













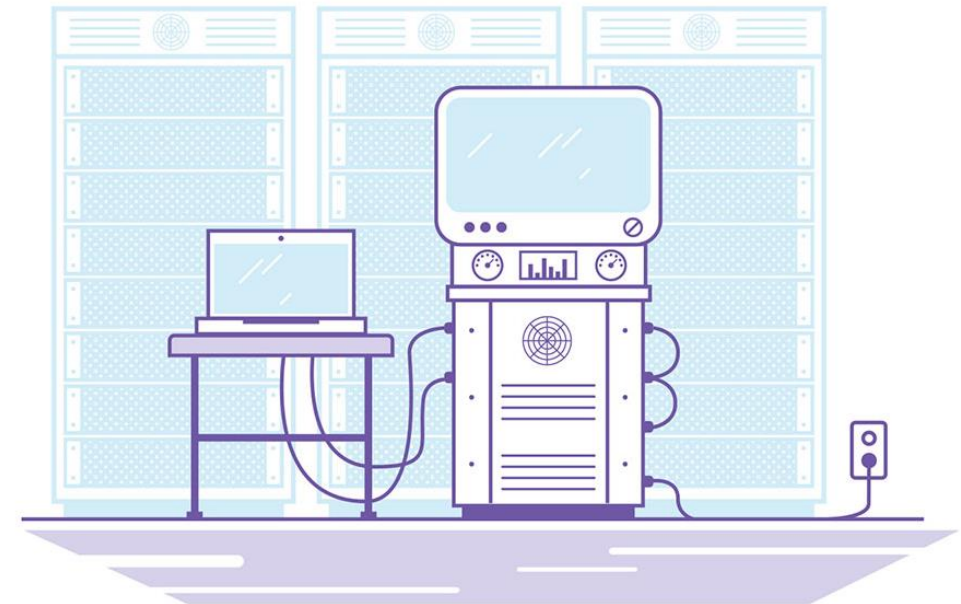
Go-live experience of the Single Balance Model from eSett's point of view

Customer Committee 23.11.2021



Current status

- Preparations before go-live 
 - System and market readiness 
 - Balance Agreement renewals 
 - Minor PU related structures' adjustment 
 - Country Fees set to the system 
 - Manual collaterals for the transition period 
- Go-live and days after it 
 - System functions working correctly 
 - Public Data with Single balance attributes 
 - Data packages working correctly 
 - Successful invoicing for single balance related period 
 - Will be executed on 22th of November
 - Dynamic collateral calculation formula in use 
 - Will be taken into use again on week 49



New views in ONLS and Public Data

Settlement > Imbalance

Units: ☒ MWh ☐ kWh
 Decimal Unit:
[Help](#)

MBA

Overview

Time Series

Time Aggregation

Period

Currency

Day

01.11.2021

07.11.2021

☒ EUR
 ☐ DKK
 ☐ NOK
 ☐ SEK

Imbalance Overview

[Refresh](#)
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[Restore Default](#)
[View Columns](#)

Period	Consumption [MWh]	Minor Production [MWh]	Normal Production [MWh]	Bilateral Trade [MWh]	PX Market Trade [MWh]	Production Imbalance Adjustments [MWh]	eSett Purch
01.11.2021	-1 704 527,705944	134,888626	112,921931	14 316,232280	10 244,985824	24,000000	1 64
02.11.2021	-1 717 621,495800	153,776291	133,864296	14 411,232280	10 320,985824	512,000000	1 65
03.11.2021	-1 731 042,985208	139,788834	117,224751	14 506,232280	10 396,985824	184,000000	1 66
04.11.2021	-1 744 128,507784	137,691963	118,772375	14 601,232280	10 472,985824	-248,000000	1 68
05.11.2021	-1 757 496,799032	154,196220	129,559916	14 696,232280	10 548,985824	264,000000	1 69
06.11.2021	-1 770 746,345576	127,287711	112,849798	14 791,232280	10 624,985824	128,000000	1 70
07.11.2021	-1 783 902,973224	147,790033	122,289518	14 886,232280	10 700,985824	8,000000	1 72
Min	-1 783 902,973224	127,287711	112,849798	14 316,232280	10 244,985824	-248,000000	1 64
Max	-1 704 527,705944	154,196220	133,864296	14 886,232280	10 700,985824	512,000000	1 72
Total	-12 209 466,812...	995,419678	847,482585	102 208,625960	73 310,900768	872,000000	11 77

Peak values for filtered time period
 Rows count: 7 of 7

Public Data
 [About eSett](#)

CONTENT:

- Balance Responsible Parties
- Distribution System Operators
- Retailers
- Metering Grid Areas
- Retailer Balance Responsibilities
- Settlement Banks
- Imbalance Volumes (single balance)
- Prices (single balance)
- Imbalance Volumes (two balance)
- Prices (two balance)
- Fees

Prices (single balance)

[Export CSV](#)

On this page eSett shares Prices related information from the Nordic market. Amounts are in EUR. Purchase and sale prices are presented from eSett's perspective. VoAA and IC are not implemented in Norway as in the other Nordic countries, but corresponding values are published for informational purposes. Data is presented until 09.11.2021. Last update: 10.11.2021 10:18

Select MBA

Denmark (1)

Finland (1)

Norway

Sweden

Start Date

End Date

07.11.2021

09.11.2021

[View Graph](#)

Date/Hour CET/CEST	MBA	Imbalance Purchase Price	Imbalance Sale Price	Up Regulation Price	Down Regulation Price	Value of Avoided Activation	Incentivising Component	Main Direction of Regulation Power per MBA
08.11.2021/06:00	DK2	30	30	173,9	30			✓
08.11.2021/06:00	FI	30	30	98,81	30			✓
08.11.2021/07:00	DK2	221,15	221,15	221,15	221,15	150,85	70,3	-
08.11.2021/07:00	FI	114,71	114,71	114,71	114,71	114,5	0,21	-
08.11.2021/08:00	DK2	214,08	214,08	214,08	214,08	153,44	60,64	-
08.11.2021/08:00	FI	129,98	129,98	129,98	129,98	129,74	0,24	-
08.11.2021/09:00	DK2	199,95	199,95	199,95	199,95	166,54	33,41	-
08.11.2021/09:00	FI	130,66	130,66	130,66	130,66	130,56	0,1	-
08.11.2021/10:00	DK2	190,17	190,17	190,17	190,17	171,65	18,52	-
08.11.2021/10:00	FI	129	129	129	125,06			✓

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What went well?

- Necessary tasks and steps have been done in schedule
- System vendor's and eSett's testing phases have been successful and therefore critical bugs have been avoided in production environment
- eSett has received positive feedback on following things:
 - Informative commissioning plan
 - Single balance related webinar (held on 14.9.21)
 - Quick responses to customers' questions/tickets concerning single balance model
- Adjustments to the documentation side were made quite agile based on market participants feedback

Change Log

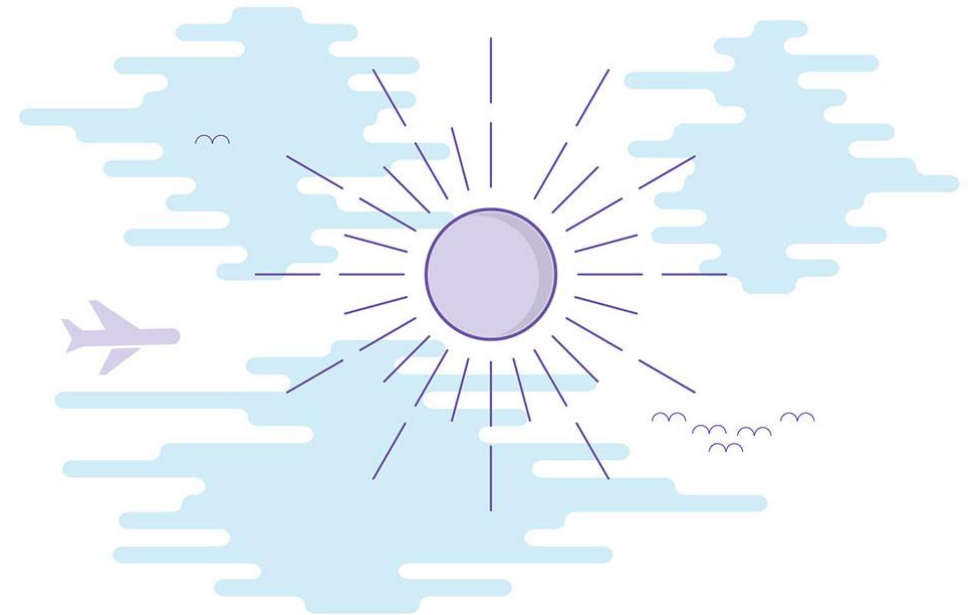
Version	Date	Changes
1.0	27.5.2020	- First version of the Single Balance commissioning plan released
1.1	16.10.2020	- Information about Imbalance price updated - Commissioning time schedule updated - Information about new Fees updated - MEPI-message information concerning DSO/Datahubs added
1.2	12.4.2021	- Example: Calculation of Imbalance Volumes
1.3	17.5.2021	- Information about agreement renewal updated - Commissioning time schedule updated - Key documents updated: Link to the Single Balance Handbook and data package examples
1.4	15.9.2021	- Information about transition period collaterals updated - Online Service views' examples added - Information about Production plans added
1.5	28.9.2021	- Slide about Production unit's RE change in Finland exact on Go-live timestamp added
1.6	26.10.2021	- Updated information concerning TSOs' production plan reporting

eSett has also published example messages to help in the testing of market participants' IT systems.

 [New Single Balance related Data Package examples](#)

Room for improvement?

- Overall project has been successful and anything major has not occurred (so far), but basically there are always room for improvement
- Communication to market participant could have been done more often
 - Webinar could have been a bit earlier or there could have been more than one Single balance specific webinar
- Specific detail changes could have been highlighted more clearly, for example new attributes in dataflows



Useful practices for the future projects

- Keep communication with the system vendors and market participants interactive and open as much as possible
- Amount of webinars could be increased
- Importance of the commissioning plan has been understood and it needs to be updated regularly or when needed





WE SETTLE, TOGETHER!

