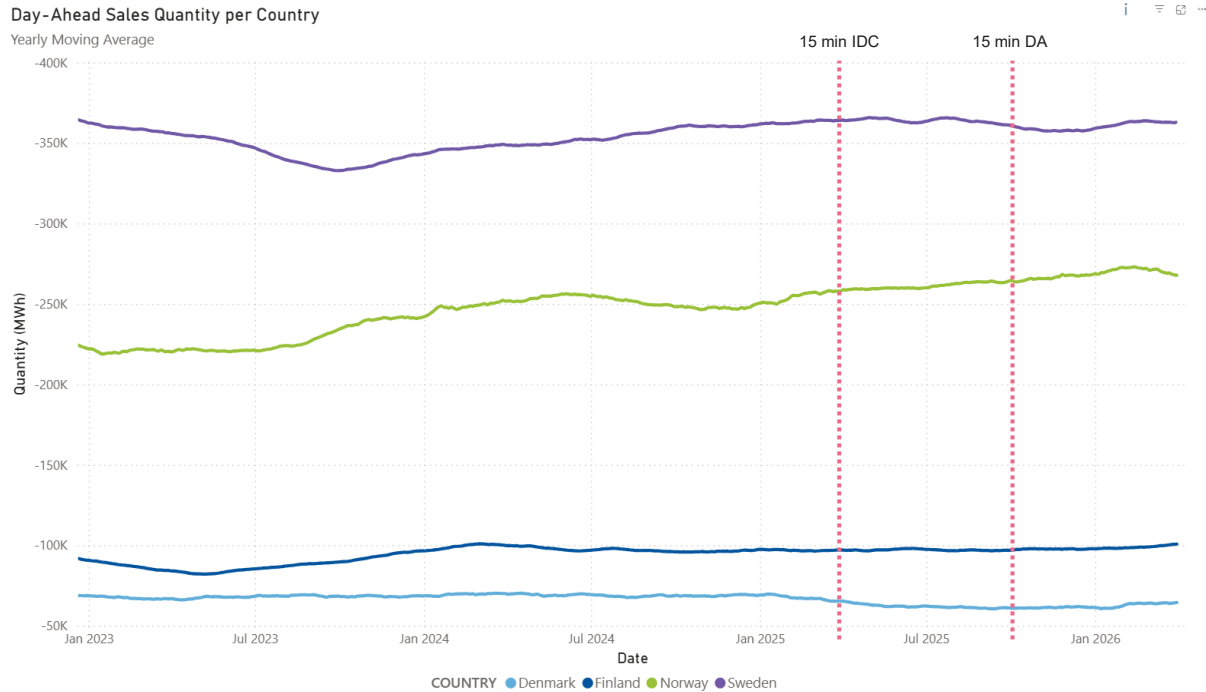
Introduction

- 15 min trading changes during 2025
 - 15 min Cross-border Intraday Continuous 19.3.2025
 - 15 min Day-Ahead 1.10.2025
- Theoretically BRPs should now be able to plan and balance their positions better compared to trading on hourly level
- This presentation includes data & analysis on
 - Day-Ahead and Intraday Continuous trading volumes
 - Imbalances on country and BRP class level



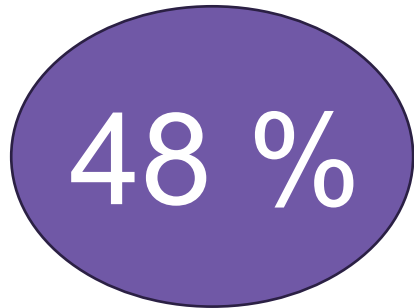
Trading volumes

Trading volumes – Yearly moving average



- No significant trend increase in Day-Ahead sales volumes is noticeable
- Increasing trend in Intraday sales volumes can be observed after 15 min trading go-lives

15 min trading activity – Day-ahead



of Day-ahead trades were done in 15 min resolution in the Nordics.

*Around 75 % of BRPs operating in Day-ahead market have traded at least one hour in 15 min.
Around 35 % of BRPs are trading Day-ahead in 15 min almost each hour.*

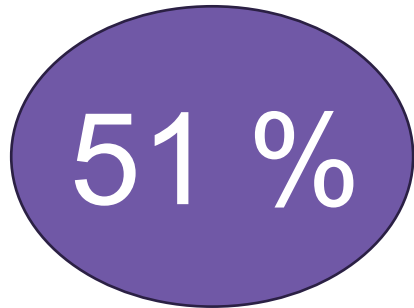
Statistics per type of BRP

Class	All	Consumer	Producer	Mixed	Trader
Count of BRP operating in the market	200	57	48	25	68
Average 15 min trading activity	48 %	63 %	74 %	59 %	12 %

Data from period 1.10.2025-31.3.2026

Statistics based on the netted trading data received for settlement from the NEMOs

15 min trading activity – Intraday Continuous



of Intraday Continuous trades were done in 15 min resolution in the Nordics.

*Around 83 % of BRPs operating in IDC market have traded at least one hour in 15 min.
Around 20 % of BRPs are trading Day-ahead in 15 min almost each hour.*

Statistics per type of BRP

Class	All	Consumer	Producer	Mixed	Trader
Count of BRP operating in the market	190	41	43	25	78
Average 15 min trading activity	51 %	50 %	63 %	65 %	40 %

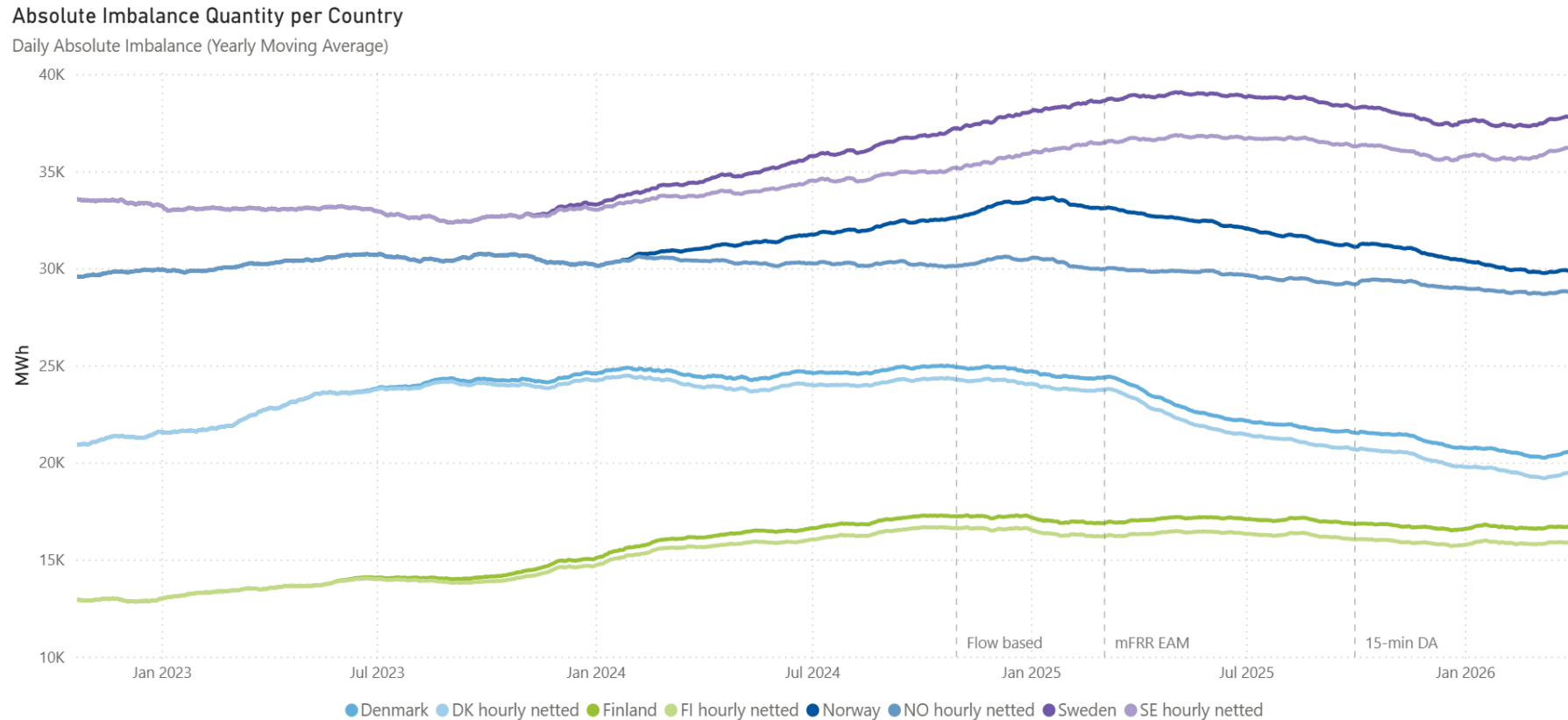
Data from period 1.10.2025-31.3.2026

Statistics based on the netted trading data received for settlement from the NEMOs

A large-scale photograph of a solar farm. The foreground is dominated by rows of dark blue solar panels with silver grid lines, extending into the distance. The background shows a lush green landscape with rolling hills, a cornfield, and a line of trees under a bright blue sky with scattered white clouds. The sun is visible on the left side, creating a lens flare effect.

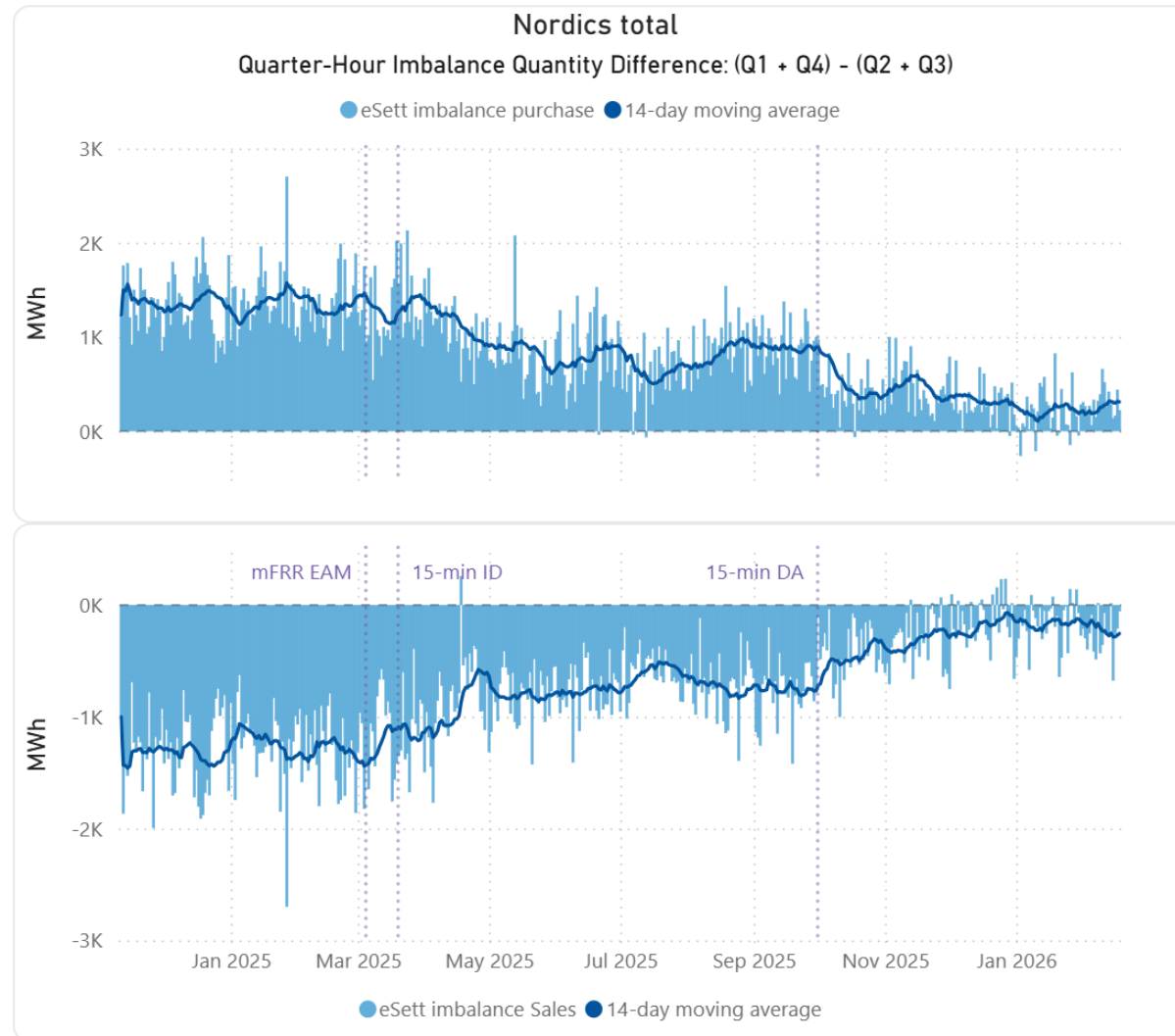
Imbalances

Imbalance volumes – Yearly moving average



- Downward trend can be observed in the imbalances in most countries
- Multiple market changes during 2024-2025 could have caused the decrease of imbalances

Imbalance volumes on hour shift

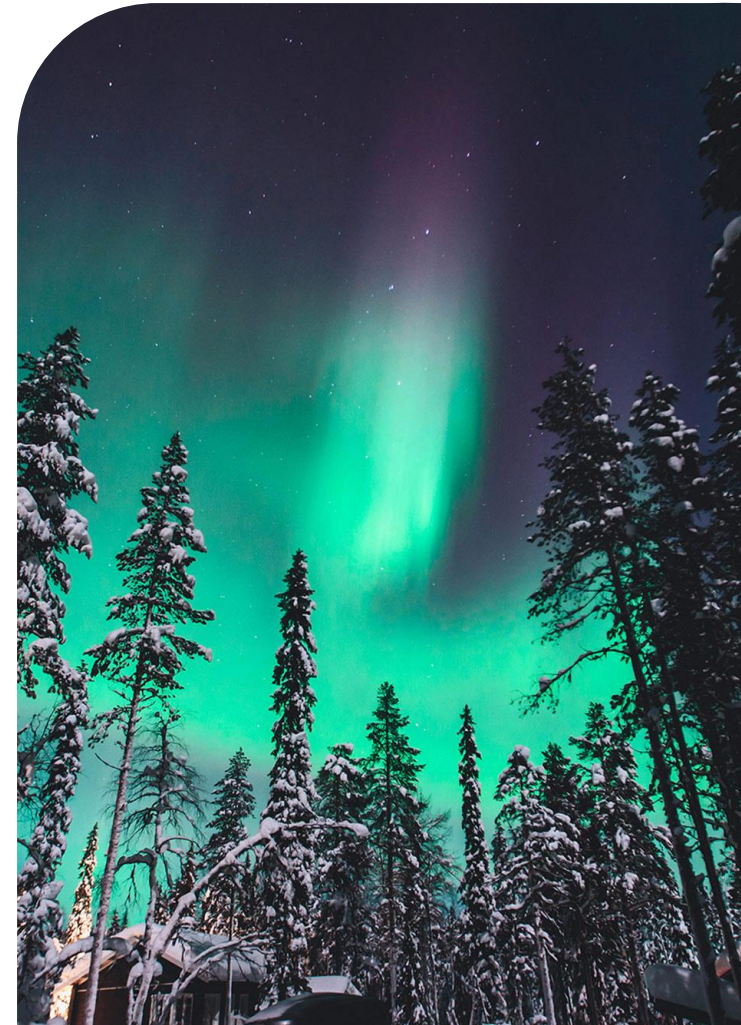


- This analysis displays the daily difference between imbalance quantities in the first and last quarter-hours (00, 45) and the middle quarter-hours (15, 30) per MBA
- After moving to 15-minute imbalance settlement, clear structural patterns emerged: outer quarter-hours (Q1/Q4) showed consistently larger imbalances than inner quarters (Q2/Q3)
- With the rollout of 15-minute market time units (cross-border Intraday → Day-Ahead), these structural deviations decreased markedly
- The reduction in quarter-hour imbalance differences would indicate that **BRPs have adopted 15-minute products** and are aligning their positions to the new granularity

Case study

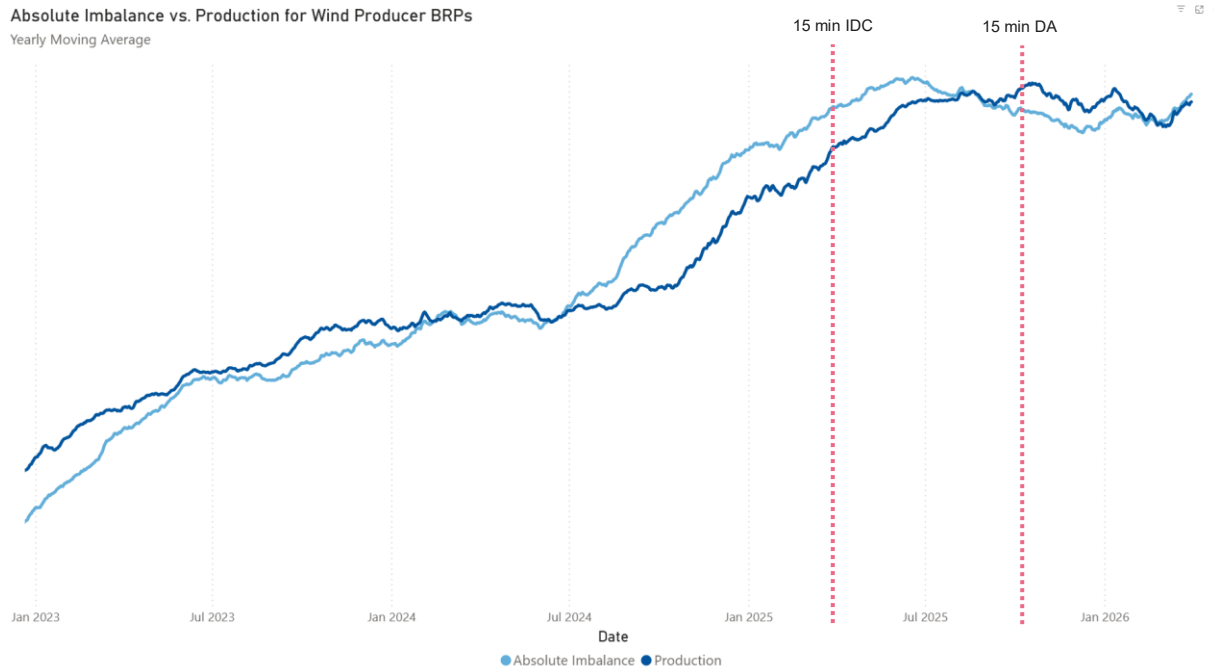
Case study - Introduction

- Comparison of two groups of “producer” BRPs:
 - Group 1: Mostly wind production
 - Group 2: Mostly hydro production
- Groups contain BRPs from different countries
- Comparing trends of trading volumes, production volumes and absolute imbalances
 - The volumes are aggregated within the group and hidden from the graphs
 - Yearly moving averages are used to mitigate seasonal variation of data
 - Data in graphs are set in separate axes to illustrate the changes in trend
→ Data is not using the same scale within the graph

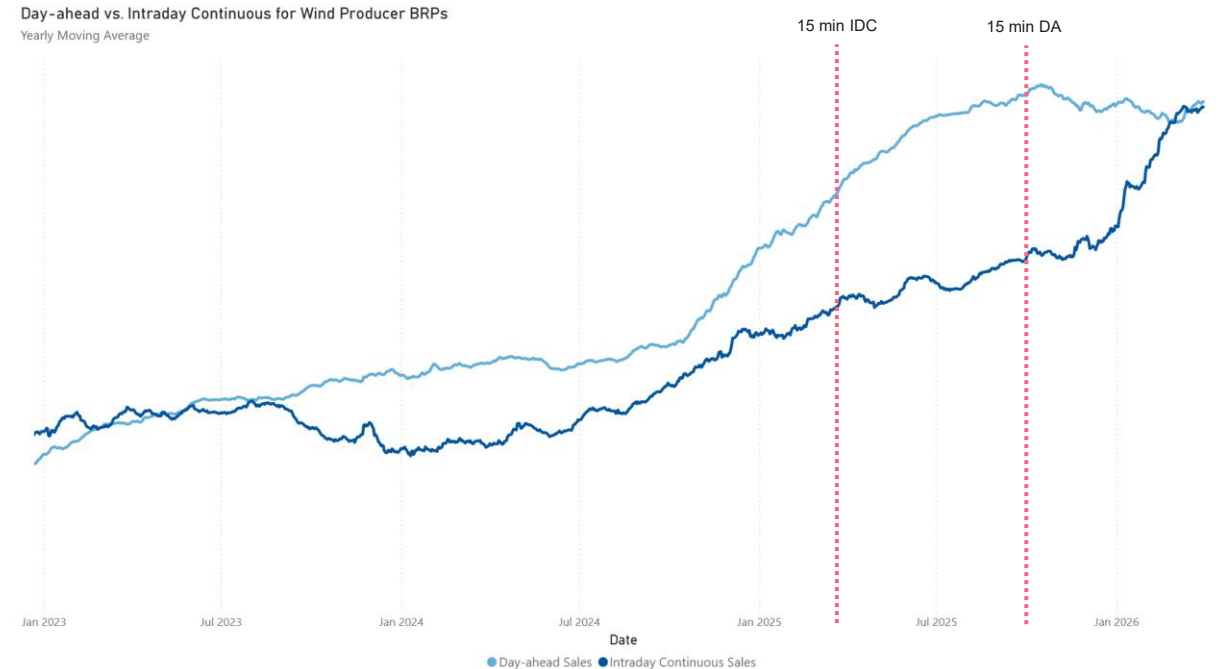


Case study – Wind producer BRPs

Absolute Imbalance vs. Production for Wind Producer BRPs
Yearly Moving Average

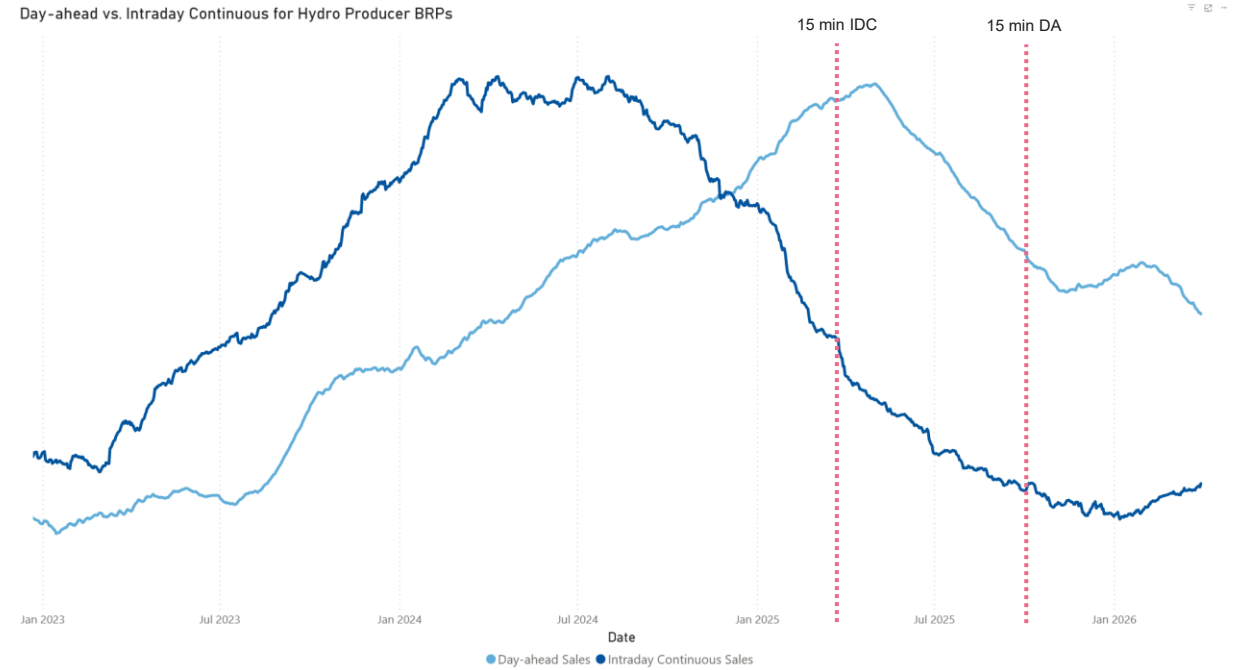
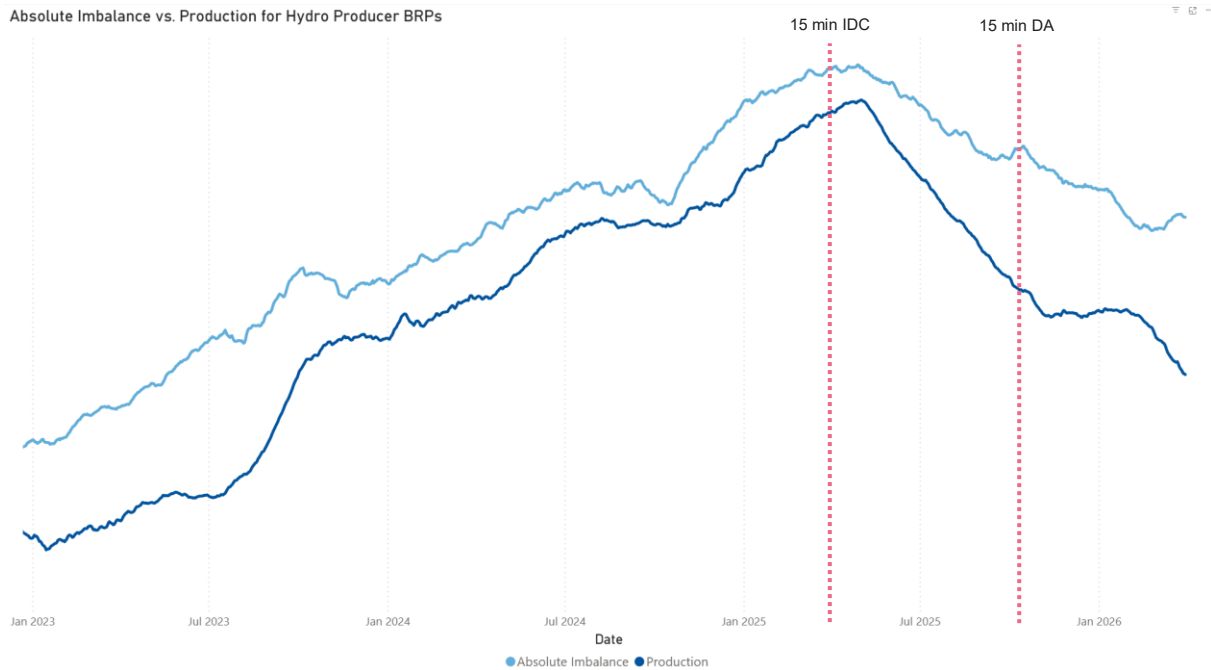


Day-ahead vs. Intraday Continuous for Wind Producer BRPs
Yearly Moving Average



- Slight downward trend in imbalances can be observed during 2025
- Increasing trend in Intraday sales volumes after 15 min Day-ahead go-live

Case study – Hydro producer BRPs



- Trend of imbalances follows trend of production quantity
- Day-ahead sales quantities follows production as well – no evident increase of sales due to the 15 min trading go-lives

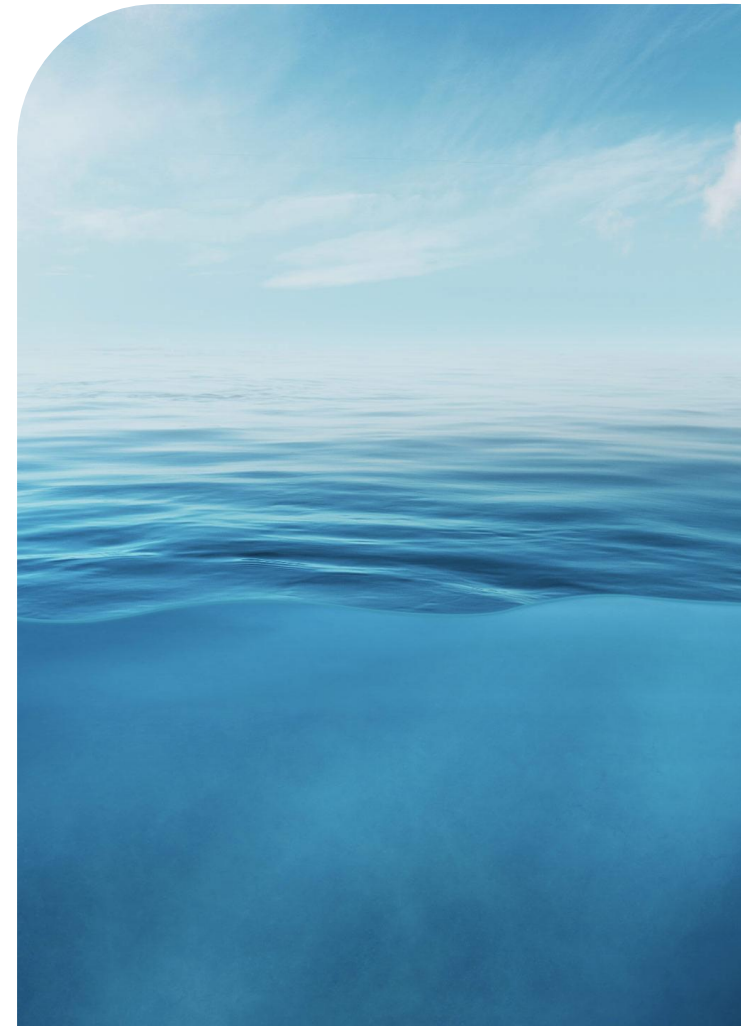
Case study - Results

- Data shows that wind producer BRPs have succeeded in decreasing their imbalances during 2025
 - One potential reason can be the trading on 15 min resolution
 - Other reasons, such as some BRPs improving with forecasting, can also be the explaining factor
- Wind production is more unstable and unpredictable than hydro production
- Trading on 15 min resolution can yield better imbalance reductions for wind production than hydro production
 - When looking at 15 min trading activity, the BRPs that are trading more on 15 min resolution usually also have more variable renewable energy in their portfolio



Summary

1. Day-ahead volumes have stayed relatively stable while Intraday Continuous volumes are showing an increasing trend
2. Imbalances on country level are not showing a drastic change, but the imbalances on hour shift have decreased – indicating that the BRPs have adopted to the 15 min trading products
3. Case study between wind and hydro producers shows the possibility that some market participants can decrease their imbalances more than other market participants with 15 min trading
 - The adaptability of 15 min products and its effect on the market participant's imbalances are unique for each market participant and is affected by the participant's portfolio





We settle, together!