

Case study – Airds Country Meats

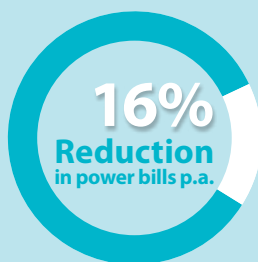


Save on power bills with refrigeration

Airds Country Meats is saving more than \$1600 a year through installing new refrigeration units with a subsidy from the Energy Efficiency for Small Business Program.

Energy saving solutions

- Replaced three refrigeration units
- Installed fluorescent lighting
- Replaced cool room compressor

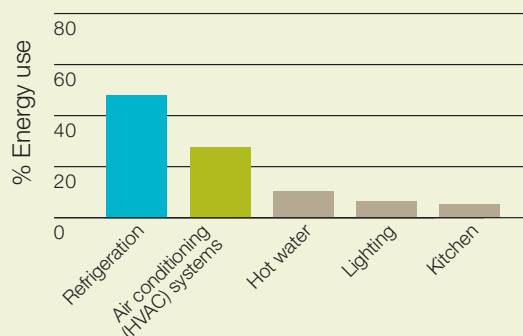


Power bill cut by \$1630 p.a.

Energy use profile

An energy assessment revealed that refrigeration was the main energy user at the butchery, followed by high voltage power supply.

Top 5 energy uses



48.2%
Refrigeration

27.5%
Air conditioning
(HVAC) systems

In brief

Location: Greater South-Western Sydney NSW

Situated in Campbelltown the butchery provides quality meats to budget-conscious customers.

Owner Paul Edenborough bought the business six years ago. Recognising some of the equipment was outdated and inefficient, Paul talked to other businesses in the area to find ways to improve the efficiency of his shop.

As a result, they put Paul in touch with the local Chamber of Commerce and through this network he was able to access the Energy Efficiency for Small Business Program subsidies.

'We installed three refrigeration units which have made a huge difference to the store's upkeep. Previously we would need to do at least three repairs a year. Now we do one maintenance check per year in September before the summer season. All works really well.'

Paul Edenborough, Owner



► Airds Country Meats' story

Receiving a \$4152 subsidy, Airds Country Meats was able to implement its Energy Action Plan.

Keeping the meat fresh is paramount for the butchery. However the store had inefficient belt driven motors for refrigeration that were running constantly every day of the week. As a result the action plan focussed on reducing the high voltage power supply and energy used in refrigeration.

When he bought the store six years ago, owner Paul Edenborough immediately replaced the old lighting with fluorescent lighting and added shade covers to minimise the lighting intensity on the meat.

'Our customers have noticed the meat is fresher and the store's temperature is cooler. We also replaced our refrigeration units with fan motors. Staff noticed a difference too; the in-store noise level has significantly reduced,' said Paul.

Inspired by the difference the refrigeration upgrades have made, the company recently replaced the cool room compressor. Next steps will include installing thermal blankets for the fridge display units to keep temperatures down during the summer months.

'You would be crazy not to do the Program. It helps you turn around, your emissions and energy bills, and saves you money.'

'I would participate in the Program again – it's a great idea. Small businesses need support particularly with carbon tax being introduced.'

Your next step

To find out how your business can access support contact the Energy Saver team

Email energysaver@environment.nsw.gov.au

Call 1300 361 967

Visit environment.nsw.gov.au/business