

SolarInnovate Energy Solutions

Jakarta Energy Storage Power Plant



Overview

It is the first pumped storage power plant in Indonesia designed with four generating units, a capacity of 260 MW each and a total installed capacity of 1,040 MW. Where is the Upper Cisokan pumped storage power plant located?

The Upper Cisokan Pumped Storage Power Plant is located in the upper reaches of the Cisokan River in Java, Indonesia, 190 kilometers from the capital Jakarta. It is the first pumped storage power plant in Indonesia designed with four generating units, a capacity of 260 MW each and a total installed capacity of 1,040 MW.

Who built Indonesia's Upper Cisokan pumped storage power plant?

(Executive editor: Xie Yunxiao) The construction of the main project of Indonesia's Upper Cisokan Pumped Storage Power Plant, built by China Gezhouba Group Co., Ltd, a subsidiary of China Energy Engineering Group Co., Ltd. (Energy China), kicked off on July 5, marking the start of construction of the power project.

Will Jakarta Propertindo build a waste-to-energy plant?

Jakarta Propertindo, an infrastructure company owned by the city of Jakarta, have today non-bindingly agreed to look into a possible cooperation to construct waste-to-energy plant in Jakarta, Indonesia. According to its strategy, Fortum is exploring investment and partnership opportunities in City Solutions in selected urban metropolis in Asia.

How can energy storage support Indonesia's decarbonization agenda?

A key measure to support Indonesia's decarbonization agenda is the development of energy storage to enable integration of renewable energy into the grid. Pumped storage hydropower plays a crucial role in this approach.

How will a more environmentally friendly electricity supply benefit Indonesia?

As a result, a more environmentally friendly and reliable supply of electricity

will benefit consumers in Java and Bali. “We are excited about this project as it will be the first of its kind for Indonesia. It represents a turning point for Indonesia’s decarbonization pathway.

What is NSSE power plant?

The NSSE Power Plant, built on approximately 87 hectares of land, is the first utility-scale integrated solar and energy storage project in Nusantara, Indonesia. Comprising a 50MW solar farm with a 14.2MWh battery energy storage system, this project is Sembcorp’s inaugural venture into large-scale solar development in Indonesia.

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