

## SolarTech Power Solutions

# Kuwait company s own power station energy storage



## Overview

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The Shagaya - Molten Salt Thermal Energy Storage System is a 50,000kW energy storage project located in Kuwait. The thermal energy storage project uses molten salt as its storage technology. What is the biggest power station in Kuwait?

The Sabiya West gas-fired combined-cycle power plant is the biggest power station in Kuwait. Owned and operated by Kuwait's Ministry of Electricity and Water (MEW), the 2GW gas-fired power station comprises three combined-cycle power blocks.

How long will a power and water station last in Kuwait?

These will extend the lifetime of the power and water station to up to 20 years to ensure efficient, safe and reliable power generation in Kuwait.

What is the biggest gas-fired combined-cycle power station in Kuwait?

The Sabiya West is the biggest gas-fired combined-cycle power station in Kuwait. Image courtesy of General Electric. GE and Hyundai Heavy Industries (HHI) were awarded the EPC contract for the 2GW Sabiya West power project in 2009. Image courtesy of General Electric.

Are electrical power stations available in Kuwait?

This paper has presented a detailed analysis of capacity and availability of electrical power stations in Kuwait. The analysis shows that as Kuwait population has increased over the past 34 years by more than 3 times, the demand for power consumption has increased by almost 7 times.

What percentage of Kuwait's power is supplied by Mitsubishi Power?

As an instrumental power supplier for the country's energy sector, Mitsubishi Power provides almost half (43%) of Kuwait's power supply. Our technologies are installed in many major power plants, including the 2.4GW Doha West, 2.4GW Sabiya, and the 2.5GW Az-Zour South 0.5GW Shuaiba South B.

Why should Kuwait continue to support a low carbon society?

As Kuwait embarks on its next phase of ambitious growth in line with Vision 2035, we are committed to continue supporting the Ministry in expanding its power infrastructure and ushering its transition towards a low carbon society," said Khalid Salem, President of Middle East & Africa at Mitsubishi Power.

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