

Merged Production in Sweden 1.4.2024

Merged Production – Overview

- A different way to model production alongside with Production Units (PUs)
- The same data flow (MEPI) will be used for structures and reporting of data.
- Objectives to
 - Reduce the number of Production Units in the system
 - Provide an easier way to handle production in the system
- Merged Production is not linked to Production Units
- Can be used to aggregate production of a retailer in an MGA instead of having multiple Production Units or a virtual Production Unit
- Very similar with existing Consumption MEC feature



Merged Production – Basic Rules

- A valid Retailer Balance Responsibility relation is the precondition for Merged Production
- Will be used to aggregate minor production (attribute: Production type)
- A direct link between Merged Production and Regulation Object can't be created in eSett's imbalance settlement system
 - Regulation Objects can still be created and used for balancing
 - eSett will investigate the possibility to link the Merged Production to a Regulation Object in the future
- Co-exists with current Production MECs in all views with similar displays and aggregations
 - Production Unit field will be empty for Merged Production
- Production overview example in Online Service:

From	To	MEC ID	RE	DSO	MBA	MGA	PU	Production Type	PU Type	RO
1.1.2017	Undefined	PROD001	RE 01	DSO 01	MBA	MGA 01	PU Name	Normal	Hydro	RO Name
1.9.2020	Undefined	MEPR001	RE 01	DSO 01	MBA	MGA 01		Minor	Solar	
9.9.2020	Undefined	MEPR002	RE 02	DSO 01	MBA	MGA 01		Minor	Wind	

Merged Production – Attributes

Attributes	Merged Production	PU Production	Consumption
MEC ID	✓	✓	✓
MBA	✓	✓	✓
MGA	✓	✓	✓
DSO (via MGA)	✓	✓	✓
RE	✓	✓	✓
BRP (via RE)	✓	✓	✓
PU		✓	
Production type	✓	(✓)	
PU type	✓	(✓)	
RO		(✓)	
Measurement type			✓
Business type			✓

*(✓) Attribute of Production Unit, not Production MEC

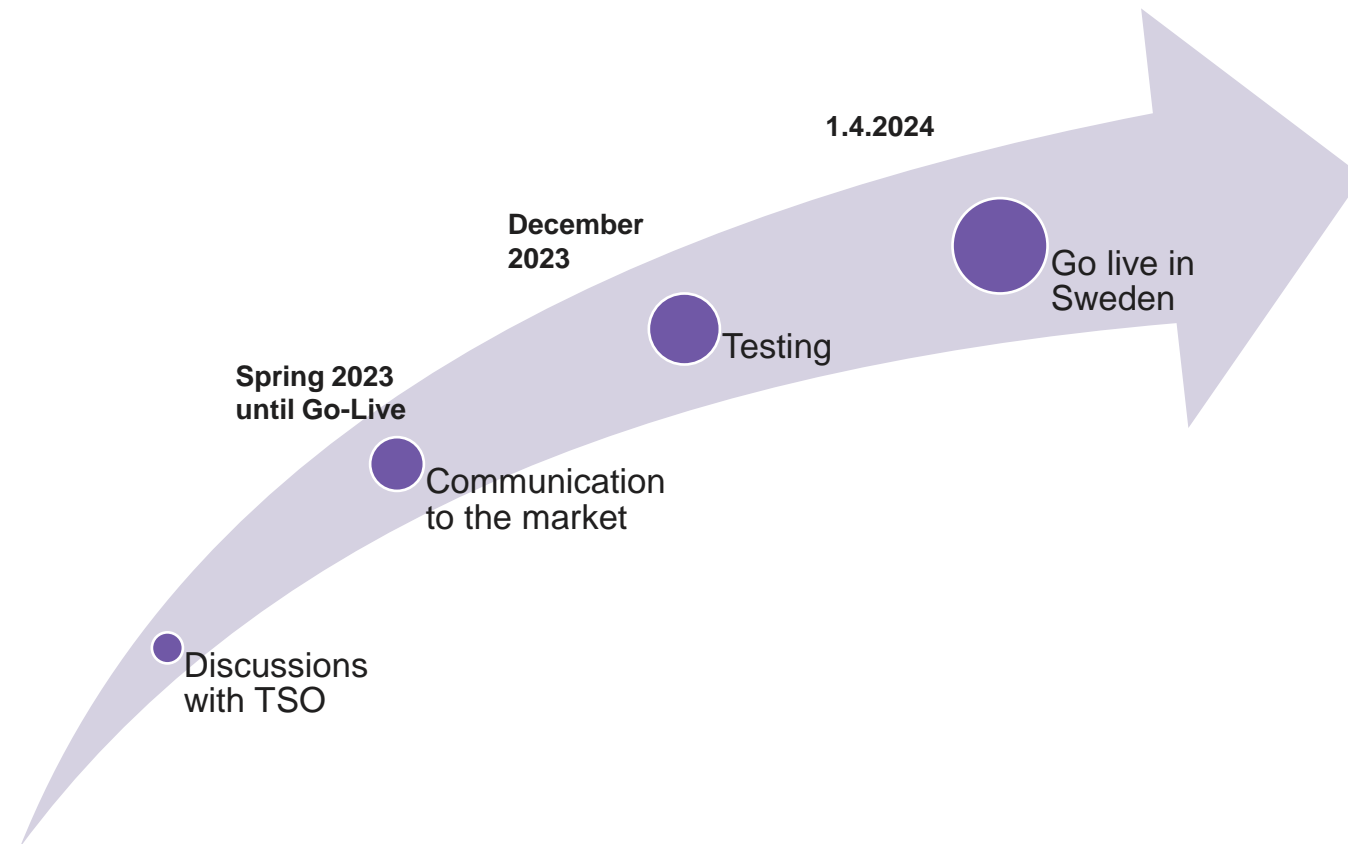


Merged Production - Structures

- Merged Production is created automatically when the Distribution System Operator (DSO) reports MEPI (Merged Production – IN) data flow.
 - In exceptional cases it can be created manually by eSett
- Merged Production can't be edited. Any change in a Merged Production MEC is basically a new MEC.
- Merged Production is terminated automatically if the DSO hasn't reported any data for 13 days in the past and 7 days into the future.
 - For example, a Merged Production MEC that has no data from 1st day of a month onwards, will be terminated on 14th after 00:00 CET
- Created and terminated MEPR series will be visible in the MEC Changes view



Merged Production –Timeline





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