

BESS revenue of Tskhinvali energy storage power station

How many employees does Bess project have?

On the BESS site, an on-site diesel generator will be used for power generation. The Project Company established for the project implementation currently employs a total of 23 employees, 11 of whom are Uzbekistan nationals. The EPC Contractor appointed for projection construction works is China Energy Engineering Corporation (CEEC).

What does a Bess facility do?

The BESS facility will serve the following main functions: Storage of electrical energy from power sources feeding into the project-associated utility grid during off-peak grid time, and the dispatch of the operating reserves in the event of grid congestion (i.e., instances of power demand exceeding power supply).

How much electricity does Bess use per month?

Construction works for the development of the PV plant and BESS will demand an average 132,666 KWh of electricity per month. Electricity for construction works on the PV plant site will be sourced from the auxiliary power system utilized by Uzsuvtaminot.

Where is Bess project located in Tashkent?

The PV plant and the BESS facility are situated 3.5 km apart, within Yuqorichirchik District and Parkent District respectively. Both districts are located within Tashkent Region. The overall project location lies about 20 km from Tashkent City.

The revenue potential of energy storage technologies is often undervalued. Investors could adjust their evaluation approach to get a true estimate.

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The energy storage capacity, E , is calculated using the efficiency calculated above to represent energy losses in the BESS itself. This is an approximation since actual battery ...

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