PUBLIC REPORT TEMPLATE

Controlling Corporation

Tully Sugar Limited

Period to which this report relates

Start 1 – 7 – 2008 **End** 30 – 6 – 2009

Part 1 – Information on assessments completed to date

Table 1.1 – Description of the way in which the Corporate Group (or part of it) has carried out its assessments

:- TSL implemented the identified opportunity from the first reporting period. (i.e. Increase Bagasse Storage Area)
:- No further opportunities have been identified due to the same reasons stated in the previous reporting period.
:- A "Co-Generation Project Investigation" commenced in March 2009 and completed in July 2009 has been undertaken to assess a number of possible co-generation projects, identify the most promising and indicate possible returns.
:- TSL is continuing its Loco Engine replacement program. Where engine age and overhaul cost does not warrant repair, these engines are replaced with modern electronically controlled diesel engines.

Table 1.2 – Energy use assessed

Group member and/or business unit and/or key activity and/or site that has had an assessment completed by the end of this reporting period.	Period over which assessment was undertaken[1]	Energy use per annum in GJ[2] in the current reporting year
Tully Sugar Mill	July 2008 → June 2009	6,355,459 GJ
Total energy assessed		6,355,459 GJ
Total energy use of the group in the current reporting year		6,355,459 GJ
Total energy assessed expressed as a percentage of total current energy use		100 %

1. This should be the start and finish date (month and year) for the assessment (planned assessment dates were nominated in Table 3.1 of the approved ARS).
2. Energy Bandwidth may only be used if approved in the Assessment and Reporting Schedule.

Part 1 – Information on assessments completed to date (continued)

Table 1.3 – Accuracy of energy use data		
Entity	**% achieved**	**Reasons for not achieving data accuracy to within ±5%**
Tully Sugar Mill	20%	An Energy Mass Balance is required to further refine the accuracy of the assessment undertaken to date. Tully Sugar Mill plans to undertake an Energy Mass Balance in the next calendar year.

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2A - New Assessments completed during the reporting period

Name of Group member or business unit or key activity or site: **Tully Sugar Limited** _____

Energy use of the entity during the current reporting period | **6,355,459** | GJ

(from NGER's Report)

Table 2.1 – Opportunities assessed to an accuracy of ±30% or better

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment*	Total Identified	1			244,800 GJ	244,800 GJ
Business Response*	Under Investigation	0				
	To be Implemented	0				
	Implementation Commenced	0				
	Implemented	0				
	Not to be Implemented	1			244,800 GJ	244,800 GJ

The 244,800 GJ shown above would not be energy saved, rather it is energy that would be converted to electricity for export if the most promising option that was identified in the "Co-Generation Project Investigation" were implemented.

Name of Group member or business unit or key activity or site: **Tully Sugar Limited**_____

Energy use of the entity during the current reporting period | **6,355,459** | GJ

(from NGER's Report)

Table 2.2 - Opportunities assessed to an accuracy of less than ±30%

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment	Total Identified	0				
Business Response	Under Investigation	0				
	To be Implemented	0				
	Implementation Commenced	0				
	Implemented	0				
	Not to be Implemented	0				

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2B - Update of assessments originally reported in previous reporting periods

Name of Group member or business unit or key activity or site: **Tully Sugar Limited** _____

Energy use of the entity during the current reporting period	6,355,459	GJ

Table 2.3 - Opportunities assessed to an accuracy of ±30% or better

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment*	Total Identified	1		81.9		81.9
Business Response*	Under Investigation					
	To be Implemented					
	Implementation Commenced					
	Implemented	1		81.9		81.9
	Not to be Implemented					

Name of Group member or business unit or key activity or site: **Tully Sugar Limited** _____

Energy use of the entity during the current reporting period	6,355,459	GJ

Table 2.4 - Opportunities assessed to an accuracy of less than ±30%

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment*	Total Identified	1			77 GJ	77 GJ
Business Response*	Under Investigation					
	To be Implemented					
	Implementation Commenced					
	Implemented					
	Not to be Implemented	1			77 GJ	77 GJ

The 77 GJ shown above would be the energy saved from the transporting of bagasse, if the in-loading conveyor project was implemented.

The major cost saving from this project was the labour component, however the payback period is too long.

Part 2 - Energy Efficiency Opportunities that have been identified and evaluated

Part 2C - Details of at least three significant opportunities found through EEO assessments

Table 2.5 – Description of 3 significant opportunities
Opportunity 1
A "Co-Generation Project Investigation" commenced in March 2009 and completed in July 2009 has been undertaken to assess a number of possible co-generation projects, identify the most promising and indicate possible returns.
Opportunity 2
Tully Sugar Limited increased the onsite Bagasse storage area. More excess Bagasse was then burnt off after the crushing season was completed. Excess Bagasse was therefore not dumped on Tully Sugar's cane farms; hence more land was available for growing cane, and more electricity was exported.
Opportunity 3
The Bagasse In-Loading Conveyor component of the "Increased Bagasse Storage and Proposed New Bagasse In-Loading Conveyor" project did not proceed due to the excessive payback period.
Opportunity 4

Part 3 - Voluntary Contextual Information

Table 3.1 – Contextual Information

Tully Sugar Mill commenced its Locomotive Engine replacement program several years ago, as the age as well as the overhaul costs of the older engines, did not warrant repair. This program is on-going.

Table 3.2 – Energy use expressed in Greenhouse Gas emissions and as an energy use indicator

Period of energy use _____ **to** _____

Name of group member/ business unit/ key activity/site		Energy use pa (GJ)	Energy use pa (GGE)	Energy use as an indicator*
Total				

Table 3.3 - Opportunities assessed to an accuracy of ±30% or better ($ value)

Status of opportunities identified		Number of opportunities	Estimated energy savings per annum by payback period ($)			Total estimated energy savings per annum ($)
			0 – < 2 years	2 – ≤ 4 years	> 4 years	
Outcomes of assessment*	Total Identified					
Business Response*	Under Investigation					
	To be Implemented					
	Implementation Commenced					
	Implemented					
	Not to be Implemented					

Part 3 - Voluntary Contextual Information (continued)

Table 3.4 – Changes in energy use as an indicator			
Name of group member/ business unit/ key activity/site	**Current energy use as an indicator**	**Previous energy use as an indicator**	**Reasons for change**
Total			

Part 4 - Declaration

Table 4.1 - Declaration of accuracy and compliance (mandatory information)	
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 King** **Chief Executive Officer** **Tully Sugar Limited**