



FIRST PUBLIC REPORT

Controlling Corporation

NB Flinders Pty Ltd

Period to which this report relates

(See sub-section 22(2) of the Act and Regulation 7.1 of the *Energy Efficiency Opportunities Regulations (the Regulations) 2006*)

Start

July 2006

(Day after the end of the trigger year or date that 1st assessment started)

End

September 2008

(Date 1st assessment completed or up to the day that the report due)

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. A statement saying that the intent and key requirements of the Energy Efficiency Opportunities legislation have been met must be made.

Myer engaged external experts to carry out formal Energy Audits between June-September 2008, in order to identify and evaluate energy improvement opportunities. Specifically, the work undertaken included:

- Level 2 Energy Audit per Australian Standard AS/NZS 3598:2000;
- Assessment of energy use, information, and data, data analysis, and development of an energy baseline;
- Development of the Energy Mass balance (EMB);
- Identification and evaluation of potential energy efficiency opportunities.

Due to the large number of retail sites across Australia, the assessments were carried out using a representative sample of six stores. Factors such as geographic and climatic conditions of sites, as well as equipment type and building age, were taken into account when choosing the representative sample.

Energy efficiency opportunities were primarily identified in the areas of Lighting and HVAC, which are the primary consumers of energy in retail spaces. The business is currently responding to the opportunities identified in the assessments, with implementation commencing in some areas and others to be implemented or currently under investigation.

The intent and key requirements of the EEO legislation have been met by Myer as the business:

- Has undertaken an assessment of its EEO opportunities in order to improve the way in which opportunities are identified and evaluated; and
- Will report publicly on the outcomes of the assessments in order to demonstrate to the community that the business is effectively managing its energy.

This is in line with the intent of the EEO legislation, which is 'to improve the identification and evaluation of EEO opportunities by large energy using businesses and, as a result, to encourage implementation of cost effective energy efficiency opportunities'.

| 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 $\pm 5\%$) ** | Reasons for not achieving data accuracy to within $\pm 5\%$ ** |
|---|---|---|--|
| Myer Pty Ltd (Retail Stores & Store Support Office) | 923, 166 GJ (July 07 to June08) | Within +/- 5% | Not applicable |
| | | | |
| | | | |
| Total | 923, 166 GJ | | |
| Total as a percentage of total energy use of the group covered by this report | 98% | | |

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

** Data accuracy not within $\pm 5\%$ can only be included if approved in the Assessment and Reporting Schedule

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

(See paragraphs 3-6 of Schedule 4 and Schedule 6 of the Regulations)

Group member/business unit/key activity/site >0.5 PJ name: Myer Pty Ltd (Retail Stores & Store Support Office)

| 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%) | 1 | 4,483## | 8,307## | 12,789 | ≤ ±30% |
| | Identified (accuracy > ±30%) | 4 | 18,908 | - | 18,908 | > ±30% |
| | | | 12,213## | 3,130## | 15,343 | |
| | | | 7,707 | - | 7,707 | |
| | | | 1,918## | 9,577## | 11,495 | |
| **Total Identified | | 5 | N/A savings are not cumulative# | | | |
| ***Business Response | Under Investigation | 2 | 12,213## | 3,130## | 15,343 | ≤ ±30% |
| | | | 1,918## | 9,577## | 11,495 | |
| | To be Implemented | 1 | 4,483## | 8,307## | 12,789 | > ±30% |
| | Implementation Commenced | 2 | 18,908 | - | 18,908 | ≤ ±30% |
| | | | 7,707 | - | 7,707 | |
| Implemented | | | | | | |
| Not to be Implemented | | | | | | |

*The accuracy range for projected or actual costs, benefits and energy savings.

**You must ensure that this row is the sum of the two rows above it.

*** The data contained in each row of the business response area must total to the data contained in the 'Total Identified' row.

Note: An opportunity is any potential change to a system, activity or piece of equipment that:

- is identified during an EEO assessment;
- is consistent with legal requirements such as OHS, and
- may result in energy savings projects with payback periods of 4 years or less.

Note that savings are not cumulative as some identified opportunities may impact or reduce the savings of other opportunities, for example, re-lamping will reduce the savings achieved by amending lighting schedules.

Note that some identified opportunities have two payback periods as different retail stores (65 in total) are subject to variable factors such as, different energy rates, and varying equipment age/ condition, and thus payback periods will vary for different stores accordingly, for example, the payback period will be shorter in stores subject to higher energy rates.

Details of at least three significant opportunities found through EEO assessments

(See paragraph 7 of Schedule 4 of the Regulations)

Details must include a brief description of the opportunity and may optionally include details of the costs of implementation, energy/dollar savings and any other benefits (such as greenhouse reductions).

Table 1.4

Opportunity 1

LAMP REPLACEMENT

Myer has identified two types of lamps which are currently in stores and are high in energy use- these being Par 38 100W and 25W CMH lamps.

The business has surveyed its stores in order to calculate the number of lamps requiring replacement, and intends to gradually replace these lamps across all relevant stores within the next 5-7 years at a total cost of approximately \$4M.

Opportunity 2 *

ADJUST TRADE LIGHTING SCHEDULES

Myer has reviewed its trade lighting schedules and intends to change the timings for turning lights on and off within stores, where there is opportunity to do so. This initiative will be progressively implemented, and will minimise the energy use across stores.

Opportunity 3 **

ADJUST HVAC TIME SCHEDULES

Myer has reviewed its HVAC schedules and intends to change the timings for turning HVAC on and off within stores, where there is opportunity to do so. This initiative will be progressively implemented, and will minimise the energy use across stores.

*If there are less than three significant opportunities, provide details of those identified.

**If no significant opportunities have been identified in the assessment, a statement to this effect.

Part 3 - Voluntary Contextual Information

Reporting corporations may supply additional information that provides more context to the public report. Such information may include:

Other contextual information about the corporation's energy use and management:

New and Refurbished Stores

Myer currently incorporates environmentally sustainable development requirements and initiatives into new and refurbished stores. For example, energy efficient lamps and lighting solutions, variable speed drives for escalators, etc.

New Myer Head Office

The new Myer Head Office will be a 5 star Green Star and 5 star Australian Building Greenhouse rated building.

Part 4 - Declaration

(See paragraph 8 of Schedule 4 of the Regulations and paragraph 22(4)(c) of the Act)

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*.

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