WOOLWORTHS LIMITED PUBLIC REPORT 2010

Controlling Corporation

Woolworths Limited

Period to which this report relates

Start 1 July 2006 **End** 30 June 2010

(eg. for a Corporate Group with the trigger-year 2005-06, the report will cover the period 1.7.2006-30.6.2010)

Part 1 – Information on assessments completed to date

Table 1.1 – Description of the way in which the Corporate Group (or part of it) has carried out its assessments

Woolworths has continued to work on the assessments identified in previous reporting periods for all three entities covered in this report. The total number of opportunities, the estimated energy savings and the relevant payback periods have changed for some of the original assessments due to improved accuracy of estimating energy

A dedicated Project Engineering Team continues to identify, analyse, trial and implement energy efficiency and sustainability projects. The Team includes a Manager - Analysis and Review, who trends and estimates the costs and benefits of all energy efficiency projects. This role also conducts monthly analysis of the actual costs, energy savings and carbon emission savings from all implemented projects, as well as those undergoing trials. The success of any trials determines the scale to which the technology or initiative will be rolled out across the division.

In some cases it is only feasible to incorporate a new technology into a new store design, whilst other technologies deliver benefits and a return on investment which warrant inclusion into store refurbishments or retrofits.

Assessments were conducted on opportunities in refrigeration, air conditioning and lighting and successful trials completed on these technologies. In supermarkets we commenced 46 new energy saving initiatives, and this long term investment of over $13 million is expected to reduce annual carbon emissions by 109,520 tonnes by 2015.

In 2007, during the development of Woolworths' eight year sustainability strategy, forecasts were made on energy use and carbon emissions based on business-as-usual development and expansion. In 2010 our carbon emissions from electricity use and refrigerant loss were 500,000 tonnes less than the business-as-usual estimate.

Part 1 – Information on assessments completed to date (continued)

Table 1.2 – Energy use assessed		
Group member and/or business unit and/or key activity and/or site (or part thereof) that has had an assessment completed by 30 June 2010 (Include all assessments completed to date for the current 5 year cycle).	**Period over which assessment was undertaken[1]**	**Energy use for the period 1.7.2009 to 30 June 2010 of the assessed entity (or part thereof) expressed in GJ[2]**
Supermarkets and Logistics	January 2008 to June 2011	7,569,530
BIG W	January 2008 to June 2011	777,315
Dick Smith and Tandy	January 2008 to June 2011	123,090
Total energy use of assessed entities (or part thereof)		**8,469,935**
Total energy use of the whole corporate group in the period 1.7.2009 to 30 June 2010		**10,452,642**
Total energy use of assessed entities (or part thereof) for the period 1.7.2009 to 30.6.2010 expressed as a percentage of total energy use for the period 1.7.2009 to 30.6.2010		81%

1. This should be the start and finish date (month and year) for the assessment (planned assessment dates were nominated in Table 3.1 of the approved ARS).

2. Energy Bandwidth may only be used if approved in the Assessment and Reporting Schedule.

Table 1.3 – Accuracy of energy use assessed data		
Entity	**% achieved**	**Reasons for not achieving data accuracy to within ±5%**
		Table deliberately left blank

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2A - New assessments completed or not reported since your last Public Report

Name of Group member or business unit or key activity or site: _Woolworths Supermarkets and Logistics_____

Total energy use for the period 1.7.2009 to 30.6.2010 of the assessed entity (or part thereof) from which the opportunities identified below were generated (and is reported in Table 1.2).	7,569,530	GJ

Table 2.1 – Opportunities assessed to an accuracy of better than or equal to (<=) ±30%

Status of opportunities identified		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	Under Investigation	390	141	11,264			249	159,170	170,434
	To be Implemented	411	402	96,273	6	2,705	20	3,424	102,402
	Implementation Commenced								
	Implemented	2	1	183			1	199	382
	Not to be Implemented	1			1	300			300
Outcomes of assessment	Total Identified	804	544	107,720	7	3,005	270	162,793	273,518

Part 2A - New assessments completed during the reporting period (continued)

Name of Group member or business unit or key activity or site: __BIG W_____

Total energy use for the period 1.7.2009 to 30.6.2010 of the assessed entity (or part thereof) from which the opportunities identified below were generated (and is reported in Table 1.2).	777,315	GJ

Table 2.2 – Opportunities assessed to an accuracy of worse than (>) ±30%

Status of opportunities identified		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	Under Investigation								
	To be Implemented								
	Implementation Commenced								
	Implemented	40	39	2,606			1	4	2,610
	Not to be Implemented								
Outcomes of assessment	Total Identified	40	39	2,606			1	4	2,610

Part 2A - New assessments completed during the reporting period (continued)

Name of Group member or business unit or key activity or site: __Dick Smith_____

Total energy use for the period 1.7.2009 to 30.6.2010 of the assessed entity (or part thereof) from which the opportunities identified below were generated (and is reported in Table 1.2).	123,090	GJ

Table 2.2 – Opportunities assessed to an accuracy of worse than (>) ±30%

Status of opportunities identified		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	Under Investigation	60			60	626			626
	To be Implemented	186			86	898	100	1,764	2,662
	Implementation Commenced								
	Implemented								
	Not to be Implemented								
Outcomes of assessment	Total Identified	246			146	1,524	100	1,764	3,288

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2B - Update of assessments reported in previous Public Reports

Name of Group member or business unit or key activity or site: __ Woolworths Supermarkets and Logistics _____

Total energy use for the period 1.7.2009 to 30.6.2010 of the assessed entity (or part thereof) from which the opportunities identified below were generated (and is reported in Table 1.2).	7,569,530	GJ

Table 2.3 – Opportunities assessed to an accuracy of better than or equal to (<=) ±30%

Status of opportunities identified		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	Under Investigation	227	226	76,421			1	27	76,448
	To be Implemented	83	2	2,486	60	45,918	21	3,732	52,136
	Implementation Commenced								
	Implemented	54	9	14,678	37	47,196	8	1,565	63,439
	Not to be Implemented	1,276					1,276	66,485	66,485
Outcomes of assessment	Total Identified	1,640	237	93,585	97	93,114	1,306	71,809	258,508

Part 2B - Update of assessments originally reported in previous Public Reports (continued)

Name of Group member or business unit or key activity or site: ___BIG W_____

Total energy use for the period 1.7.2009 to 30.6.2010 of the assessed entity (or part thereof) from which the opportunities identified below were generated (and is reported in Table 1.2).	777,315	GJ

Table 2.4 – Opportunities assessed to an accuracy of worse than (>) ±30%

Status of opportunities identified		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	Under Investigation	15	14	409	1	324			733
	To be Implemented	68	68	4,782					4,782
	Implementation Commenced	680	658	50,714			22	155	50,869
	Implemented	100	82	4,413	17	418	1	219	5,050
	Not to be Implemented	80	80	5,088					5,088
Outcomes of assessment	Total Identified	943	902	65,406	18	742	23	374	66,522

Part 2B - Update of assessments originally reported in previous Public Reports (continued)

Name of Group member or business unit or key activity or site: ___Dick Smith_____

Total energy use for the period 1.7.2009 to 30.6.2010 of the assessed entity (or part thereof) from which the opportunities identified below were generated (and is reported in Table 1.2).	123,090	GJ

Table 2.4 – Opportunities assessed to an accuracy of worse than (>) ±30%

Status of opportunities identified		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	Under Investigation	948	356	5,393	89	10,641	503	12,329	28,363
	To be Implemented	264			264	2,684			2,864
	Implementation Commenced								
	Implemented	712	712	3,513					3,513
	Not to be Implemented								
Outcomes of assessment	Total Identified	1,924	1,068	8,906	353	13,325	503	12,329	34,560

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2C - Details of at least three significant opportunities found through EEO assessments

Table 2.5 – Description of 3 significant opportunities
Opportunity 1
Woolworths has identified the opportunity for a new ceiling lighting plan for 400 supermarkets throughout Australia. The new lighting includes the retrofit installation of LED lighting and supplementary fluorescent lighting instead of using metal halide lights throughout the store front, produce, bakery and liquor area. This lighting plan was trialled in store in New South Wales and was found to have no issues with lighting levels within the store. The roll out across 400 stores is expected to reduce energy use by 96,131 GJ per year when all stores have been retrofitted and due to a lower cost compared to existing lighting there is an upfront cost saving. Eventual saving from reduced energy use is estimated to be around $3.6 million.
Opportunity 2
BIG W has been conducting trials on reflective roof coatings for their stores. The reflective paint and roof material will reflect thermal energy from the sun away from the building and reduce the demand on the store's air conditioning system. During construction of BIG W's first green store, in Inverell, NSW, this coating was applied and along with a range of energy saving initiatives is expected to reduce electricity by 30% compared to a business-as-usual store. Application of this coating has been estimated to save 535 GJ of energy per year for each store.
Opportunity 3
The Project CO2 innovations for existing store refrigeration have been introduced into the new store kit, furthering our focus on improving energy efficiency in refrigeration. The innovation includes glass lids on island freezers, high efficiency fans, LED lighting, and pulsing anti sweat heating for glass doors. During the construction of 175 new supermarkets in the next five years it is estimated that this innovation will save

148,680GJ per year in energy, and will eventually save $2.7 million per year.

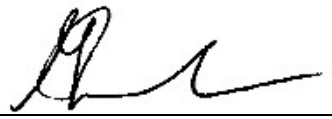
Innovation in refrigeration continues to be a focus for the company and with every successful trial we find new technology which can also be included in both new and existing stores.

Opportunity 4

Although more a carbon emission saving than an energy saving, Woolworths installed two solar photovoltaic systems on petrol stations in the ACT. These systems have been modeled to generate 15% of the energy need for these sites and will deliver over 160 GJ of electricity each year.

Results from these trials and the introduction of gross feed-in tariffs in other states and territories may lead to further investment in renewable energy.

Part 4 - Declaration

Table 4.1 - Declaration of accuracy and compliance (mandatory information)	
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*.	
	Insert Name and Title (Chair of the Board, CEO, or Managing Director) of Signatory here
	Date 30/12/10