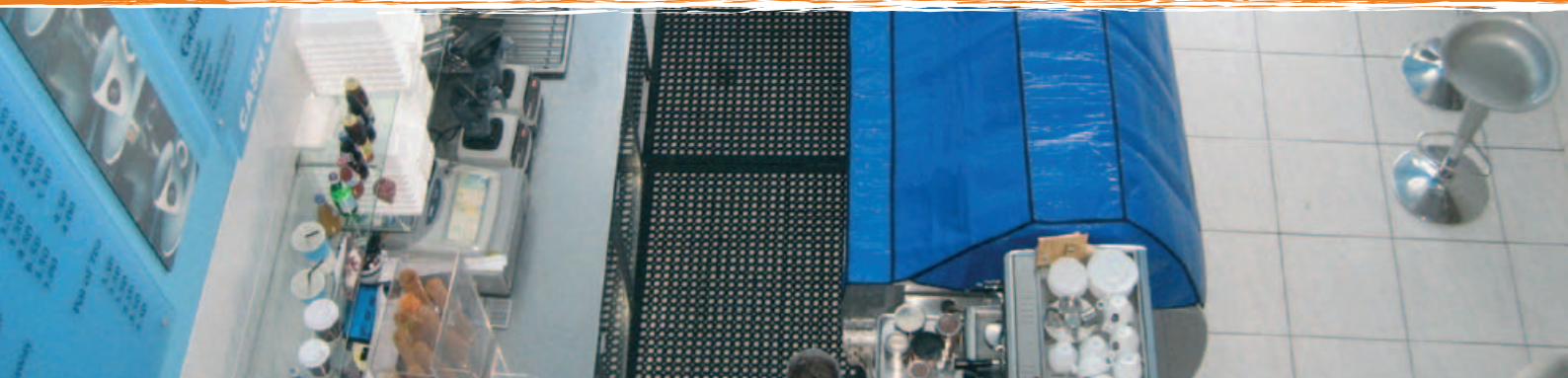


## Case study – Gelato Blue

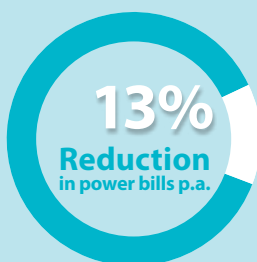


### Save on power bills with insulation

Gelato Blue is saving \$2000 a year by installing insulation covers for refrigeration units and air conditioning with a subsidy from the Energy Efficiency for Small Business Program.

#### Energy saving solutions

- Installed night covers/blankets for cold display units and the freezer
- Installed insulation covers for the ducted air conditioning
- Replaced in store lighting with LED lighting

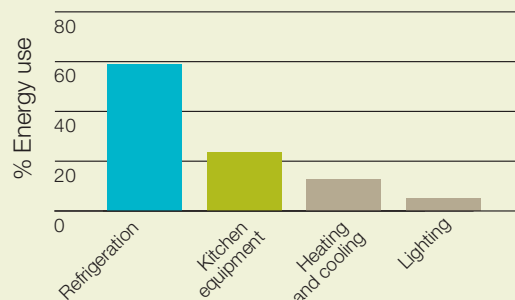


Power bill cut by \$2000 p.a.

#### Energy use profile

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

##### Top 5 energy uses



**58.7%**  
Refrigeration

**23.6%**  
Kitchen equipment

#### In brief

**Location:** Inner West Sydney NSW

Gelato Blue offers customers an assortment of homemade gelato made on the premises to traditional family recipes.

The ice creamery is a family owned business run by Constantinos Platis. Situated in Newtown, the store provides ice cream products to meet the needs of its growing customer base.

Constantinos found out about the Energy Efficiency for Small Business Program through an energy saving company.

*'The results exceeded our expectations. We have saved approximately 13 per cent on our energy bills from the previous year!'*

Constantinos Platis, Owner



## ► Gelato Blue's story

Receiving a \$1635 subsidy, Constantinos Platis was able to implement his Energy Action Plan.

For a gelateria and ice creamery, refrigeration needs to be kept below 18 degrees celsius. The energy used to maintain this temperature in the warmer months results in the store overheating. As a result, Constantinos' plan primarily focused on insulation.

Specialised insulation covers were provided to insulate the display and freezer units. Similarly insulation covers were developed for the ducted air-conditioning to minimise the energy used for cooling and heating the store.

Running the shop is demanding and although implementing the changes takes some upfront cost, owner Constantinos Platis says the benefits are worth it.

'The results exceeded our expectations. We have saved approximately 13 per cent on our energy bills from the previous year,' said Constantinos.

Encouraged by these savings, Constantinos installed a roof air ventilator to reduce his reliance on air-conditioning. 'The air-conditioning ducting now recycles warm air so I don't need to run the air-conditioning system as much and the shop is not as hot.'

Building on these energy savings, Constantinos wants to make his store even more efficient.

'Now that my refrigeration costs have been significantly reduced, my next step was to upgrade all my lighting to LED. This will increase the shop's efficiency in the long run and create a more comfortable atmosphere for my staff and customers.'

### Your next step

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

**Email** [energysaver@environment.nsw.gov.au](mailto:energysaver@environment.nsw.gov.au)

**Call** 1300 361 967

**Visit** [environment.nsw.gov.au/business](http://environment.nsw.gov.au/business)