

# Cook Community Hub

2<sup>nd</sup> Quarterly Energy Report – December 2014 to February 2015

## Introduction

This report summarises the energy saving results to date for Cook Community Hub. The site is now 6 months into its 12 month monitoring period.

For the first 6 months since the CEEP upgrade works, the site has reduced its electricity consumption by 11% 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, the savings are not as high as predicted. This has mainly been because of portable electric heater use in some areas over winter. Subsequent adjustments to the diffusers and fans as per the recommendations made in the latest tuning report will lead to a reduction in electric heater use next winter.

## Results

*Table 1: Energy savings to date (6 months so far)*

Fuel Type	Baseline period	Current period	Saving achieved to date
Electricity	63,996 kWh	56,829 kWh	7,167 kWh
Gas	474,415 MJ	222,628 MJ	251,787 MJ

*Table 2: Other savings to date*

Category	Saving
Estimated Greenhouse Gas Saving	67 tonnes of CO <sub>2</sub> equivalent
Estimated Financial Saving	\$7,012

### **Building tenant energy saving tips**

Recommendations for tenants to further improve on building energy efficiencies and increase energy cost savings:

- Shut down office equipment and appliances when not in use, particularly overnight and on weekends
- Switch off equipment at power source.

Equipment includes but is not limited to the following:

- Personal computers and laptops
- Multi functional devices (MFD)
- IT Server.