



CASE STUDY

COMMERCIAL HEAT PUMP

THE STANLEY CABIN & TOURIST PARK – TASMANIA

The historic town of Stanley sits on the tip of the peninsula that juts into Bass Strait in far north-western Tasmania. The tourist park is nestled under an ancient flat-topped rocky outcrop or volcanic plug called “The Nut”.

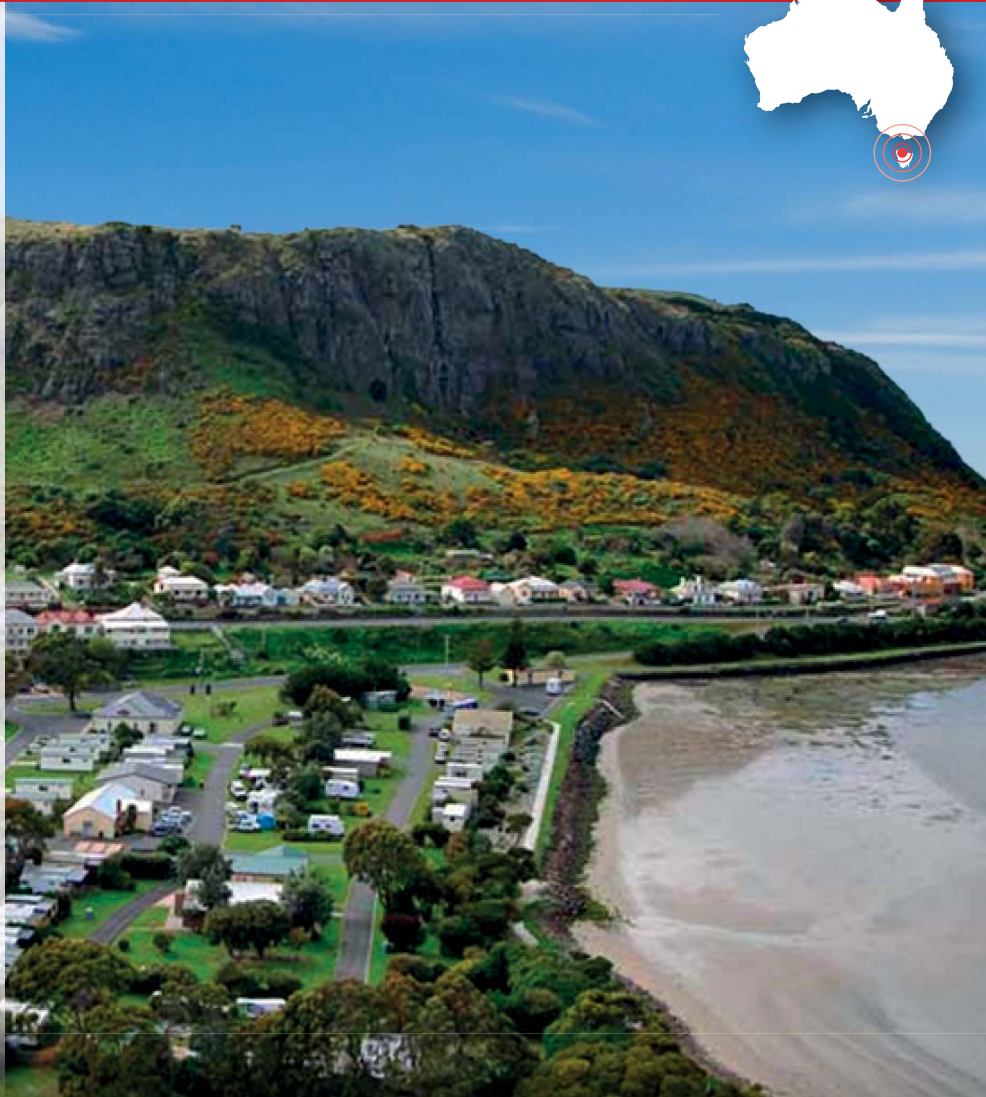
The park has two amenity blocks which cater for up to 280 guests during peak season.

Tasmania has no natural gas supply in this area and the park relies on electricity to generate hot water.

Rheem consulted with the tourist park and prepared a hot water proposal for each of the amenity blocks.

Running cost savings were a major factor in deciding to invest in Rheem Commercial Heat Pump technology.

Automatic defrost, built into every Rheem Commercial Heat Pump, will ensure a constant hot water supply even on cold winter nights.



FACTS & FIGURES

Estimated Daily Hot Water Consumption during Peak Season: 7,000L
2 x 953022 Heat Pumps and 5 x 410L storage tanks per amenity block
Storage Capacity: 2,050L per block
Recovery Rate: 600L/hr per block

Tariffs

Electricity: 6.13c/kWh

Estimated Peak Season Running Cost

Previous Electric Plant: \$2,100
Heat Pump Plant: \$600
Running Cost Savings: \$1,500

Plumber: Spinks Plumbing

