

Conder Community House and Childcare Centre

4th Quarterly Energy Report – December 2015 to February 2016

Introduction

This report summarises the energy saving results to date for Conder Community House and Childcare Centre. The site is now at the end of its 12 month monitoring period.

Results

Table 1: Energy savings to date (12 months so far)

Fuel Type	Baseline period	Current period	Saving achieved to date
Electricity	31,796.0 kWh	17,214.4 kWh	14,581.6 kWh
Gas	0 MJ	36,070.9 MJ	N/A

Table 2: Other savings to date

Category	Saving
Estimated Greenhouse Gas Saving	13.2 tonnes of CO ₂ equivalent
Estimated Financial Saving	\$2,493

Results

For the first 12 months since the CEEP upgrade works, the site has reduced its electricity consumption by 46%. The site now consumes natural gas due to the new gas heating systems. Although the energy savings have been significant, there is still room for further improvement.

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

- **Tenant equipment:** *Energy savings during off peak periods are of high importance. As part of the tenant education program complete shut off of all equipment is stressed, so that the energy use during off-peak times is reduced as far as is possible. Particular attention should be paid to the tenants in the East and West buildings.*
- **Ducted gas heating:** *The controls need to be set up so that the gas heating is locked out in the warmer months of November to March.*