



FIRST PUBLIC REPORT TEMPLATE

Controlling Corporation

Crown Limited

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

1 January to 30 June 2008 – Crown Melbourne Limited – Hotels (Crown Towers and Crown Promenade Hotel)

1 January to 30 June 2008 – Burswood Nominees Limited – Hotels (Intercontinental and Holiday Inn)

The intent and key requirements of the EEO legislation have been and will be met within the above program.

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 $\pm 5\%$ **
Crown Melbourne Limited	819,937 GJ		
Burswood Nominees Limited	241,000 GJ		
Total	1,060,937 GJ		
Total as a percentage of total energy use of the group covered by this report	21.3%		

* 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: Crown Melbourne Limited – Hotels (Crown Towers and Crown Promenade Hotel)

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%)	14	6845	3070	9915	±10-30%
	Identified (accuracy > ±30%)	9	1440	140	1580	> ±30%
	**Total Identified	23	8285	3210	11495	
***Business Response	Under Investigation	5	4190	0	4190	
	To be Implemented	12	3095	3070	6165	
	Implementation Commenced	0	0	0	0	
	Implemented	0	0	0	0	
	Not to be Implemented	6	1000	140	1140	

*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.

Group member/business unit/key activity/site >0.5 PJ name:

Burswood Nominees Limited – Hotels (Intercontinental and Holiday Inn)

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%)	18	3512	1545	5057	±10-30%
	Identified (accuracy > ±30%)	21	846	700	1546	> ±30%
	**Total Identified	39	4358	2245	6603	
***Business Response	Under Investigation	15	1371	1545	2916	
	To be Implemented	19	2987	0	2987	
	Implementation Commenced	1	0	700	700	
	Implemented	0	0	0	0	
	Not to be Implemented	4	0	0	0	

*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.

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).

1) Crown Melbourne Limited – Hotel Energy Metering

Improvements to the Energy Metering and sub-metering System (EMS) of high demand areas such as; the hotel guest room, the front of house and back of house, will provide improved energy tracking and enable energy management of the specific areas.

Sub metering will provide comprehensive reporting of electricity, gas and energy used for the air conditioning systems, domestic hot water production, pool energy consumption, general power and lighting.

Although this opportunity does not have a specific payback, future reporting will enable direct comparison with internal and industry benchmarks; leading directly to energy savings, and assisting with the tracking of other opportunities such as tariff management and BMS control optimisation.

2) Crown Melbourne Limited – Hotel Room Set point

The Crown Towers and Crown Promenade Hotel room set point will be modified to 24°C in summer and 20°C in winter. This reduces the amount of energy required for the heating or cooling of outside air provided to the room, as the outside air will not have to be heated or cooled as much as the previous set point.

This opportunity is managed through policy change, as the set point will be set by the Crown staff during room housekeeping activities. Occupants will have opportunity to modify the room temperature so the initiative does not impact on the personal comfort of guests.

The specific energy savings are mostly achieved when the rooms are unoccupied, and represent approximately 1-2% of total Crown Towers and Crown Promenade Hotel energy consumption.

3) Burswood Nominees Limited – Boilers and Chillers Controls Holiday Inn

Improvements to the building management system (BMS) controls and interfaces, of the air cooled chiller and domestic hot water boilers, will provide improved energy tracking and monitoring for the Holiday Inn. This will enable direct comparison with internal and industry benchmarks; leading directly to energy savings, and assisting with the tracking of other opportunities such as tariff management and BMS optimisation.

Both of these systems will also facilitate a greater understanding of energy consumption for the hotels air conditioning. It is estimated that that these initiatives will improve the control, and provide an energy saving in the order of 2-3%.

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*.

Sign



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