



Energy Efficiency for Small Business

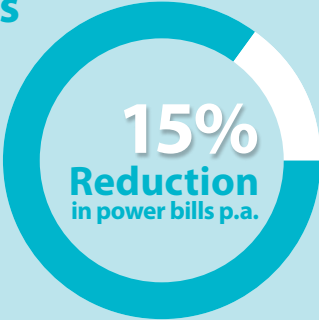


Case Study Ocean View Tourist Park

Ocean View Tourist Park is saving more than \$1500 p.a. by installing solar hot water and ceiling fans, with a subsidy from the Energy Efficiency for Small Business Program.

Energy saving solutions

- Replaced outside lighting with CFL floodlights
- Replaced electric hot water systems with solar
- Installed ceiling fans



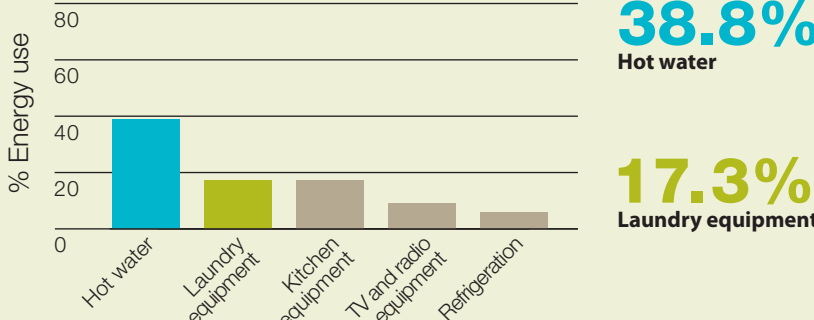
15% Reduction
in power bills p.a.

Power bill cut by \$1560 p.a.

Energy use profile

An energy assessment revealed that hot water was the main energy user at the park, followed by laundry equipment.

Top 5 energy uses



| Energy Use | % Energy use |
|------------------------|--------------|
| Hot water | 38.8% |
| Laundry equipment | 17.3% |
| Kitchen equipment | ~25% |
| TV and radio equipment | ~15% |
| Refrigeration | ~10% |

Business profile

Location: Mid North Coast NSW

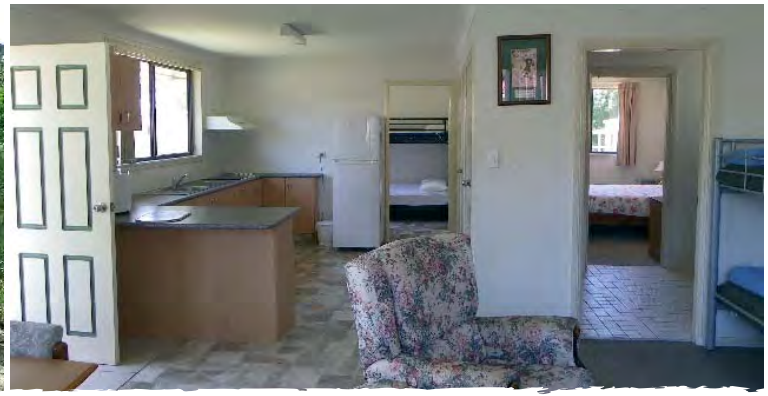
Situated on one of the highest points in Lake Cathie, Ocean View Tourist Park offers 15 self-contained cabins catering to budget-conscious seniors.

The park is a family owned business run by resident owners Malcolm and Lorraine Revell, along with their sons David and Matthew.

Malcolm contacted his local Member of Parliament about solar rebates and found out about subsidies available through the Energy Efficiency for Small Business Program.

'We have put energy meters on our hot water systems to measure the savings and compare systems.'

Malcom Revell, Owner



Save power bills with solar

Ocean View's story...

Receiving a \$5000 subsidy, the Revells were able to implement all of the subsidised actions from their Energy Action Plan.

The recommendations primarily focused on replacing all cabin and outside lights with compact fluorescent lights and replacing electric hot water heaters in three cabins with three solar hot water systems bringing the total number of solar units to 5 in the park.

Smaller solar hot water tanks were installed for the guest cabins, as the old larger tanks were unnecessary and waste energy by heating more water than required.

'With the solar hot water systems the electric booster only kicks in when the temperature drops at night. Then it reverts to solar when there's daylight,' said Malcolm.

Encouraged by these savings, the Revells made additional changes. Ceiling fans, which cost about one cent per hour to run, were installed in cabin kitchens and bedrooms to reduce the need for air conditioning.

'Installing the ceiling fans allows our guests to be comfortable without having to use the air conditioner. If guests chose not to use the air conditioning, we don't charge them for it.'

The Revells have been inspired to take their efficiencies even further.

'We are considering generating our own power through solar panels. This will increase the park's efficiency in the long run and be better for our business.'

'Putting the changes into action requires effort, but there is no doubt that we achieved what we wanted. Our Energy Action Plan provided clear benchmarks for our business, and as a result I have referred other businesses to the Program.'

POWER SAVING TIP

Replacing incandescent lights with fluorescent or LED lighting can save you more than 50 per cent on your lighting costs.

Register your business

If your business spends up to about \$20,000 in electricity a year or employs up to 10 full time staff, you can join the Energy Efficiency for Small Business Program.

Register online: savepower.nsw.gov.au/business/small-business/register-for-program.aspx

Call 02 8837 6000

Email smallbiz@environment.nsw.gov.au

Visit savepower.nsw.gov.au/business