

## PDEOZE PowerContainer

# Swaziland Chemical Energy Storage Peaking Power Station



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## Overview

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How many hydro power stations are there in Ezulwini & maguduza?

The installed capacity includes about 60.4 MW hydropower as well as about 10 MW solar PV that is coupled to a 1 MW battery storage system. The utility has four hydro power stations: Edwaleni (15 MW), Maguga (20MW), Ezulwini (20MW) and Maguduza (5.6MW).

How much power does Eswatini have?

Eswatini has an installed and operating capacity of 71MW which is owned and operated by the Eswatini Electricity Company (EEC) against 234MW peak demand <sup>1</sup>. The installed capacity includes about 60.4 MW hydropower as well as about 10 MW solar PV that is coupled to a 1 MW battery storage system.

What is Eswatini Energy Regulatory Authority (Esera)?

The Ministry of Natural Resources and Energy oversees policy development and implementation. Eswatini is a member of the SAPP, and the Eswatini Energy Regulatory Authority (ESERA) is a member of the Regional Energy Regulators Association. ESERA is the SACREEE National Focal Institution for Eswatini.

How does EEC sell power?

About 16 MW of this is sold to EEC through a power purchase agreement (PPA). The power utility's installed power plants generate between 20% and 30% of the country's demand and the balance of the power is imported from South Africa, Mozambique and the Southern African Power Pool (SAPP) to meet the country's peak demand.

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The utility has four hydro power stations: Edwaleni (15 MW), Maguga (20MW), Ezulwini (20MW) and Maguduza (5.6MW). In addition to this, there is about 105 MW installed capacity of ...

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