

FIRST PUBLIC REPORT

Controlling Corporation

Harvey Norman Holdings Limited
Trading as Harvey Norman, Domayne, Joyce Mayne.

Period to which this report relates

Start

1 July 2006

End

30 June 2008

Part 1 - Summary of assessments conducted thus far

Table 1.1 - Description of the way in which the corporation has carried out its assessments and over what period was each assessment taken.

During the period of July 2007 – June 2008, Harvey Norman conducted two site assessments from its store portfolio. One store was under the Harvey Norman banner; the other, under the Domayne banner. Both sites were comprehensively assessed to understand how energy is used and to identify energy efficiency opportunities. A total of 29 opportunities were identified to improve energy efficiency associated with lighting, airconditioning and mechanical ventilation systems. Harvey Norman is currently carrying out site assessments to a number of additional stores to gain further intelligence on outcomes from the assessment process. Once this information is attained Harvey Norman will provide a business response on developing a strategic approach to implementing energy efficiency measures across its store portfolio.

Harvey Norman understands that the site assessments undertaken to date have been thorough and comprehensive, as outlined in the company's approved Assessment and Reporting Schedule (ARS). The assessment process has engaged the participation of multi-disciplinary teams which included people from Harvey Norman corporate and site management and external service providers. Detailed analysis of energy usage was carried out for each site to inform the opportunities raising process, with opportunities identified and evaluated to an appropriate level to enable a business response. Outcomes of the assessments have been communicated to relevant staff for further action.

Table 1.2 - Group member/business unit/key activity/site that have been assessed	Energy use per annum in the year the assessment is completed *	Energy data accuracy (if not within ±5%) **	Reasons for not achieving data accuracy to within ±5% **
Harvey Norman – Auburn Store	11,349 GJ		
Domayne – North Ryde Store	7,090 GJ		
Total	18,439 GJ		
Total as a percentage of total energy use of the group covered by this report	4%		

Part 2 - Outcomes of and business response to opportunities that have been identified and evaluated for each group member, business unit, key activity or site assessed

Group member/business unit/key activity/site >0.5 PJ name: **Harvey Norman and Domayne**

Table 1.3 Status of Opportunities		Number of Opportunities	Estimated energy savings per annum by payback period (GJ)		Total estimated energy savings per annum (GJ)	*Accuracy range (%)
			0 – < 2 years	2 – ≤ 4 years		
Outcomes of assessment	Identified (accuracy ≤ ±30%)	29	1,183	1,958	3,132	± 30%
	Identified (accuracy > ±30%)					
	**Total Identified	29	1,183	1,958	3,132	± 30%
***Business Response	Under Investigation	29	1,183	1,958	3,132	± 30%
	To be Implemented					
	Implementation Commenced					
	Implemented					
	Not to be Implemented					

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Details of at least three significant opportunities found through EEO assessments


Table 1.4	
Opportunity 1	
Site Assessed:	Harvey Norman – Auburn Store
Opportunity Identified:	Energy reduction opportunities associated with lighting comprising: <ul style="list-style-type: none"> - Install voltage reduction units to fluorescent lighting in the retail and car park areas, - Replace existing halogen and incandescent lamps with energy efficient IRC and compact fluorescent lamps, - Install motion sensors in intermittently occupied areas such as the car park, store rooms and meeting rooms to switch off lighting when not in use, and - Split the lighting in retail areas so that only 50% of lighting can be turned on out-of-hours for cleaning purposes.
Project current status:	Currently under further investigation.
Opportunity 2	
Site Assessed:	Harvey Norman – Auburn Store
Opportunity Identified:	Energy reduction opportunities associated with Heating, Ventilation and Air Conditioning comprising: <ul style="list-style-type: none"> - Optimise the temperature setpoints of air conditioning units so conditioned space are not over heating and over cooling, - Delay the start time of air conditioning units to reduce unnecessary energy usage each morning, and - Install a carbon monoxide sensing system with inclusion of a variable speed drive to control the car park ventilation system.
Project current status:	Currently under further investigation.
Opportunity 3	
Site Assessed:	Domayne – North Ryde Store
Opportunity Identified:	Energy reduction opportunities associated with lighting comprising: <ul style="list-style-type: none"> - Install voltage reduction units to fluorescent lighting in the retail and car park areas, - Replace existing halogen and incandescent lamps with energy efficient IRC and compact fluorescent lamps, - Install motion sensors in intermittently occupied areas such as the car park, store rooms and meeting rooms to switch off lighting when not in use, - Split the lighting in retail areas so that only 50% of lighting can be turned on out-of-hours for cleaning purposes, and - Install photoelectric sensors to switch off lights at the car park entries and retail area (near the light well) as there is abundant natural lighting. - Install motion sensors on lighting in the pedestrian bridge.
Project current status:	Currently under further investigation.
Opportunity 4	
Site Assessed:	Domayne – North Ryde Store
Opportunity Identified:	Energy reduction opportunities associated with Heating, Ventilation and Air Conditioning comprising: <ul style="list-style-type: none"> - Optimise the temperature setpoints of air conditioning units so conditioned space are not over heating and over

- cooling,
- Delay the start time of air conditioning units to reduce unnecessary energy usage each morning, and
- Install a carbon monoxide sensing system with inclusion of a variable speed drive to control the car park ventilation system.

Project current status: Currently under further investigation.

Part 4 - Declaration

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*.


John Slack-Smith
Chief Operating Officer

Chair of the Board of Directors/CEO/Managing
Director/equivalent officer (state position)