

## Waihi Beach Top 10 Holiday Park continues to pursue energy saving initiatives

The Waihi Beach Top 10 Holiday Park was one of two parks at Waihi Beach recently audited as part of TEEP 2009.

Waihi Beach Top 10 Holiday Park is a member of both TIA, HAPNZ and has a 5 star Qualmark rating. The park is also one of only two in the country to have received the new Qualmark Enviro-Gold rating. The holiday park has a range of accommodation from fully self-contained family motel units to camping sites. The park has 100 sites, 35 units and a range of facilities for guests.



Waihi Beach Top 10 Holiday Park uses a combination of electricity, liquefied petroleum gas (LPG) for instant water heating and dryers, and diesel for use in a centralised burner associated with water heating.

For 2008 the total annual energy bill for the Holiday Park is estimated at \$66,000, including electricity, LPG and 6,400 litres of diesel.

A total of 30,183kWh and \$9,178 of annual savings were identified through the audit report, which is approximately 5.9% of the site's current annual energy consumption and 13.8% of current expenditure.

### **The audit found the following annual energy savings could be made:**

- \$4,300 by installing a heat recovery unit on the LPG dryer with payback in approximately 3 years,
- \$4,300 if they changed electricity providers and signed up for a two year contract with payback instantly,
- Over \$350 by replacing the most used incandescent lighting with CFLs.

Owner/operator Ian Smith believes the opportunity to have a pair of external eyes look at your business is always a good one. "While there were no surprises, we absolutely valued the chance to get an overview of the park through TEEP, our next step will be a more in-depth audit."

The powered sites were the major energy users for the park consuming 38%. LPG use for heating, cooking and drying (15%) along with Diesel water heating (13%) accounted for the other most significant uses.

“We are always looking for ways to manage our energy costs better, we have been very happy with the results achieved with the solar heating system for the pool. But we know we still need to see how we can capture or minimize the energy loss from our boiler system and heat recovery from LPG dryers” said Mr Smith.

The park has also invested in occupancy sensors for lighting in its toilet block.

In addition to the audit report, each business in the TEEP programme receives an action plan with an implementation schedule.

