

Grid Flexibility, Varberg

Interreg
North Sea

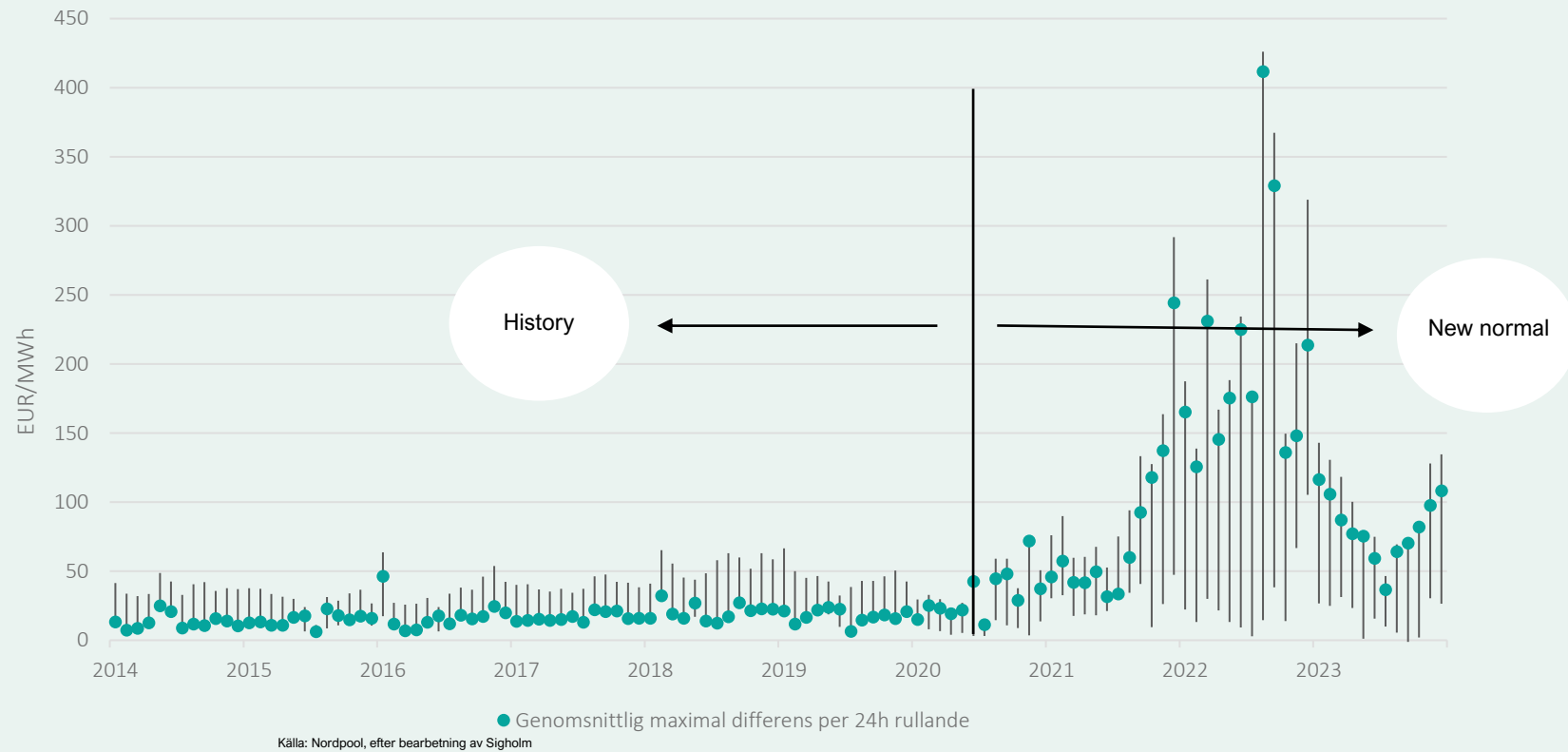


Co-funded by
the European Union

COPPER

Henrik Näsström

Energy market in Sweden

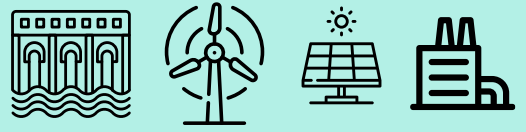


Markets | Weather | Behavior

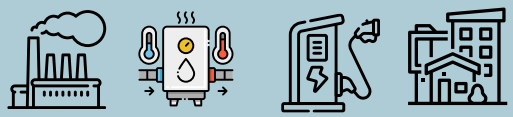
Forecast

Assets

Flexible production



Flexible consumption



Flexible storage



Ability

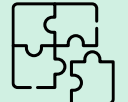
Optimizing & Trading

Tradable

Value streams



Day ahead market



Intraday market



Ancillary markets



Local flex markets



Heating flex markets



Bilateral agreements, PPA



Heating / Cooling



AI



Asset backed trading (ABT)

Statistic/ML



Assetless Trading (ALT)



Multi market optimizing

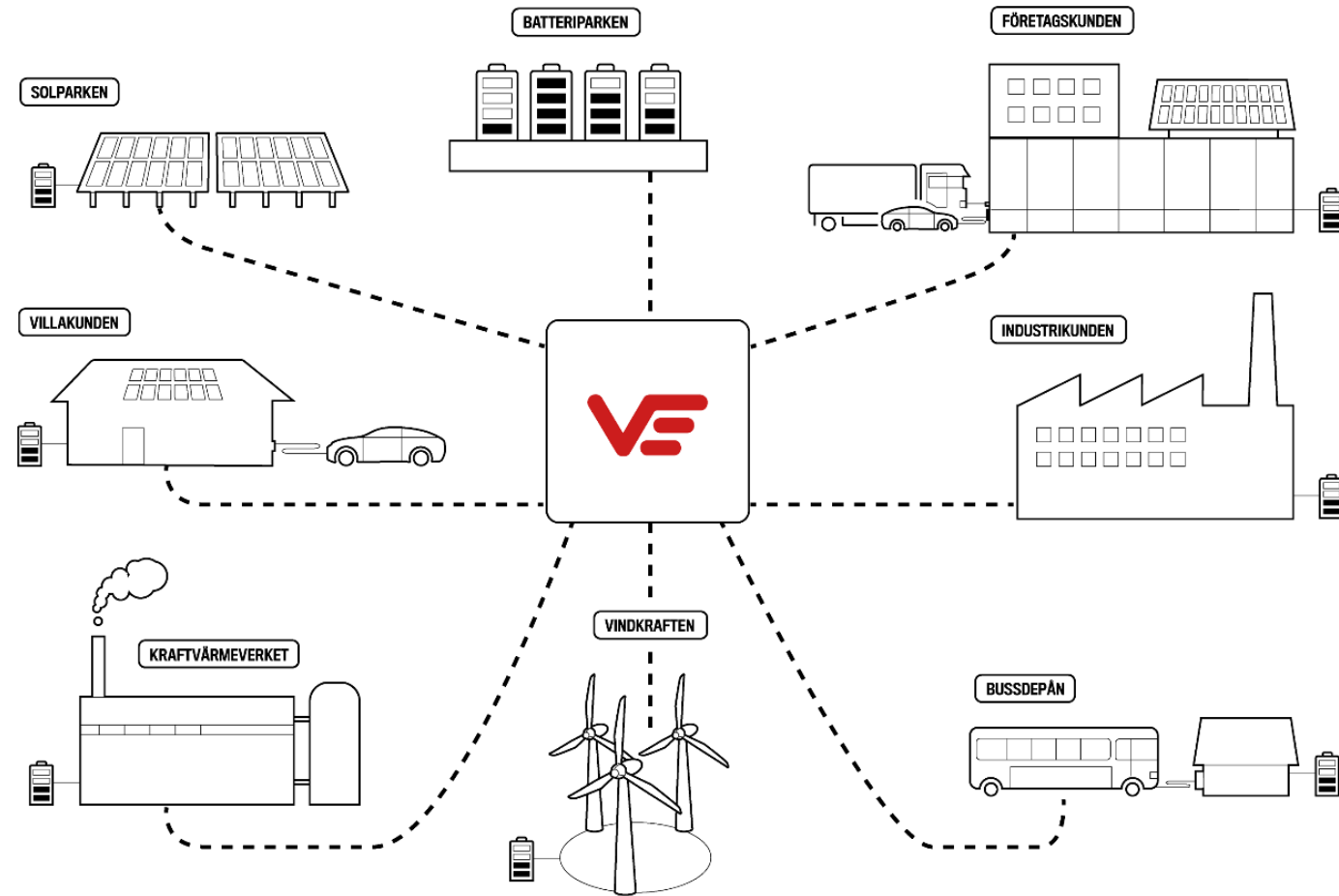


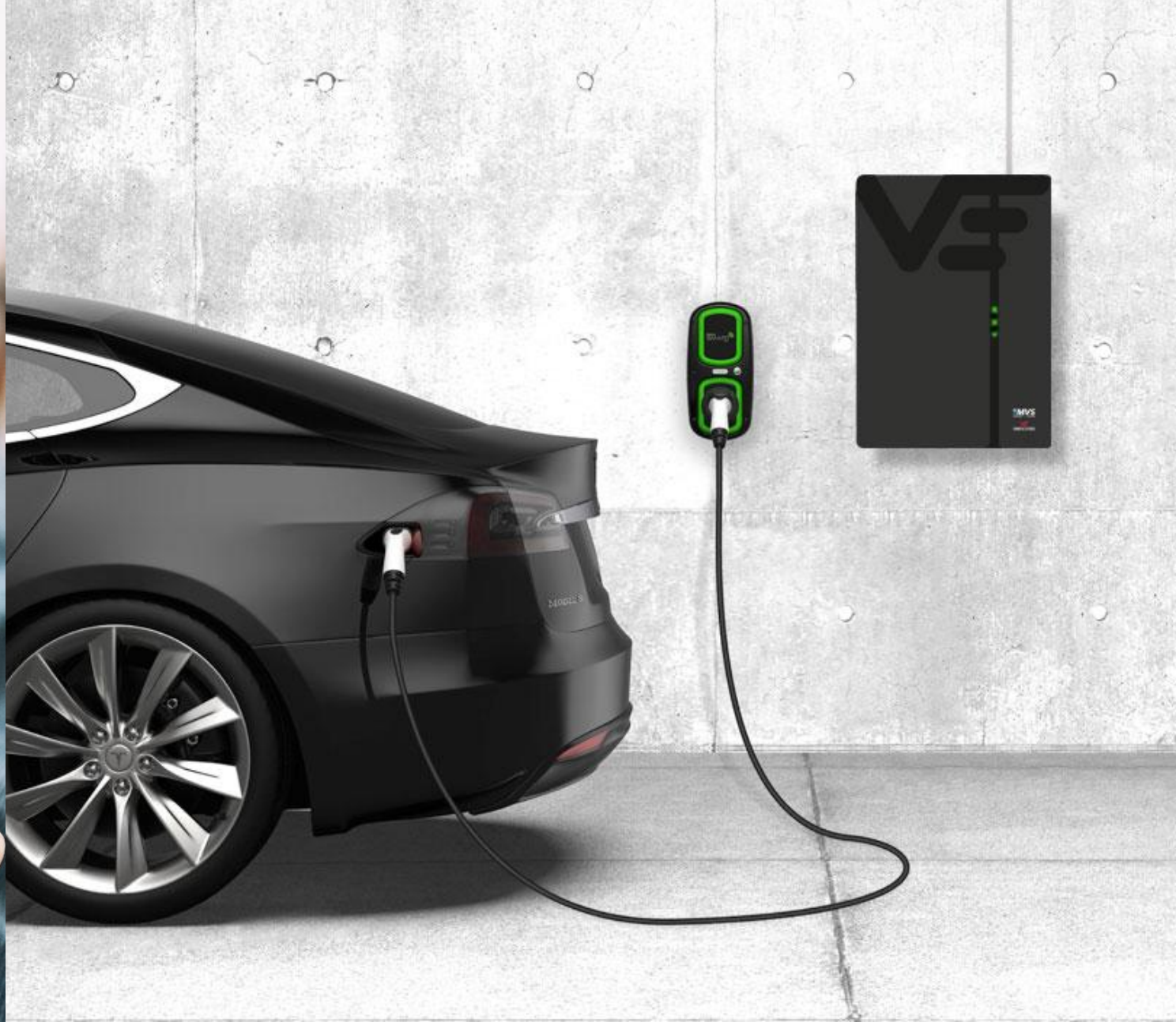
Base Load Contracts

Time series
Calculations
Boundary conditions
Data

Cash flow

COPPER







100 kW



14 MW

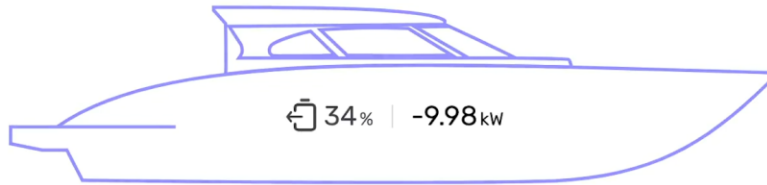


Winter storage / Krossholmen 1

CHARGER
Krossholmen 1

PAIRED BOAT
Adam Adamsson Beneteau NC47 2024-11-01 - 2025-04-30

Right now
Transferring



Stop transfer

Transfer in progress. Will stop automatically at 15%.

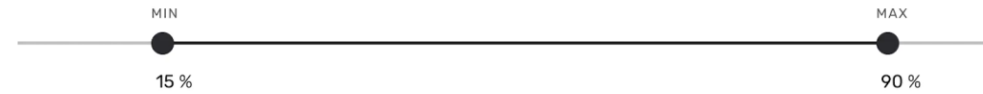
Schedule

+ Add schedule

November to March
2024-11-06 - 2025-03-31

S M T W T F S

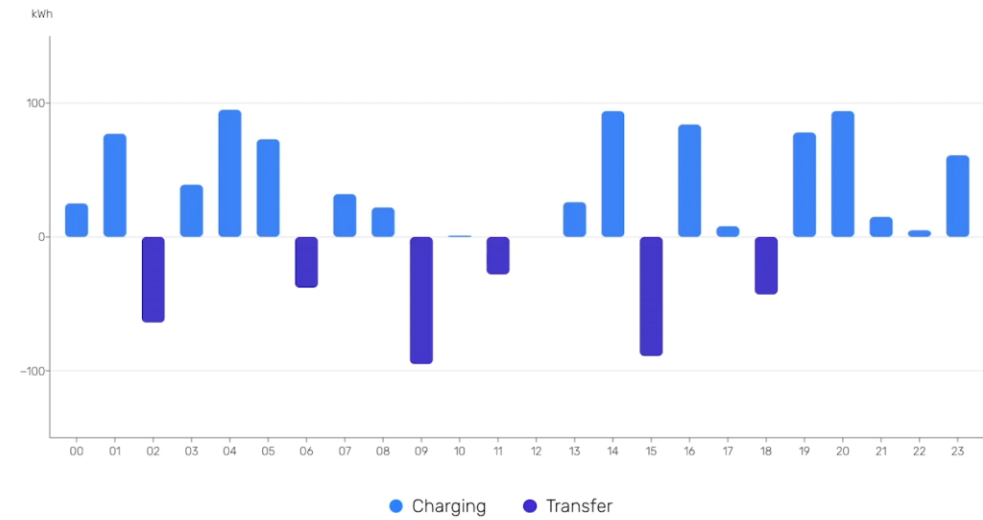
Battery limit



The battery will stay within these levels, never going below the minimum or above the maximum.

Activity

2024-11-19





Thank you!

Henrik Näsström

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