



1986



1987



Transfer pipeline

“Palmiet is part of the Peaking group of power stations and consists of two 200MW units at an installed capacity of 400MW. Average availability over the last 3 years is at 96.57%. Palmiet 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. Palmiet 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 ESCOM Reference)



1984



ROCKVIEW DAM (34.190570 S; 18.955524 E)		
Completed: 1986	River: Palmiet River .	Capacity: 16.4 million m <sup>3</sup>
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:  
References:[https://en.wikipedia.org/wiki/Rockview\\_Dam](https://en.wikipedia.org/wiki/Rockview_Dam);  
[http://www.eskom.co.za/Whatweredoing/ElectricityGeneration/PowerStations/Pages/Palmiet\\_Pumped\\_Storage\\_Scheme.aspx](http://www.eskom.co.za/Whatweredoing/ElectricityGeneration/PowerStations/Pages/Palmiet_Pumped_Storage_Scheme.aspx)  
Photos: DWA; <http://www.adventurebuddy.co.za/dams/>; Google Earth – Panoramio.