SolarInnovate Energy Solutions

Stockholm stacked battery storage

Overview

How will a new Battery Park work in Stockholm?

The two companies form a joint venture that will build battery parks to deliver power and support services that provide stability to the energy systems in the Stockholm area. The first step for the newly formed JV will be to establish a 20 MW battery park in Stockholm county that will be completed in 2023.

What is Uppsala's battery storage project?

What’s unique about this project is that it can support both Uppsala’s electricity grid capacity as a service for Vattenfall Eldistribution, and help Svenska Kraftnät (the Swedish power grid authority) in its role to balance the frequency in Sweden. The battery storage will have a delivery capacity of 5 MW and about 20 MWh – e.g. 4 MW in 5 hours.

What is Stockholm exergi doing with polar capacity?

Facts about the collaboration: Stockholm Exergi and Polar Capacity have agreed to form a joint venture to build and install large-scale battery parks in the Stockholm metropolitan area. The goal is to establish a minimum of at least 100 MW, and the first battery park of 20 MW will be ready in 2023. Stockholm Exergi is Stockholm’s energy provider.

What is Stockholm exergi?

The goal is to establish a minimum of at least 100 MW, and the first battery park of 20 MW will be ready in 2023. Stockholm Exergi is Stockholm’s energy provider. Using resource-efficient solutions, we ensure that the growing Stockholm region has access to electricity, heating, cooling and waste services.

How does Stockholm's energy supply cope with a power shortage?

The energy supply in the Stockholm metropolitan region is already facing significant challenges with increasing power shortages. To meet the region’s

needs, the energy company Stockholm Exergi and the power operator Polar Capacity are now investing together to build large-scale battery parks with a combined minimum power of 100 MW.

How many mw can a battery storage system deliver?

The battery storage will have a delivery capacity of 5 MW and about 20 MWh – e.g. 4 MW in 5 hours. It consists of four modules and a 10 kV switchgear, and will be connected to the 10 kV distribution system.

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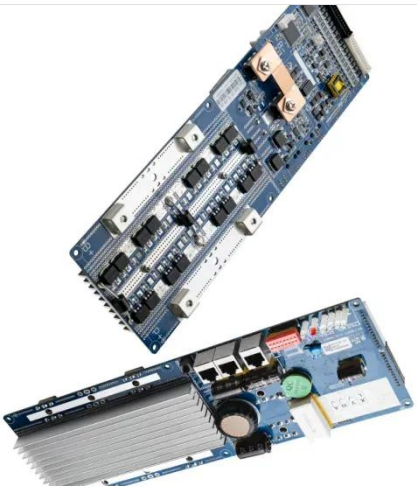

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