

Stockholm energy storage solutions

Battery Energy Storage Systems (BESS) represent a pivotal advancement in modern energy infrastructure. By acting as a dynamic energy buffer, battery systems enhance grid resilience, ensuring a steady and reliable energy supply. With the right technology, they adapt instantly to demand fluctuations, providing stability to the grid and laying the foundation for a sustainable energy future.

Explore the precision of energy management with Flower's advanced Optimization Platform. Our platform takes a meticulous approach, optimizing grid-scale BESS not only for grid stability but also through innovative solutions for local congestion management and peak shaving. Seamlessly integrated into the energy ecosystem, our platform ensures efficient energy distribution, making a lasting impact on multiple flexibility energy trading markets.

Building on our industry-leading forecasting, optimization and trading software, all types of energy assets can participate in alleviating the uncertainties of the energy system, while yielding extra revenue streams for asset owners. Adding to, and leveraging our core capabilities, we are also quickly becoming one of the leading grid-scale BESS developers, trusted by grid owners across Europe.

SENS (Sustainable Energy Solutions Sweden Holding AB) offers solutions that enable the transition to a fossil-free and CO₂-neutral energy supply both locally and internationally. SENS develops, designs, builds and sells large-scale energy projects by combining next-generation energy storage technologies: underground pumped storage (UPHS) and battery systems (BESS) with energy from solar and wind power.

Get to know our new CEO Lise and listen to her talk about the thoughts on the future of SENS and how she is planning on accelerating the growth of the company. She also addresses how SENS is shifting its focus towards being a developer of large scale storage and other changes in its business model, new market opportunities and much more.

Enables producers to store surplus electricity when demand does not meet supply, and instead release it when there is an electricity supply deficit.

SENS enables energy companies to store excess energy in the bedrock and thus replace expensive, fossil peak heat used during the winter with stored heat from overcapacity produced during the summer.

SENS designs and develops energy systems that supply heating and cooling to property owners, property developers and energy companies.

SENS helps energy and real estate companies to strengthen their market position and increase their revenues by offering technical energy consulting services.

SENS is carrying out a feasibility study for a pumped hydro storage facility in one of Diamos mines.

När du anlitar SENS får stödd inom olika projekt får du en person med djup specialistkompetens inom energiområdet. Våra konsulter har utöver sin kunskap och erfarenhet även verktyg och nätverk för att lösa uppgifter på ett bästa sätt.

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