

Ethiopia's Nile dam project explained

Ethiopia's Grand Ethiopian Renaissance Dam on the Blue Nile is 80 percent complete and expected to reach full generating capacity in 2023, making it Africa's largest hydroelectric plant

Blue Nile

Dam

Reservoir

Spillway

Satellite image shows dam in July 2020

■ **Construction:** \$4 billion project announced in 2011. Expected capacity of finished dam will be more than 6,000MW

■ **Reservoir:** Ethiopia began filling in 2020. Two-year process expected to bring water level to 595m out of eventual 632m



Ethiopia: Says dam is essential to promote economic development and make sure vast majority of its people do not lack electricity



Egypt: Depends on Nile for 90 percent of its fresh water. Has pushed Ethiopia to fill reservoir over longer period and guarantee minimum flows of water



Sudan: Could gain from dam's electricity and flood mitigation, but has called for information sharing to minimise impact on its own dams

