

PUBLIC REPORT 2012

Part 1 - Corporation Details

Controlling Corporation

Sims Metal Management 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


Sims Metal Management reported energy use of 0.554 PJ in the 2010-11 financial year (F11), the last in the first five-year EEO cycle. This had fallen from more than 0.7 PJ reported in the first EEO Public Report in 2008. This trend continued in F12, with the company's total energy consumption equal to 0.49 PJ. The reporting boundary for the EEO program has included sites and equipment for which Sims' pays directly for energy consumption, as per the original EEO Act 2006. Energy efficiencies through shredder plant replacements and upgrades, fleet and mobile plant replacements, and aluminium plant efficiencies contributed to this change. However market conditions have had a far greater impact, particularly at the Laverton aluminium plant.

Moving into the second five-year cycle of the program, Sims Metal Management's boundaries will be changed to align with the Operational Control boundaries that apply under the company's National Greenhouse and Energy Reporting (NGER) submissions, and with the amended EEO Act 2008. The effect of this change will be to extend the company's coverage of energy use to include fuel and other energy usage by contractors. The changed boundaries and energy consumption will be reflected in Sims' Assessment Plan for the second cycle, and in future EEO reports to the Public and Government.

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*.


 Managing Director- Sims Group Australia Holdings Ltd

Date: 28/11/12.



Part 3 – Transition to Second Cycle

Status of opportunities identified to an accuracy of better than or equal to $\pm 30\%$		Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)
			0 – 2 years		2 – 4 years		> 4 years		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
As reported in Dec 2011	Under Investigation	2							TBC
Business Response as at 30 June 2012	Implemented								
	Not to be Implemented								
	To be evaluated/reported in the second cycle	2							TBC

1. Brooklyn Shredder – Melbourne

- a. Replacement of the downstream with improved magnetic and air separation systems that will allow full utilisation of the processing capability of the Shredder. This project is completed, and while process improvements have been achieved energy savings are likely to be negligible.
- b. Building a new Off Line Recovery Plant will negate the need to slow the throughput rate and run the Shredder at optimum production rates. This is being commissioned and modest gains in efficiency are expected. These will be confirmed via continued monitoring of post-implementation performance and reported in future EEO reporting.

2. Perth Operations

- a. Sims' is in the process of gaining approval to relocate the major scrap processing operation in Perth. A green field site has been acquired to replace Spearwood. A Development Application for this new site was submitted with a view to construction of the new site commencing by the start of F13. Delays in approvals processes now mean this start date is delayed and a later commencement in F13 is likely. Energy efficiency is a core part of the new plant design and this will be confirmed as the project progresses, and reported in future EEO reporting.