

Outdoor communication power supply installation in BESS house in Stockholm





Overview

Where is the 10MW Bess project located?

The 10MW BESS will be strategically located in SE3, helping to stabilize the grid by providing ancillary and balancing services across frequency markets. “We are excited to deliver this project to our customer,” said Magnus Haggström, Chief Commercial Officer at Helios Nordic Energy.

Does Bess require uninterrupted power?

Some BESS suppliers mandate uninterrupted power to maintain the operation of thermal management systems, ensuring battery temperatures remain within desired limits to minimize degradation. BESS fire safety standards, such as NFPA 855, outline minimum requirements for backup power for fire safety systems.

Do I need backup power for a Bess auxiliary load?

For certain projects, backup power must be provided for the BESS auxiliary load as required by the BESS supplier or fire codes. Some BESS suppliers mandate uninterrupted power to maintain the operation of thermal management systems, ensuring battery temperatures remain within desired limits to minimize degradation.

Who is responsible for the electricity costs associated with Bess auxiliary loads?

Project owners are also responsible for the electricity costs associated with the BESS auxiliary load during operation. The electricity cost for auxiliary loads depends on the energy consumption (kWh) and the pricing structure set by independent system operators or utilities. For example:



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BESS Auxiliary Power

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BESS Auxiliary Power

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Stockholm Outdoor Power Supply BESS

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