

Weston Community Hub

3rd Quarterly Energy Report – April 2016 to June 2016

Introduction

This report summarises the energy saving results to date for the Weston Creek Community Hub. The site is now 9 months into its 12 month monitoring period.

Results

Table 1: Energy savings to date (9 months from October 2015 to June 2016)

Fuel Type	Baseline period	Current period	Saving achieved to date
Electricity	138770.7 kWh	123,275.9 kWh	15,494.8 kWh
Gas	423,888.1 MJ	312,409.4 MJ	111,478.7 MJ

Table 2: Other savings to date (9 months from October 2015 to June 2016)

Category	Saving
Estimated Greenhouse Gas Saving	23.9 tonnes of CO ₂ equivalent
Estimated Financial Saving	\$5,865

Conclusion

For the first 9 months since the CEEP upgrade works, the site has reduced its electricity consumption by 11% and gas consumption by 26% (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 represents 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.*