

Executive course

Batteries in Power Systems

From balancing reserves to intraday optimization, from grid connection to FCAs: the economics of BESS

27-28 August in Berlin

neon.energy/courses

Prof. Dr. Lion Hirth



What you'll learn

How BESS make money

Stacking revenues from spot markets, intraday trading, and balancing reserves

Grid impact, grid connection, and FCAs

Why grid operators are concerned and what restrictions batteries can expect

Grid tariffs for batteries

What BESS has to expect from ongoing grid tariff reforms

Your benefits

Deep insights, clearly explained

We make complex economics and regulation easy to understand – without oversimplifying

Always up to date

The latest developments, straight from the Berlin and Brussels policy bubbles

Expand your professional network

Connect with experts and decision-makers from across the power sector



Some of our previous course participants



Battery optimization

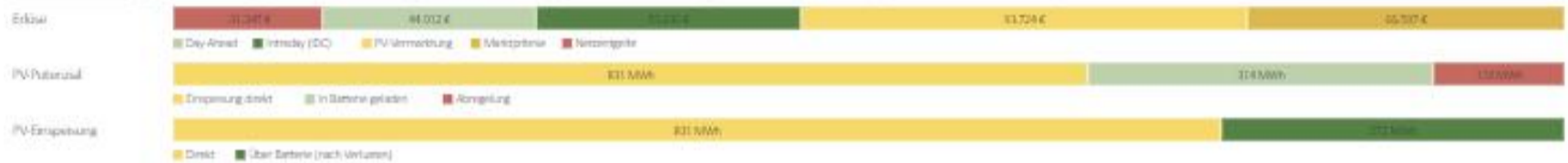
Batterie-Dispatch Explorer

Order-Market results 2.0.2_2025_04_01 Status: Das schöne Maß für die jpt110 und jpt2 — 303 Tage, 2025

DE EN

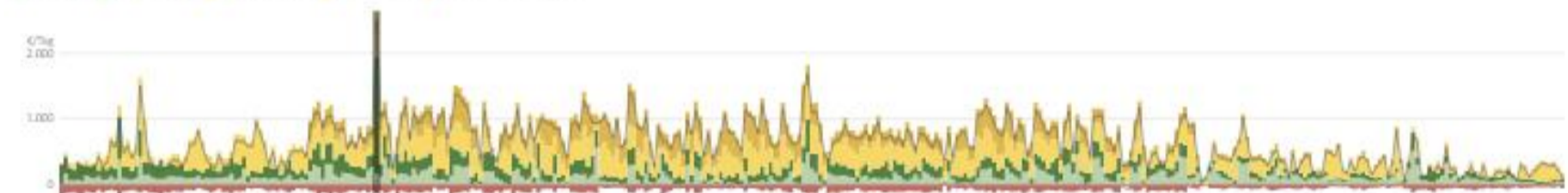
Kapazität 2 MWh
Lernung 0,5 MW
Netzanschluss 1 MW
PV 1,2 MWp
Zyklus/Tag 2
Wirkungsgrad 0,85
Stärke 100 €/MWh
Netzgebühren-Arbeitspreis 5 €/MWh

Jahresüberblick — hochgerechnet auf 303 Tage (303 Datentage)



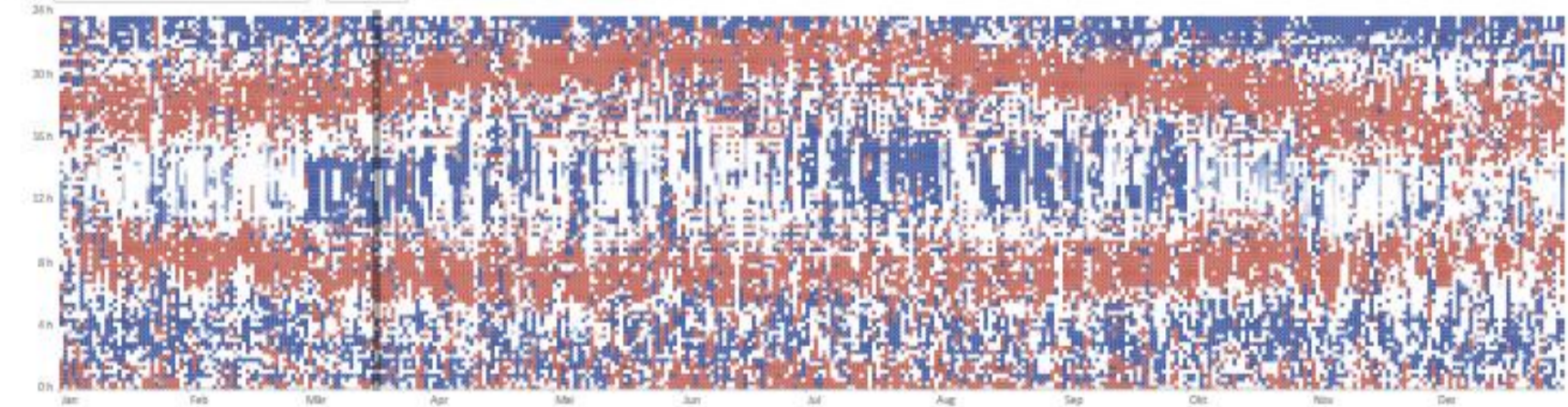
Umsatz pro Tag nach Markt

Day-Ahead Intraday (DC) PV-Vermarktung Marktpreise Netzgebühren Summe



Dispatch-Heatmap — Tag anwählen für Detailsicht

Ebene: Batterie-Dispatch (Netzseite) [MW]
 CSU-Export
 -0,5 MW █ █ 0,5 MW

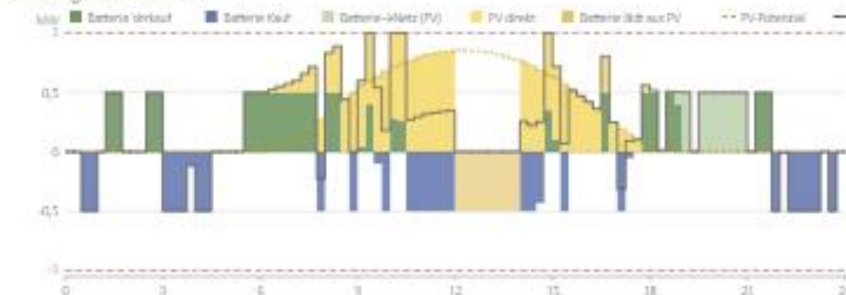


Tagesdetail — Di, 18. Mär 2025

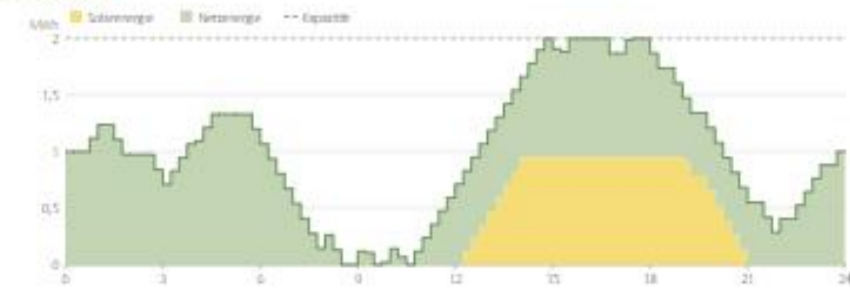
Vortag Folgetag (Sucht mit Pfeiltasten < ->)



Nutzung Netzanschluss



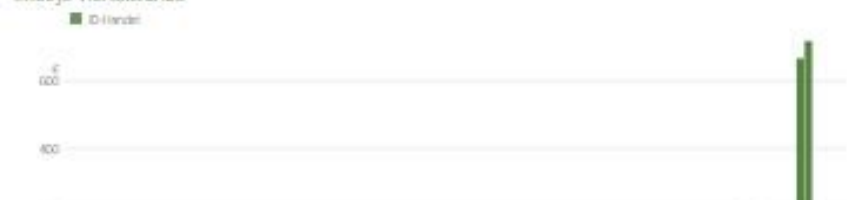
Ladenzustand



ID-Preise & Handelsgeschäfte



Erlös je Viertelstunde



Your instructor

Taught by Lion Hirth

Supported by the entire Neon team



Key facts

Where and when

27-28 August in Berlin

Instruction language

English

Premium course material

You will love our printed booklets

Participation certificates

Showcase your new expertise with a LinkedIn badge

Course fee

EUR 2,000 + VAT



Learn more and register
neon.energy/courses

Get in touch
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