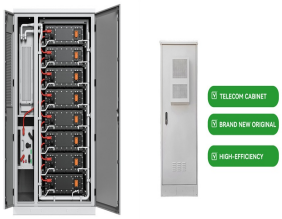
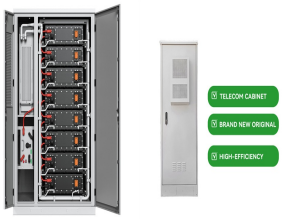
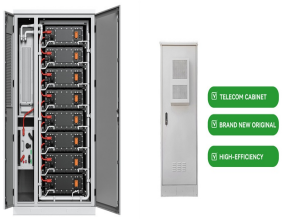
SWEDISH ENERGY STORAGE ENTERPRISE FACTORY OPERATION



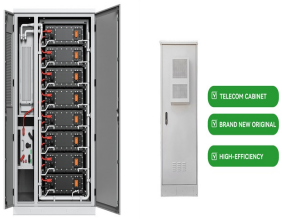
How many large-scale energy storage systems are there in Sweden? The initiative,led by Ingrid Capacity in collaboration with BW ESS,consists of 14large-scale energy storage systems with a total capacity of 211 MW/211 MWh. This milestone investment represents a significant step toward Sweden???s goal of achieving a carbon-neutral energy system.



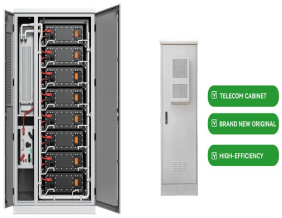
What is the largest battery energy storage system in Sweden? Named Isbillen Power Reserve,the 1-hour duration Battery Energy Storage System project will be the largest in Sweden and the largest in the Nordics by megawatt (MW) power. The largest by megawatt-hours energy capacity in the Nordics will be a 2-hour project in Finland that Neoen recently started building.



When will a battery energy storage system be built in Sweden? Construction has begun on Sweden???s largest Battery Energy Storage System (BESS) undertaken by Neoen,an Independent Power Producer and Nidec,a system integrator. The project has been projected to come online in early 2025. Neoen is headquartered in Paris.



How does energy storage work in Sweden? Together,this is a historic expansion of energy storage in Sweden. Energy storage allows us to store electricity when demand is low,and then reinsert it into the system when demand is high. In order for electrification to take place in a cost-efficient manner,a focus on optimized solutions is required.



How many energy storage facilities will Ingrid capacity build in Sweden? Ingrid Capacity plans to build an additional 13energy storage facilities in Sweden by the end of 2024,with a total capacity of 196 MW/196 MWh. By the second half of 2025,the company aims to have over 400 MW/400 MWh of flexible resources in the Swedish electricity grid.

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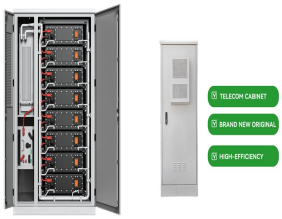
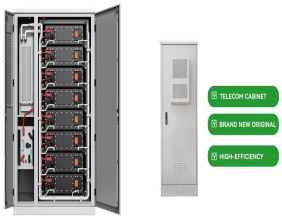


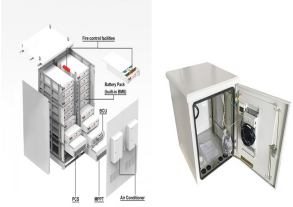
What is the largest energy storage park in the Nordic region? Romina Pourmokhtari, Sweden???s Minister for Climate and Environment, officially inaugurated the largest energy storage park in the Nordic region. The initiative, led by Ingrid Capacity in collaboration with BW ESS, consists of 14 large-scale energy storage systems with a total capacity of 211 MW/211 MWh.



"Sweden is facing a significantly increased demand for electricity, which must be addressed through a combination of increased fossil-free electricity production, stronger power ???

We also own Barseb?ck, Sweden's first commercial NPP, which has been decommissioned and is currently being dismantled. We develop and invest in today's nuclear power to ensure continued efficient operation for decades to ???

Core Applications of BESS. The following are the core application scenarios of BESS: Commercial and Industrial Sectors ??? Peak Shaving: BESS is instrumental in managing abrupt surges in energy usage, effectively ???



Our vision is that the future energy system will be sustainable, and the electric power system will play a critical role for the realization of the 100% renewable-based society, where the electric power system shall not be a limiting factor ???

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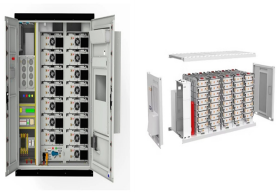
However, Sweden is more prominent in the field of residential energy storage and has ambitious plans to deploy grid-scale battery energy storage systems. In 2024 alone, Sweden announced that it will operate ???



Energy storage is crucial to solve electrification, and electrification is crucial to solve the climate challenge and secure welfare," said Karin Lindberg Salevid, Chief Operations Officer of Ingrid Capacity. ENERGY STORAGE ???

The worldwide energy storage market is experiencing rapid expansion. In particular, the U.S. energy storage market has gained significant momentum, thanks to the energy storage subsidy policy within the IRA bill. ???

Uniper's operations encompass power generation in Europe, global energy trading, and a broad gas portfolio. Uniper procures gas???including liquefied natural gas (LNG)???and other energy sources on global markets. ???

Battery storage plays an essential role in balancing and managing the energy grid by storing surplus electricity when production exceeds demand and supplying it when demand exceeds ???

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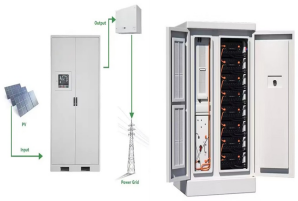
What's unique about this project is that it can support both Uppsala's electricity grid capacity as a service for Vattenfall Eldistribution, and help Svenska Kraftn?t (the Swedish power grid ???



Ingrid Capacity and BW ESS ??? who jointly build energy storage at critical locations in the electricity grid ??? is now entering the final stage for six facilities at different locations in Sweden, with a total output of 89 MW.

Swedish unicorn Polarium reduces diesel dependency in Africa . Polarium is on a journey to empower the world with smart modular energy storage solutions, built on litium-ion technology. The company recently opened a factory in South ???

The brand "Laundry Sheets" and its laundry detergent innovations are developed and manufactured by our company "Great Factory" in Sweden. Ligna Energy is a green-tech start-up company developing disruptive ???

The company focuses on long duration energy storage technology, specifically flow batteries. Their goal is to address the industry pain point of high initial costs for flow batteries by ???

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At Alight, we''re on a mission to kick carbon off the grid by helping energy-intensive businesses switch to solar. We develop, own and operate onsite and offsite solar projects across Europe and sell the clean energy to ???

Recently, the SCU energy storage system was successfully included in the access list of the Swedish power grid company (Energif?retagen). Previously, SCU successfully passed the EN 50549 certification, indicating ???

14 large-scale battery storage systems (BESS) have come online in Sweden to deploy 211 MW / 211 MWh into the region. Developer and optimiser Ingrid Capacity and energy storage owner-operator BW ESS have been ???


Hydro starts operating solar and BESS at Vetlanda factory . In concurrent news, aluminium company Hydro (official name Norsk Hydro) has started operating three BESS unit in parallel with ground-mounted and rooftop ???