

**BLINK SOLAR**

# Jerusalem Energy Storage Power Station Project



## Overview

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Is it possible to build a hydroelectric storage power station in Israel?

The Israel Electric Corporation (IEC) evaluated the feasibility of building a hydroelectric storage power station in Israel, specifically an 800 MW station at Nahal Parsa located at the south-west of the Dead Sea, in the 1990s.

How does electricity work in Israel?

In Israel, many coal and gas power stations operate alongside plants that use renewable energy from natural sources. A large amount of electricity is not used, and in fact is discarded, due to a lack of effective storage options. Pumped storage uses this surplus electricity to raise water from the lower reservoir to the upper reservoir.

How much does Electra Energy's pumped storage project cost?

The project is being built within approximately 5 years, at a cost of some NIS 2 billion. Electra Energy's share in the pumped storage project is 25% in the EPC work.

What is a pumped storage power plant?

The Gilboa power station serves as an important tool for managing and controlling the electrical grid, when needed. The foremost advantage of a pumped storage power plant is its response time. Within just 90 seconds, 300 MW can be added to the electrical grid, thus overcoming peak demand.

## Jerusalem Energy Storage Power Station Project

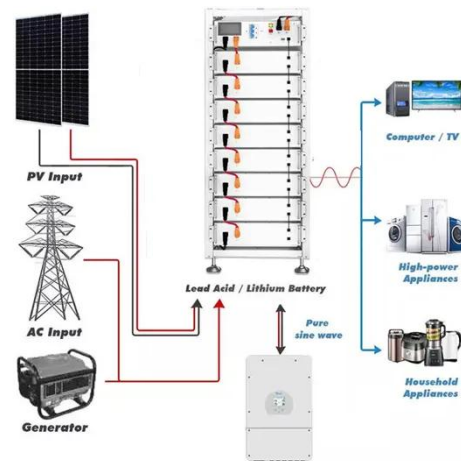


### Jerusalem energy storage plant

As Israel's largest standalone energy storage plant, the project is set to be integrated with the 'Dalia Power Station' -- the largest privately contracted Power Plant in the country.

## PowerChina Completes Israel's Largest Pumped Storage Power Station

The Kokhav Hayarden Pumped Storage Power Station, constructed by Power Construction Corporation of China (PowerChina), has been officially commissioned for ...



## Israel Emerges as Pivotal Player in Energy Storage System ...

-In January 2022, Sungrow Power secured a deal with Enlight Renewable Energy, the largest new energy company in Israel, for the installation of its flagship liquid-cooled ...

## Tech Park Jerusalem Energy Storage Project , AGEERA

At the Jerusalem Tech Park, AGEERA deployed an 8.3 MWh / REN-based behind-the-meter battery system, designed to enhance the site's energy resilience and optimize renewable ...



## Israel's Largest Pumped Storage Power Plant Operational

Israel's largest pumped storage power project officially began commercial operation on February 21, after receiving its electricity production license from the Israeli ...

## jerusalem energy storage peaking power station project

As the country's largest standalone energy storage plant, the project is set to be integrated with the Dalia power station, Israel's largest privately contracted power plant.



## Hydroelectric Power Station

In Israel, many coal and gas power



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## Jerusalem Energy Storage Plant: Powering the Future of Grid ...

When Jerusalem flipped the switch on its 1.2GWh battery facility last month, it wasn't just another energy project coming online. This \$800 million beast could single-handedly power 400,000 ...



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## POWERCHINA completes Israel's pumped storage ...

On Feb 20, POWERCHINA's Kokhav Hayarden Pumped Storage Hydropower Plant in Israel received the electricity production license issued by the Israeli Ministry of Energy and ...

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## Bank Hapoalim finances NIS 5B for Kesem power station , The Jerusalem ...

10 hours ago Bank Hapoalim said the deal reflects its leading role in national infrastructure financing, in general, and in the conventional energy sector.



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## Contact Us

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### **BLINK SOLAR**

Phone: +48-22-555-9876

Email: [info@blinkartdesign.pl](mailto:info@blinkartdesign.pl)

Website: <https://www.blinkartdesign.pl>

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