



TEEP Energy Audit

Case Study

Shotover TOP 10 Holiday Park

Located just north of Queenstown, the Shotover TOP 10 Holiday Park offers a range of accommodation options, including executive motels, self-contained units, cabins, lodges, powered campervan and tent sites.

Facilities include a large communal kitchen and dining room, BBQ and play areas, high speed internet, a park laundry and shop, recycling facilities and visitor information and bookings.



The Shotover Top 10 Holiday Park is one of several tourism businesses that has been audited as part of TEEP 2009.

Energy Use

The Shotover Top 10 Holiday Park has an energy efficiency rating of 'very good', which the audit says was a high achievement given the lack of choice regarding energy sources and the climate conditions. To achieve an 'excellent' rating would involve upgrading lighting types, installing room key switches and adopting an official energy management policy.

The audit found the Holiday Park had been proactive, and had already implemented energy-saving initiatives such as timers on lighting circuits and room heaters. Shower flow rates were also found to be very minimal, although this is due to low water pressure to the site as opposed to the installation of flow restrictors.



Energy to the Holiday Park is supplied by electricity over several controlled meters and a day/night rate meter. Total electricity consumption in the year ending June 2009 was 115,757kWh, which cost \$26,771.90. The site is currently using LPG for water heating, with total consumption for the year ending June 2009 costing \$14,167. When compared to electricity, the audit found that LPG is the inferior option in economic terms.

The park's energy footprint shows that 44% of energy consumption is from hot water usage, 18% from lighting, 18% from powered sites and 12% from space heating.

