

# Champagne Sports Resort

## Heat Pump Project

### Hotel Block:

The Hotel Block: serviced by one 48kW 3200L Geyser  
The Solution was to retrofit one 20kW Heat Pump to the existing tank.

Elements Peak Power consumption Before: 32.00kW  
Heat Pump Peak Power consumption After: 6.00kW  
Peak Demand Saving: 81%

Average Power Consumption before: 5.00kW  
Heat Pump average power consumption: 2.01Kw

**Average saving 24/7: 60%**



### Timeshare Chalets:

The Timeshare Chalets: serviced by one 3kW 150L Geyser  
The Solution was to retrofit one 2.8kW Heat Pump to existing geyser and fit Energy Efficient Showerheads

Elements Peak Power consumption Before: 3kW  
Heat Pump Peak Power consumption After: 0.9kW  
Peak Demand Saving: 70%

Average Power Consumption before: 390W  
Heat Pump average power consumption: 36.4w

**Average saving 24/7: 91%**



## Hotel Block Heat Pump vs Electrical Elements

