

# Swedish thermal power invests in energy storage

Why did we choose BW energy storage systems?

We have chosen BW Energy Storage Systems because of their expertise in energy systems and our shared long-term view on the necessary developments needed to secure the functionality of our national grids. This makes them an excellent partner at this stage of Ingrid Capacity's development". Says Ibrahim Baylan, board member of Ingrid Capacity.

Did BW Group invest in Ingrid capacity?

A battery storage subsidiary of maritime company BW Group has committed to investing in Swedish energy storage developer Ingrid Capacity. Ingrid Capacity said this morning it had secured "around SEK1 billion (US\$96.7 million)" of investment from Singapore-headquartered shipping and maritime player BW Group's BW Energy Storage Systems (BW ESS).

Which Swedish energy storages are being built in 2024?

13 February 2024 SWEDEN - The energy storages are being built in Falköping (16 MW), Karlskrona (16 MW), Katrineholm (20 MW), Mjölby (8 MW), Sandviken (20 MW), Vaggeryd (11 MW), Värnamo (20 MW) and Västervik (11 MW). A storage with a power of 20 MW correlates to what a Swedish town with 40,000 inhabitants on average consumes during peak hours.

How will Sweden's second-largest battery storage system be built?

The fund will provide the financing needed to build Sweden's second-largest battery storage system. Within 12 months, 13 local battery storage systems with a total capacity of nearly 200 megawatts will be connected to the local grids, adding necessary flexibility to the system by participating on the grid frequency control market.

How many MW of energy is being built in Sweden?

An output of more than 200 MW is now in construction. 13 February 2024 SWEDEN - The energy storages are being built in Falköping (16 MW), Karlskrona (16 MW), Katrineholm (20 MW), Mjölby (8 MW), Sandviken (20 MW), Vaggeryd (11 MW), Värnamo (20 MW) and Västervik (11 MW).

Why do we need cold storage in Sweden?

To lower the installation costs of a DC system yet still to cover the peak cooling demands, cold storage is sought for. Despite experiencing a northern climate, Sweden also has a considerable cooling demand throughout the year, particularly from industrial, service and commercial sectors.

TES offers benefits in balancing the time and location mismatch between thermal supplies and demands, allowing peak shaving and load shifting while improving energy efficiency and reducing emissions. TES also enables flexible sector ...

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Swedish energy storage company Ingrid Capacity, the market leader in the Nordics, secures approx. SEK 1bn of investments from BW Energy Storage Systems (BW ESS), a part of BW Group, to accelerate growth and ...

Energy storage and grid stability are among the most important issues in the new energy world. Energy storage systems have the potential to play a key role in integrating ...

Vantaa Energy, one of Finland's largest city energy companies, has awarded an alliance formed by AFRY and YIT to develop the world's largest cavern thermal energy storage in Vantaa, Finland. The innovative thermal ...

Swedish fashion giant H& M Group is partnering with Rondo Energy, a leading provider of zero-carbon industrial heat and power, to research the potential of ... The company's thermal ...

In March 2023, Rondo started the first commercially operating electric thermal energy storage system in the U.S., with the highest efficiency and temperature energy storage ...

As a first step in assessing the potential of thermal energy storage in Swedish buildings, the current situation of the Swedish building stock and different storage methods are discussed in ...