

CAPE TOWN PROTECTS ITS CUSTOMERS

With the help of the City's Steenbras Pumped Storage Plant.

The City of Cape Town is able to generate additional capacity to protect customers from one stage of Eskom load-shedding, where we are able to do so. Cape Town is the only city in South Africa that can provide this extra relief to our residents.

FACT
Each of the station's four, 45 000 kW generators act as a pump-motor in one mode and a turbine-generator in the other

STEENBRAS PUMPED STORAGE PLANT HOW IT WORKS

Electricity generated during off-peak periods pumps water to an upper-storage reservoir.

The down-flowing water is then used to power a generator.

Small hydro-generators like the one at the Steenbras Dam mean that the City can sometimes avoid load-shedding or stay at a lower stage.

Visit www.capetown.gov.za and follow the City on Facebook and Twitter for more information on load-shedding



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