

Merowe Dam Hydropower Project

The Merowe Dam is the largest hydropower project in Africa, situated on the Nile River. This concrete-faced rock fill dam has a total length of 9,773 km and an installed capacity of 1,250 MW.



Project Overview

Merowe Dam Hydropower Project

The Merowe Dam stands as the largest hydropower project in Africa located on the Nile River. This massive infrastructure development utilizes a concrete-faced rock fill dam design to provide essential electricity and water resource management. Completed between 2003 and 2009, it represents a significant engineering achievement in the region.

Technical Specifications

Installed Capacity

1250 MW

Installed Capacity

Dam Type	Concrete-faced rock fill dam
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Total Length	9773 km
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Construction Details

Concrete Pouring Volume	1.8 million m3
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Steel Work Structure Installation	90000 T
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Project Timeline

Construction Period	August 2003 - April 2009
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