

FIRST PUBLIC REPORT

Controlling Corporation

Mossman Central Mill Co 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 01 Jan 2006

End 31 Dec 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.

Mossman Mill currently records energy data for bagasse consumption, steam and electricity generation, electricity export and import, oil and coal consumption etc through a computer database and accounts systems.

Mossman Mill accounts department currently record fuel use.

Mossman Mill routinely analyses or assesses power readings for electrical energy.

Energy use will be measured to within $\pm 10\%$ accuracy

Mossman Mill's energy requirements come from on average $> 98.5\%$ renewable sources

| 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 $\pm 5\%$ ** |
|--|--|--|---|
| Mossman Central Mill Co Ltd | 1.30 PJ | +/- 10% | Error accumulated due to level of accuracy and assumptions made in determining fibre and ash levels in cane, bagasse and mud. |
| Total | 1.30 PJ | | |
| Total as a percentage of total energy use of the group covered by this report | 100% | | |

* 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: _____

| 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%) | | | | | |
| | Identified (accuracy > ±30%) | | | | | |
| | **Total Identified | | | | | |
| ***Business Response | Under Investigation | 2 | | | Ongoing Assessment | |
| | To be Implemented | | | | | |
| | Implementation Commenced | | | | | |
| | 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.

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 |
|--|
| <p style="text-align: center;">Investigate reducing power consumption in cooling water recirculation by the use of variable speed drives .</p> |
| Opportunity 2 * |
| <p style="text-align: center;">Investigate recommissioning spare 3 mW STG to increase export power. This work would involve installing new control systems. HP steam savings would have to be made to make steam available to drive this unit. Several options including retrofitting existing boilers, electrification of existing steam turbines have to be evaluated.</p> |
| Opportunity 3 ** |
| |

*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:

- Energy use and energy saved by energy type, as greenhouse gas emissions, as an indicator, or as an index;
- Energy savings achieved in the period 2000-2005;
- Opportunities with a greater than four year payback and the business response;
- Changes in total energy use/energy use indicator broken down to include causes of increase or decrease;
- Energy use and energy efficiency opportunities presented in dollars; and
- Other contextual information about the corporation's energy use and management.

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)