



The Peninsula All-Suite-Hotel, Sea Point, Cape Town

THE PENINSULA CAPS ITS CARBON FOOTPRINT

The Peninsula All-Suite Hotel receives Energy Efficiency Forum Award

The Peninsula All-Suite Hotel, the Cape's premier time-share destination, was recognised in November 2014 for its efforts to utilise energy.

Among others, energy-saving and motion-sensitive lights and lamps were installed throughout the hotel, OTEK ozone dosing systems and cold wash utilised for washing machines, and new, more effective heat pumps installed to heat Jacuzzi and swimming pool water.

	2012	2013	2014
Total electricity consumption kwh	2 007 670	1 939 490	1 520 054
Total cost	R1 535 874	R1 649 938	R1 423 982
Occupancy			
Room Nights Sold	37 197	37 804	37 787
Bed Nights Sold	69 449	73 152	79 339
Rate increase			
Domestic	11.00%	7.85%	7.63%
Off-peak	16.89%	12.86%	17.63%

Our total capital investment was R749 767.00, we were given a grant by Eskom of R311 157.00, so our total cost was R438 610.00. We conservatively estimated our rand saving in 2014 was R391 950.00 So in one year through cost we practically covered our capital expenditure.

If we had not received Eskom grant we would have paid off full capital expenditure within 20 months.

The Energy Efficiency Forum (EEF) was founded by the City of Cape Town, Eskom & the South African Government. Every part of the building – from the kitchen and laundry areas to the guest rooms and restaurant – was targeted in these efforts, with all members of staff as well as guests being educated to continually increase awareness and enhance energy-efficient practices.

At the helm of these efforts, the Green Team Committee (comprised of the Property Manager, General Manager and nine representatives from the Hotel's various departments) implemented and monitored efforts that spanned lighting; heating, ventilation & air-conditioning; hot water optimisation; building management systems; and process optimisation.

With thanks to Chris Godenir GM of The Peninsula All Suite Hotel, for this case study
www.peninsula.co.za