

PUBLIC REPORT 2013

Part 1 - Corporation details

Controlling corporation

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

D&R Henderson Pty Ltd

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

Economic downturn in building industry required the Company to restructure manufacturing output.

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.


 David W Henderson, Executive Director

Insert name and title of signatory here
 (chair of the board, CEO, or managing director)

Date 10.12.13

Part 2 - Assessment outcomes

Table 2.1 – Assessment details

It is compulsory to complete a separate table for each entity* that has been assessed

Name of entity	D&R Henderson Pty Ltd, Monsbent & Sawmill, Benalla	
Total energy use in the last financial year	546,713	GJ
Total percentage of energy use assessed when assessments were undertaken	100	%

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

As per the Key Elements of the Assessment Framework as detailed in Schedule 7 of the Regulations by following our Company EEO Process Procedure methodology. Benalla site EEO Committee formed to save energy.

The approved Assessment Plan at Monsbent and the Sawmill was implemented with: gas and electricity energy use flow charted (energy mass balanced) including accuracy error (within 5%); sub-meter installation underway; sub-metering data computerised; industry benchmarking obtained; annual action plan documented; energy use and production data for current 24 month period maintained.

The Benalla particleboard mill (Monsbent) used 444,748 GJ which is 81.3% of total site energy use.

Monsbent manufacturing scheduled to reduce energy use. Monsbent used 90,199 GJ less energy than previous financial year (17% saving).

No wood dust sent to landfill as all used as energy fuel for Monsbent processing.

The Benalla site Energy Monitoring System implementation is underway

The Benalla Sawmill used 101,965 GJ which is 18.7% of total site energy use.

* Entity is group member, business unit, or key activity. Please note that, for individual sites that use more than 0.5 PJ of energy, all energy use must be assessed (less a small proportion for non-integral energy use).

Table 2.2 - Energy efficiency opportunities identified in the assessment

It is compulsory to complete a separate table for each entity that has been assessed

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	
Business response	Implemented	1	1	90,199					90,199
	Implementation commenced								
	To be implemented								
	Under investigation	1	1	48,125					48,125
	Not to be implemented	1			1	1,301			1,301
Outcomes of assessment	Total identified	3	2	138,324	1	1,301			139,625

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

Corporate groups are required to provide at least three examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

Description of opportunity No. 1	Voluntary Information	
Drum dryer dust burning venturi with rotary valve and bypass to increase wood dust burning rate by altering natural gas and wood dust ratio	Equipment type	Schenkman & Piel venturi
	Business response	Under investigation
	Energy saved (GJ)	48,125 p.a.
	Greenhouse gas abated (CO2-e)	1,415 p.a.
	\$ saved	431,869 p.a.
	Payback period	0.1 years

Description of opportunity No. 2	Voluntary Information	
Solar powered site shed lights	Equipment type	99 kW mono crystalline tilt kit
	Business response	Not to be implemented
	Energy saved (GJ)	1,301 p.a.
	Greenhouse gas abated (CO2-e)	38 p.a.
	\$ saved	49,035 p.a.
	Payback period	4 years

Description of opportunity No. 3	Voluntary Information	
Production line run time reductions to save energy	Equipment type	Existing
	Business response	Implemented
	Energy saved (GJ)	90,199
	Greenhouse gas abated (CO2-e)	2,653 p.a.
	\$ saved	809,437
	Payback period	Last financial year

Please note that the *Description of the 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.

