

SolarGrid Energy Solutions

Behind-the-meter energy storage project in Tampere Finland



Overview

Where will Taaleri Energia invest in a battery energy storage system?

Taaleri Energia will invest in a 30 MW/36 MWh battery energy storage system (BESS) in Lempäälä, some 25 km south of Tampere, Finland. The facility will be one of the largest BESS' operating in the Finnish frequency reserve market. The capacity of the system has the potential to be doubled in the future.

Who is deploying a 30mw/36mwh battery energy storage system in Finland?

Taaleri Energia and Merus Power have partnered to deploy a 30MW/36MWh battery energy storage system in Finland, one of the country's largest.

Is Finland a good place to invest in battery energy storage?

In addition to that, Finland has a strong culture focusing on core business functions and there is always plenty of space for services. It is, however, noticeable that battery energy storage systems or services are demonstrated only by larger companies, which have got typically 30% investment support.

Where is the battery energy storage system located?

Battery Energy Storage System in the energy community (Marjamäki, Lempäälä) The LEMENE smart energy system is under construction in Marjamäki business area near the city of Tampere in Finland. The project will deliver the largest energy self-sufficient business district using renewable energy in Finland.

How many battery installations are there in Finland?

Today there are approximately 10 battery installations in Finland (see Table 1), which are providing services for different stakeholders in the energy value chain. First, the case studies are classified based on the framework presented above, and next, the main concerns raised in the interviews conducted are outlined.

What is battery energy storage system?

It mainly comprises of Lithium-ion batteries and battery management system, power conversions system (PCS) and main Merus MCC controller. A special feature of the Battery Energy Storage System is the power quality improvement functionality, which can be utilized continuously regardless of energy storing or discharging features.

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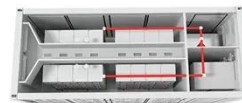


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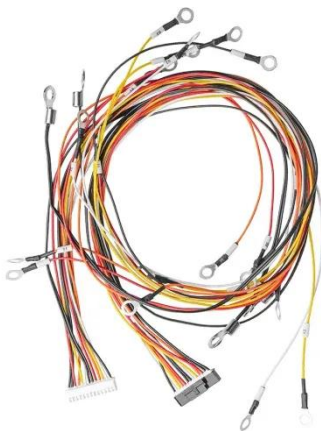
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Taaleri invests in 30 MW battery energy storage system (BESS) project

Taaleri Energia is investing in a 30 MW/36 MWh battery energy storage

DETAILS AND PACKAGING



1 USER MANUAL PDF 2 RJ45 Cable For RS485/CAN 3 Battery in Parallel Cables
4 RJ45 TO USB Monitor Cable 5 M8 Terminal*4

system (BESS) project at Lempaala, approximately 25 km south of Tampere, Finland. In the future, it may be possible to ...

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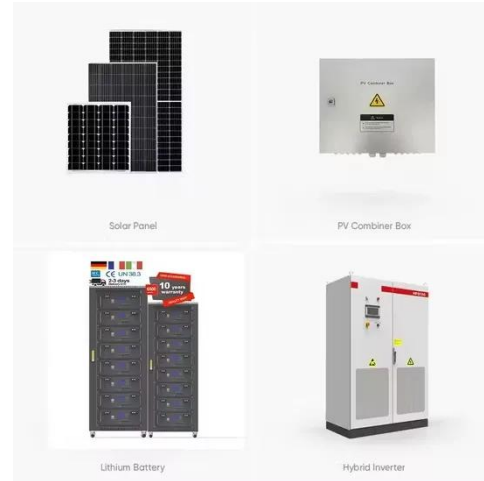
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Tampere Energy Storage Industrial Park Project in Finland

The LEMENE Microgrid Project is a smart grid project being developed in Marjamaki Industrial area, Pirkanmaa, Finland. Skip to site menu Skip to page content. PT. Menu. SolarBank ...



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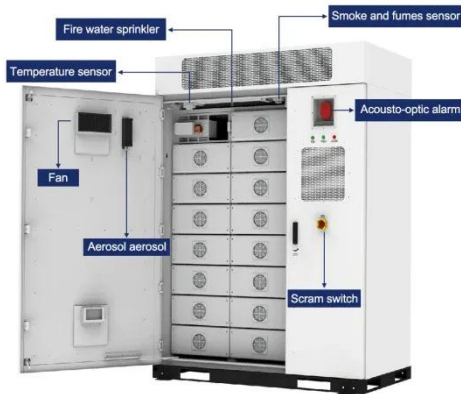
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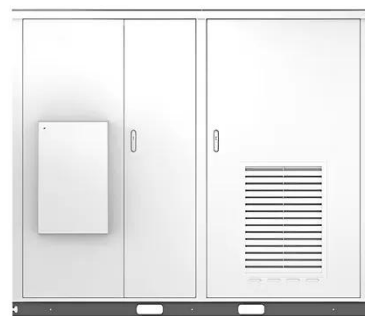
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