

THE CRITERIA AGAINST WHICH THE KPIS WERE MEASURED IN THE 2011 GOOD BUSINESS JOURNEY REPORT IS AS FOLLOWS:

1. Water usage at head office: Total water usage for the 12 months ended 26 June 2011 of the four head office buildings (Woolworths House, Atlantic House, CTC and 5 Corporation Street) based on their municipal bills.
2. Water usage at distribution centres: Total water usage for the 12 months ended 26 June 2011 for the distribution centres owned by Woolworths – Midrand, Maxmead and Montague Gardens based on actual meter readings for Midrand and Maxmead and based on the municipal bill for Montague Gardens.
3. Rating of the stores against the Green Stores Model:

Woolworths Green Store (note 1) Initiative Rating Tool				Store (y/n)?
		<i>Weighting</i>	<i>Rating</i>	
<i>Refrigeration</i>		110		
	<i>100% natural gas system</i>		85	
	<i>OR Natural Gas / HFC system</i>		80	
	<i>OR HFC system</i>		75	
	<i>Energy savings components (note 2)</i>		20	
	<i>Gas leak detection</i>		5	
<i>Air Conditioning</i>		20		
	<i>Underfloor heat reclaim & heat pumps (Foods) and/or HFC air cooled package with energy savings (C&H)</i>		20	
	<i>OR Hot water heat reclaim (Foods) and/or HFC air cooled package (C&H)</i>		18	
	<i>OR Hot gas heat reclaim (Foods) and/or HFC air cooled package (C&H)</i>		16	
<i>Lighting</i>		20		
	<i>Roof mounted opaque skylights</i>		10	
	<i>OR Opaque louvres on smoke vent system</i>		8	
	<i>Side wall glazing (note 9)</i>		2	
	<i>Dimmable lighting under natural light conditions</i>		3	
	<i>Movement sensors in back up areas</i>		1	
	<i>LED spot lighting (Foods) and/or low wattage spots (C&H) (note 6)</i>		1	
	<i>LED linear lighting (Foods) and/or T5 lamps (C&H) (note 6)</i>		1	
	<i>Electronic ballasts in linear light fittings (note 3)</i>		1	
	<i>LED in freezer doors (note 6)</i>		1	

Water		15	
	Rainwater capture and recycle		5
	On line water metering (note 8)		2
	Waterless urinals		2
	Timer taps on basins		2
	Dual flush toilets		2
	Heat pump geyser for interactive use		2
Management and Control:		15	
	Metering Online monitoring system		2
	Automated load control (ALC) (note 4)		5
	Voltage Regulator (note 5)		5
	Real time energy display		3
Other:		20	
	Full air lock / revolving door (note 9)		3
	OR automated sliding doors		2
	LED external signage (note 6)		1
	Waste management recycling facilities in store (note 9)		1
	VOC free paint (note 7)		2
	Recycled paper bulkheads		1
	Low emission back up generator		1
	Cycling rack or close access to public transport (note 9)		1
	Purchase of renewable energy to offset carbon emissions		10
Maximum possible score		200	

Classifications:

Baseline

Rating of 115 or higher

- 1 *The Green Stores Model above represents the model that was used to assess the progress of the sustainability of new Woolworths stores opened in the 2010 and 2011 financial year. The Green Stores Model was developed by Woolworths Management. It will be improved and expanded on from year to year. To indicate items specific to Foods or Clothing & Home stores, the abbreviations Foods and C&H were used. If no indication is given, the item applies to both Foods and Clothing & Home stores. In order to achieve a baseline rating, the new stores opened in the 2010 and 2011 financial year were assessed against the detailed requirements in the table above.*
- 2 *Full house energy saving options includes all of the following: Refrigeration cases: high pressure coils in refrigeration cases; electronically commutated (EC) fan motors; electronic valves and front glass shelf to prevent cold air spillage from open refrigeration cases; no electrical defrost system, low energy lighting and LED lighting in glass door freezers. Other: Variable speed drives (VSDs) on fan and pump motors; EC fan motors on condensers and energy demand optimization software.*
- 3 *Electronic ballasts reduce lighting energy consumption on start up. A further energy saving of 20% during usage compared to conventional wire wound ballast with a considerable reduction in heat loss.*
- 4 *ALC is defined as automated load control. The system allows one to access and control electrical equipment via a wide area network, nationally or internationally. The ALC assists both with reducing the energy consumption (kWhrs) and the reduction of the maximum demand (kVA). Thus helping with the reduction of replacement costs of electrical equipment. MOL is defined as metering on line. This assists in saving energy by providing store and head office management with online profiles of their daily electricity consumption and billing, creating awareness with staff and allows accurate and realistic reduction targets to be set.*
- 5 *Voltage regulator is defined as a constant voltage regulator. This assists in saving energy by producing a constant voltage output independent of input voltage fluctuations.*
- 6 *LED lighting is defined as an energy saving light source. The LED light source is a low energy consumption light source, has a long life and is low maintenance.*
- 7 *VOC free paint. VOC is defined as volatile organic compounds. VOC free paint is seen as a green solution to paint because it reduces toxins ,reduces landfill groundwater and ozone depleting contaminants, is water based with little or no hazardous fumes and not deemed to be hazardous waste.*
- 8 *Online water metering is defined as an automatic water meter and real time monitoring service. This assists in saving water by providing store and head office management with online profiles of their daily water consumption and billing, creating awareness with staff and allows accurate and realistic reduction targets to be set.*
- 9 *The implementation of these measures is very dependent on where the store is located.*