“Palmit is part of the Peaking group of power stations and consists of two 200kW units at an installed capacity of 400kW. Average availability over the last 3 years is at 96.27%. Palmit Pumped Storage Scheme is part of a water transfer scheme. For generating purposes, water is released from the upper Rockview Dam to the two reversible pump turbines located 60 metres below ground level. The units can also be used to pump additional water from the Palmiet River via the Rockview Dam to the Steenbras Dam to supplement the Cape Town water supply. Palmit is located in an ecologically sensitive area, home to species of fynbos found nowhere else in the world except the south-western Cape. The whole Palmiet site is a conservation area and in December 1998 the area was declared a Biosphere Reserve by UNESCO.” (Refer to ESOM Reference)

**ROCKVIEW DAM**

- **Completed:** 1986
- **River:** Palmiet River
- **Capacity:** 16.4 million m³
- **Type of Dam:** Earthfill
- **Length of wall (top):** 1300 m
- **Length of Dam:** 1.4 km
- **Nearest Town:** Grabouw
- **Surface Area:** 73 ha
- **Water Use:** Pumping storage (hydro-electricity)
- **Capacity Compared to the Kogelberg Dam:** 2 km away; 85%

**References, Literature and Photos:**
- [https://en.wikipedia.org/wiki/Rockview_Dam](https://en.wikipedia.org/wiki/Rockview_Dam)
- [http://www.eskom.co.za/Whatsmore/OElectricityGeneration/PowetStations/Pages/](http://www.eskom.co.za/Whatsmore/OElectricityGeneration/PowetStations/Pages/)
- [http://www.adventurebuddy.co.za/dams/](http://www.adventurebuddy.co.za/dams/)
- [Google Earth – Panoramic](http://www.adventurebuddy.co.za/dams/)
- [DWA](http://www.adventurebuddy.co.za/dams/)