

## Cook Community Hub

1st Quarterly Energy Report – September 2014 to November 2014

### Introduction

This report summarises the energy saving results to date for Cook Community Hub. The site is now 3 months into its 12 month monitoring period.

For the first 3 months since the CEEP upgrade works, the site has reduced its electricity consumption by 14% and gas consumption by 53% (compared to the baseline period). The gas savings so far have been an excellent result, largely due to the new efficient boilers and improved building insulation. Although the electricity savings have been significant, there is still room for further improvement, particularly if the use of portable electric heaters can be reduced.

### Results

Table 1: Energy savings to date (3 months so far)			
Fuel Type	Baseline period	Current period	Saving achieved to date
Electricity	38,670 kWh	33,277 kWh	5,393 kWh
Gas	474,415 MJ	222,628 MJ	251,787 MJ

Table 2: Other savings to date	
Category	Saving
Estimated Greenhouse Gas Saving	65 tonnes of CO <sub>2</sub> equivalent
Estimated Financial Saving	\$6,614

### Recommendations

Recommendations have been made to building occupants to further improve energy savings, these included but not limited to the following:-

#### Tenant operated equipment:

- Turn off computers, printers and other MFD's at the power point when equipment not used.
- Use of inkjet printers over laser printers inkjet printers. Tenants encouraged also to 'Think before you print'.
- Use of laptop or note book computers over standard PC operating systems.

#### Boiler and Heating Operating Systems:

It is a building manager's responsibility to ensure that temperature set points are programmed accordingly for each site and do not exceed the recommended settings. Building heating schedules are carefully considered to meet the energy efficiency requirements/targets whilst at the same time factoring in individual tenant operating hours. Building systems and equipment are maintained and serviced at the required intervals to ensure optimum and efficient operation.