

What does Bess stand for?

The contracts were for the 20-MW Brindisi battery energy storage system (BESS) in southern Italy and the 6-MW Sassari unit in Sardinia, which will provide fast reserve grid services for Italian transmission system operator Terna SpA (BIT:TRN).

What is a Bess & how can it help a wind farm?

The BESS will share an interconnection with the wind farm and increase stability both locally and nationally through providing ancillary services such as fast frequency reserve (FFR), while also being able to 'black start' the wind farm if there is a power outage or grid failure.

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.

What happened at Terna's auction in December?

Terna's auction in December attracted 53 bidders offering just over 1.3 GW of fast reserve units, or six times more than what was requested. The round ended with contracts for 250 MW. (EUR 1.0 = USD 1.213)

Nidec ASI has been awarded the supply of battery energy storage systems (BESS) in Sweden for a total of 82.5 MW, in Germany for a total of 11 MW and in the Czech Republic (10 MW). Furthermore, as a confirmation of its desire to consolidate its leadership also in non-European markets, Nidec ASI will shortly sign agreements for supplies in China ...

The four sites in central-southern Italy are being called the "Black BESS" project and will be completed by the first half of 2024. Alongside three other groups of projects, called Green, Blue and Yellow BESS, the project will contribute to Altea Green Power's 2GW BESS portfolio in Italy.

Developer Ingrid Capacity and the storage arm of maritime firm BW Group are now building 14 BESS projects in Sweden with a combined capacity of over 200MW, with the latter also entering the Italian market. The pair announced the start of construction on eight battery energy storage system (BESS) projects ranging from 11-20MW across Sweden ...

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.

Centrica has entered into an agreement to acquire up to nine "ready to build" battery energy storage projects (BESS) in Sweden with a total capacity of over 100MW from Fu-Gen AG, the Swiss based renewables developer and independent power producer. The investment forms part of Centrica's plans to materially increase investment over the coming ...

Nidec ASI confirms its leadership in the battery energy storage (BESS) sector and aims to grow in the markets of Eastern Europe, China and the US Nidec will implement new projects in Sweden and Germany, lands in the Czech ...

The auction, which was for delivery of projects to begin operation in 2024, has been credited with kickstarting the Italian market for grid-scale energy storage s biggest winner was utility Enel, which won more than ...

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"Rocmore Energy is delighted to expand our presence in the Swedish energy market. The acquisition of the 17 MW BESS project, made together with our partner Pyrios, marks another milestone in Rocmore Energy's ambitions to enable the transition to renewable energy by providing robust energy storage solutions in Sweden," said Rocmore's COO Johan Thorpenberg.

BESS specifications: Maximum output: 40 MW, Capacity: 20 MWh. ... In 2013, Toshiba have concluded a contract with Terna Storage S.p.A., a wholly subsidiary of Italian Transmission ...

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 ...

Dec 16 - A pilot auction, held by the Italian TSO Terna, for battery energy storage systems (BESS) to provide reserve grid services has been six times oversubscribed. The auction was held with an expectation that around 230 MW would be on offer, but Terna received 1,327 MW worth of bids and eventually awarded contracts for 249.9 MW.

Plus grid operator Terna's own BESS units totalling 60MW/250MWh, Italy has a total of 587MW/1,227MWh of BESS. ANIE's bulletin said that 97% of the DER BESS units, which now stand at 95,869 in total, are ...

Italian electricity TSO Terna has received more than 100 GW of requests to participate in the energy storage auction it is planning before summer 2025. ... Eaton releases commercial, industrial BESS Eaton says its new xStorage commercial and industrial battery energy storage system (BESS) ...

Decreto Legislativo dell'8 novembre 2021, n. 210, che Terna aggiorna, con cadenza annuale, per definire le diverse tipologie di prestazioni che dovranno essere approvvisionate tramite il MACSE. Per ciascuna tipologia

di prestazioni, Terna determina altresì la progressione temporale del fabbisogno, illustrando

"L'autorizzazione del nuovo impianto BESS a Scandale rilasciata a distanza di 17 mesi dall'istanza (novembre 2022) segna un passo importante di GreenGo nell'ambito del MACSE (Mercato a termine degli stoccaggi) la cui asta, stante le recenti dichiarazioni di Terna, è attesa per la fine di marzo 2025", ha scritto GreenGo, aggiungendo ...

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