

Case study – Le Breton Patisserie

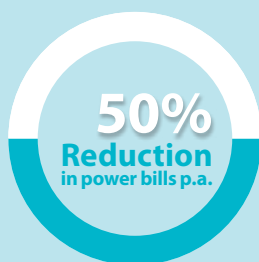


Refrigeration saves on energy and finances

Le Breton Patisserie has halved refrigeration running costs by replacing five old refrigerators with a more efficient unit, with assistance from the Energy Efficiency for Small Business Program.

Energy saving solutions

- Upgraded bakehouse refrigeration
- Replaced old lighting with compact fluorescent lighting
- Installed lighting time switches

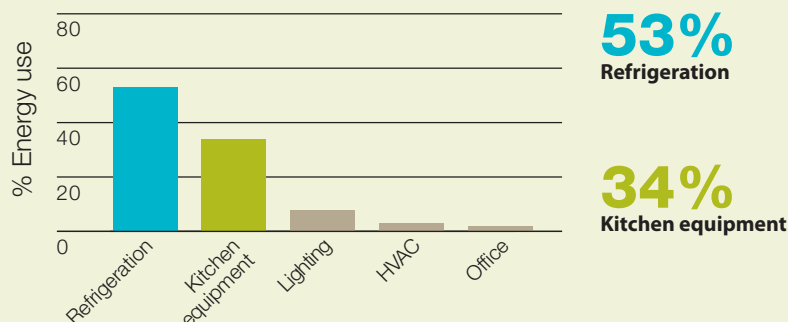


Power bill cut by \$1700 p.a.

Energy use profile

An energy assessment revealed that refrigeration was the main energy user at the shop, followed by kitchen equipment.

Top 5 energy uses



In brief

Location: Sydney

Le Breton Patisserie specialises in top quality budget catering services to the lower north shore of Sydney.

Opening its doors in 1987, owner Dominic Le Breton has been running his authentic French patisserie for 23 years.

Invited by a local energy assessor to participate in the Energy Efficiency for Small Business Program, Dominic's aim was to reduce energy bills by rethinking his refrigeration.

'In the long run, the benefits are definitely worth the upfront cost.'

Dominic Le Breton, Owner



Dominic's story

Receiving a \$5000 subsidy, Mr Le Breton was able to start implementing his Energy Action Plan, focusing on refrigeration.

'Refrigeration was about 50 per cent of my energy use. I wanted to reduce electricity costs and my Energy Action Plan recommended upgrading the bakehouse refrigeration. As a result I decreased the number of fridges from five to one. This has made a huge difference to the store's energy use.'

Additional changes included replacing 27 incandescent lights in the store and bakehouse with single fluorescent lighting.

'I've also installed time switches to reduce unnecessary use of lighting. Since installing switches and upgrading the lighting there has been a definite improvement in the store's energy efficiency.'

'When not in peak baking periods we switch off equipment that we're not using. We also turn off all equipment at least 30 minutes before closing to make sure nothing is left on standby mode.'

Building on these energy savings, Dominic has been inspired to take his efficiencies even further. 'I'm considering generating my own power with solar panels. This will increase the cost efficiency of my production processes in future.'

'My advice to other businesses considering the Energy Efficiency for Small Business Program is to work out your priorities. I was prepared to outlay \$15,000 to update the refrigeration because I wanted to reduce my electricity costs.'

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