

## Hatrack Services Ltd - Z Energy Brougham Target Sustainability Programme

### About the Company

Hatrack Services Ltd is a licenced retailer of Z Energy, a fuel supply company. Z Energy Brougham is one of their branches located at 495 Brougham Street, Christchurch.

### Introduction to the Project

Z Energy Brougham joined the Christchurch City Council Target Sustainability Programme in 2013. The Target Sustainability Programme supports businesses to reduce waste and to be energy and water efficient.

Z Energy Brougham’s objective at the time of joining the programme was to reduce waste sent to landfill and to become more energy and water efficient.

Z Energy Brougham implemented a range of projects to reduce waste sent to landfill and to improve energy efficiency.

### Key Achievements

- **Reduced waste sent to landfill by an estimated 16% (0.5 tonnes) per year.**
- **Reduced electricity use for forecourt lighting by an estimated 67% (15,600 kWh) per year, saving an estimated \$2,100 per year.**



Z Energy Brougham © Copyright

### Waste Reduction Initiatives

Z Energy Brougham reduced the amount of waste sent to landfill by an estimated 16% (0.5 tonnes) per year (based on the weight of waste sent to landfill before and after initiatives were implemented)<sup>1</sup>.

Z Energy Brougham implemented the following initiatives to reduce and recycle waste:

- Ensured that the waste collection service provider recorded the weight of waste sent to landfill so the branch could measure the improvement made through implemented initiatives.
- Raised awareness about the company’s sustainability agenda and targets, and encouraged staff to minimise waste generation and improve recycling practices. This was done through their team meetings, staff being informed about how to use new recycling systems and staff being updated on the company’s waste minimisation performance. On a national level Z Energy initiated an on-going “Waste Warrior” waste minimising competition between its branches.
- Implemented a co-mingled recycling collection system for plastic containers, glass bottles and metal cans in the checkout area, back office and forecourt area.

- Implemented a paper recycling collection system in the checkout area and back office.
- Reduced the use of paper for printing receipts. Receipts are now only issued on request by the customer rather than printed out automatically.
- Implemented an organic waste collection system for expired deli and staff food waste.

<sup>1</sup> The calculations are based on waste sent to landfill figures supplied by the waste collection service provider and compare the period between January and June 2013, which is the period prior to the implementation of waste reduction initiatives, and the July 2013 to January 2014 (excluding December due to missing data) period when the recycling initiatives were implemented.



Co-mingled and organics recycling in the checkout area © Copyright



Co-mingled and organics recycling wheelie bins © Copyright



LED lights in the forecourt area © Copyright



Co-mingled recycling collection unit in the forecourt © Copyright

## Energy Efficiency Initiatives

Z Energy Brougham reduced electricity use for forecourt lighting by an estimated 67% (15,600 kWh) per year, saving an estimated \$2,100 per year.

The savings were achieved by retrofitting forecourt lighting with energy efficient LED lights.

The estimated electricity saving is based on calculations comparing the electricity use of the previous and current lighting configurations.

## Summary

Since joining the Target Sustainability Programme, Z Energy Brougham has implemented a range of projects that have resulted in a reduction in waste sent to landfill and an improvement in energy efficiency.

*"The Team from Target Sustainability were awesome, they opened our eyes to the possibilities, both instant and long term, around improving our waste and energy saving programmes."* Anton Hutton, Operations Manager, Z Energy Brougham.

Z Energy Brougham plans to continue to look for ways to reduce and recycle waste and to implement further energy efficiency projects.

Want more information?

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