

# 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 |
|----------|------------------------------|

|              |         |
|--------------|---------|
| Total Length | 9773 km |
|--------------|---------|

## Construction Details

|                         |                |
|-------------------------|----------------|
| Concrete Pouring Volume | 1.8 million m3 |
|-------------------------|----------------|

|                                   |         |
|-----------------------------------|---------|
| Steel Work Structure Installation | 90000 T |
|-----------------------------------|---------|

## Project Timeline

|                     |                          |
|---------------------|--------------------------|
| Construction Period | August 2003 - April 2009 |
|---------------------|--------------------------|