

# Weston Community Hub

4<sup>th</sup> Quarterly Energy Report – July 2016 to September 2016

## Introduction

This report summarises the energy saving results to date for the Weston Community Hub. The site is now at the end of its 12 month monitoring period.

## Results

*Table 1: Energy savings to date (12 months from October 2015 to September 2016)*

Fuel Type	Baseline period	Current period	Saving achieved to date
Electricity	194,987.0 kWh	172,900.6 kWh	22,086.4 kWh
Gas	902,804.0 MJ	642,944.3 MJ	259,859.7 MJ

*Table 2: Other savings to date (12 months from October 2015 to September 2016)*

Category	Saving
Estimated Greenhouse Gas Saving	40.7 tonnes of CO <sub>2</sub> equivalent
Estimated Financial Saving	\$10,529

## Conclusion

For the 12 months since the CEEP upgrade works, the site has reduced its electricity consumption by 11% and gas consumption by 29% (compared to the baseline period).

The following recommendations have been made to help further improve the site's energy savings:

- **Tenant equipment:** *Energy usage during off peak periods represent a large percentage of the site's electricity use. Further communication with tenants emphasising the complete shut off of all equipment is recommended, so that the energy use during off-peak times and public holidays is reduced as far as is possible.*
- **Gas Heating:** *Encourage tenants to keep all external doors closed as much as possible over winter to help the central heating system bring the building up to temperature. In particular the doors in the western end of the building near the childcare and C@W tenancies. Windows should also remain closed over winter.*