



**Carlton & United  
Breweries**

# **Energy Efficiency Report**

**Period ending 30 June 2013**



# FOSTER'S GOUP PTY LTD PUBLIC REPORT

## Part 1 - Corporation details

Period to which the report relates

Start Period

1/7/2012

End Period

30/6/2013

## Controlling corporation

Insert the name of the controlling corporation exactly as it is registered with the EEO Program.

Foster's Group Limited

## Table 1.1 - Major changes to corporate group structure or operations

Table 1.1 – Major changes to corporate group structure or operations in the last 12 months

None.

## Declaration

### Declaration of accuracy and compliance

The information included in this report has been reviewed and noted by the board of directors and is to the best of my knowledge, correct and in accordance with the *Energy Efficiency Opportunities Act 2006* and *Energy Efficiency Opportunities Regulations 2006*. All opportunities have been assessed to a level of accuracy that is commensurate with the financial investment required for implementation.

Ari Mervis – Chief Executive Officer

Date: 24/01/2014

## Part 2 - Assessment outcomes

It is compulsory to complete Tables 2.1 to 2.3 for each entity (subsidiary, business unit, key activity or site) that has been assessed.

**Table 2.1 – Assessment details**

Name of entity	Foster's Group Limited	
A. Total corporate energy use in the last financial year	1,085,717	GJ
B. Total energy use covered by assessments	910,006.00	GJ
C. Total percentage of energy use assessed (B ÷ A) x 100	83.82%	%

Description of the way in which the entity carried out its assessment:

Foster's Group Limited, now Foster's Group Pty Ltd and trading as Carlton & United Breweries formed a Water and Energy Efficiency Review (WEER) Project 12 months ago to achieve the corporate energy, greenhouse gas and water reduction targets set by its global parent SABMiller Plc. The WEER project has been used to fulfil the obligation of the EEO programme. The WEER project consists of experts from the financial, engineering, sustainability, and supply areas of the business to identify energy use at each of the main brewery sites (Abbotsford, Yatala, Warnervale, Campbelltown and Cascade), examine ways of reducing energy consumption, short-listing ways of reducing energy use, costing each of the opportunities, prioritising each opportunity, presenting those opportunities with the potential for the best payback to senior management for consideration, and then implementing those opportunities that are approved. The WEER project is managed by the Technical Services Group. The WEER project utilises the SABMiller Water and Energy Efficiency Planner (SWEPP) tool as the vehicle for identifying the energy efficiency opportunities at each of the major departmental levels within each of our breweries. The tool consists of energy efficiency best practice metrics derived from SABMiller's more than 90 global breweries as a comparison point for local brewery performance across each of the major brewery departmental areas. The tool identifies areas where efficiency improvement can be gained and provides guidance on the top of activities to be undertaken at a brewery site to achieve better efficiencies. This tool was deployed across the Abbotsford, Yatala, Warnervale and Campbelltown breweries in 2013 to identify energy use at those sites and the opportunities for reducing that usage. The tool will be applied at the Cascade site in 2014 and this will expand the percentage of "total energy covered by assessments" for the company to above 91%. All of the WEER opportunities have been identified using this tool and these are the opportunities that form the basis of the companies EEO response.

**Table 2.2 - Energy efficiency opportunities identified in the assessment**

Status of opportunities identified	Total Number of opportunities	Total estimated energy savings per annum (GJ)
Business response	Implemented	
	Implementation commenced	
	To be implemented	
	Under investigation	48,688
	Not to be implemented	
Outcomes of assessment	Total identified	48,688

Please note that corporate groups are not required to report opportunities with a payback greater than four years. Reporting this data is voluntary.



**Table 2.3 - Details of significant opportunities identified in the assessment**

It is compulsory to report at least 1 example of a significant opportunity for improving the energy efficiency for the controlling corporation that has been identified in assessments. If a corporation has structured assessments to relate to business units or key activities they should report one significant opportunity for each of those entities to which the assessment applies.

Description of opportunity No. 1	Type of information to be covered
<p>The major opportunity identified by the WEER programme has been the potential replacement of the main boiler at the Abbotsford brewery with a more modern and efficient unit. This opportunity is currently under active consideration for implementation. If implemented it will save approximately \$281k of operational expenses per annum, cost approximately \$2.6m to implement and will have a pay-back period of approximately 9.3 years.</p>	Equipment type
	Business response
	Energy saved (GJ)
	Greenhouse gas abated (CO2-e)
	\$ saved
Payback period	

Description of opportunity No. 2 - voluntary	Type of information to be covered
	Equipment type
	Business response
	Energy saved (GJ)
	Greenhouse gas abated (CO2-e)
	\$ saved
Payback period	

Description of opportunity No. 3 - voluntary	Type of information to be covered
	Equipment type
	Business response
	Energy saved (GJ)
	Greenhouse gas abated (CO2-e)
	\$ saved
Payback period	

Please note that the *Description of opportunity* above should include information on the specific nature and type of opportunity as well as information on the type of equipment and/or process involved.



