

## Cambodia neoen bess

#### Who is Neoen?

Neoen, founded in 2008, is one of the leading independent producers of exclusively renewable energy. Its expertise in solar, wind and storage enables it to play an active part in the energy transition of the countries in which Neoen produces green, local and competitive energy.

#### What is a Neoen project?

A turnkey project (engineering,procurement,construction) for Neoen,with a capacity of 93.9 MW /93.9 MWh,scheduled to be commissioned in the first half of 2025. This new project is located close to the Neoen Storen site (52 MW /52 MWh),which has already been awarded to Nidec ASI and is currently in the start-up phase.

### Where is Neoen headquartered?

Neoen is headquartered in Paris. The company gave full notice to proceed to Nidec following an engineering, procurement and construction (EPC) agreement in December 2023. 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.

### What is a Neoen battery?

This is a turnkey project for Neoen Finland, which benefits from a specific design, adapted for a solution with a longer storage life: this lithium-ion battery with an installed capacity of 56.4 MW / 112.9 MWh (two hours) will therefore be the largest in the Nordic countries.

### Is Nidec ASI a Bess partner?

«With these new projects,Nidec ASI confirms its status as a partner of reference in the energy transition,particularly in the key market of Northern Europe» said Franck Girard,Président of Nidec ASI S.A.S,who also mentions « the excellence of Nidec's teams in France,which contribute to making Nidec one of the world leadersin BESS.

#### Where will Nidec's Bess be built?

It will be connected to the 130kV grid area operated by distribution system operator (DSO) E.ON Energidistribution. Nidec will provide the BESS which it will manufacture and assemble in France. Furthermore, the inverters will be built in Italy. More than "half of the value of the project" will be of European origin.

Altogether Neoen owns 670 MW of commercially operational battery capacity--a third of NEM-wide battery capacity. Alongside Neoen, other private developers have deployed a further 1.1 GW of battery energy storage capacity.



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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 working in partnership to deliver 14 large-scale BESS projects throughout Sweden's grid, situated in electricity price areas SE3 and SE4.

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variable renewable energy in Cambodia''s energy mix increases, BESS represents a critical tool to main tain system stability and reliability, while also ensuring energy security and affordability. This RFP aims to identify qualified experts to provide assistance to Cambodia''s key energy stakeholders under the direction

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The Asian Development Bank (ADB) has signed a transaction advisory services mandate with Cambodia's national energy utility Électricité du Cambodge (EDC) for the development of 2GW of solar capacity.

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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.

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IPP Neoen has started construction on a 2-hour 56.4MW/112.9MWh BESS in Finland, in the context of market dynamics which optimiser Capalo AI explained to Energy-Storage.news. The Paris-headquartered independent power producer (IPP) announced construction on the Yllikkälä Power Reserve Two (YPR2) project last month (27 December), ...



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