



Invited Speaker

Andreas Svendstrup- Bjerre

Head of Business Development
BattMan Energy, Denmark

Making It work: Connecting a 20 MW BESS to a weaker distribution grid (G0401)

Talk Title

Making It work: Connecting a 20 MW BESS to a weaker distribution grid

Biography

Andreas Svendstrup-Bjerre, based in Aarhus, DK, is currently a Head of Business Development at BattMan Energy. He brings experience from previous roles at Vestas, Ørsted and DONG Energy. Holds a 2002 - 2008 Master student @ DTU - Technical University of Denmark. With a robust skill set that includes Wind, Matlab, Analysis, Power Systems, Control Theory and more.

He is a technology developer, sales engineer, process and system designer as well as a change facilitator. Over the past 12 years working in the European energy sector making way for the green transition by mobilising the demand side he became an expert in identifying flexible capacity within asset portfolios and monetising this flexibility in Denmark, Germany and the UK. He knows the rules and regulations, market development as well as the participating customers' concerns and opportunities.

He has experience with the whole internal value train from supporting the Key Account Managers at initial sales meetings to consulting the Back-office personnel while they invoice customers. On this basis, he has optimized value offers and identified new value creation potential. This now makes it possible to monetize customers' flexibility ever more efficiently and to build a value-creation partnership with them.

| Abstract

This presentation shares practical lessons from connecting a 20 MW / 40 MWh stand-alone BESS to a weaker distribution grid. The aim is to deliver ancillary services and wholesale arbitrage, but rapid power ramping causes unacceptable voltage fluctuations. This required unprecedented cooperation between battery operator and DSO — a first in Denmark. We cover the benefits and drawbacks of socialised grid connection costs, practical dos and don'ts, and how both parties matured in an environment lacking established regulation but with mutual willingness to make it work.