

Peerless Foods

Energy Efficiency Opportunities Report 2013

Controlling Corporation

Peerless Holdings Pty Ltd ABN 74 004 280 979

This report contains Peerless Holding energy use data for financial year 2012/2013.



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Peerless Holding Pty Ltd

Peerless Holdings Pty Ltd trading as Peerless foods is the largest privately owned manufacturer and marketer of edible oils, fats and margarines in Australia. Peerless is also a large energy-user and is required to participate in the Commonwealth Government's Energy Efficiency Opportunities program.

The company triggered the EEO threshold in the 07/08 financial year, registered with the EEO program in March 2009, and submitted an Assessment and Reporting Schedule in December 2009.

This summary relates to assessments conducted in the 12/13 financial year.

Peerless intends to go 'beyond compliance' by using the EEO assessment as a valuable opportunity to include all stakeholders in a review of the energy use of Peerless's business activities, and to identify changes that will improve long-term sustainability and profitability.

The rising cost of energy is an important risk to the viability of the Peerless's operations. Improvements in energy efficiency will reduce operating costs, reduce Peerless's exposure to increasing energy prices and reduce the site's vulnerability to a future carbon price.

The main objective of this EEO Assessment is to develop a better understanding of energy use on the site, identify options to improve energy efficiency, and implement systems to ensure the ongoing monitoring of energy use and continuous identification of efficiency opportunities.

Business Context

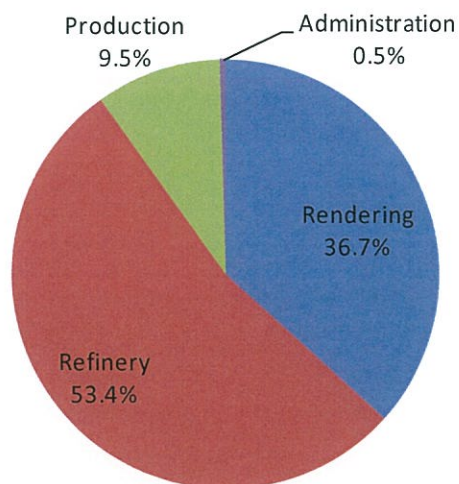
Peerless Holdings Pty Ltd is a privately owned Australian company that has been in business for over 50 years and has been operating the Evans St site since 1982.

There are three main processes at the Evans St site are:

- **Rendering** of fat and bone to produce tallow and protein meal;
- **Refining** of edible oils; and
- **Production**, warehousing, distribution and marketing of margarines and technical fats.

These products are sold as domestic and bulk products into domestic and export markets.

The Evans St site has undergone significant expansion and process improvement since 1982.



Peerless Assessments and Response

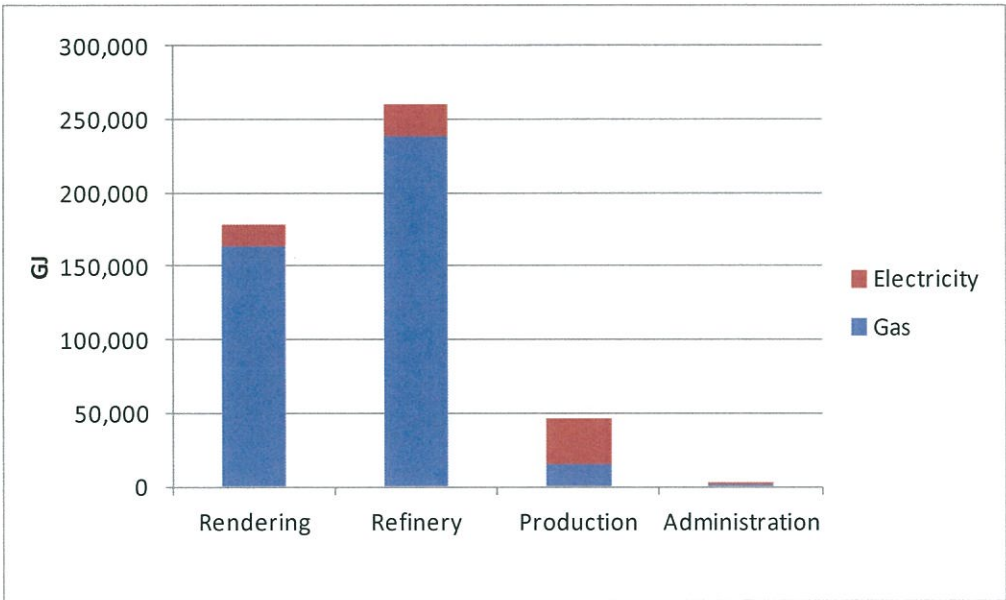


Figure 1

Peerless have an ongoing process of development and improvement within their operations. EEO assessments are now an important part of that process. Several of the opportunities identified through this assessment had been considered in the past through a range of audits and studies these were brought together into a consolidated list through the EEO assessment process where they can now be examined and prioritised from a corporate level.

The Evans St site consumed 486,550 GJ of energy in FY 12/13, which is equivalent to over 92% of Peerless’s corporate energy use. The breakdown of this energy use across the different functions at Evans St is shown in Figure 1.

Peerless is actively looking for opportunities to improve the efficiency of its energy use. The following tables summaries the number of opportunities identified for the period and the expected energy savings.

PUBLIC REPORT 2012

Part 1 - Corporation Details

Controlling Corporation

Insert the name of the Controlling Corporation exactly as it is registered with the EEO Program.

Peerless Holdings Pty Ltd ABN 74 004 280 979

Table 1.1 - Major Changes to Corporate Group Structure or Operations

Table 1.1 – Major Changes to Corporate Group Structure or Operations in the last 12 months

None

Declaration

Declaration of accuracy and compliance

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*.



Rod Carroll
General Manager of Operation

Date 9/12/13

Part 2 - Assessment Outcomes

Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each entity* that has been assessed

Name of entity	Peerless Holdings Evans st, Braybrook	
Total energy use in the last financial year	526,501	GJ
Total percentage of energy use assessed	100	%

Description of the way in which the entity carried out its assessment

External Audits
Internal Audits
Process Reviews
Monthly quality meetings

* Entity is group member, business unit, or key activity. Please note that, for individual sites that use more than 0.5PJ of energy, all energy use must be assessed (less a small proportion for non integral energy use).

Table 2.2 - Energy efficiency opportunities identified in the assessment

It is compulsory to complete a separate table for each entity that has been assessed

Status of opportunities identified to an accuracy of better than or equal to ±30%		Total 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		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
Business Response	Implemented	5	3	1,191	2	6,435			7,626
	Implementation Commenced								
	To be Implemented	2	1	7,884	1	13,020			20,904
	Under Investigation	1	1	6,792					6,792
	Not to be Implemented	10							
Outcomes assessment	of	Total Identified	18	5	15,867	3	19,455		35,322

Please note that Corporate Groups are not required to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

Table 2.3 - Details of significant opportunities identified in the assessment

Corporate Groups are required to provide at least 3 examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

Description of Opportunity No 1	Voluntary Information		
	Equipment Type	Energy efficient lighting	
	Business Response	Installed	
	Energy saved (GJ)	3,266 GJ	
	Greenhouse gas abated (CO2-e)	1,310 tonnes of CO2-e	
	\$s saved	\$111,954	
	Payback period	3.0 yr	

Description of Opportunity No 2	Voluntary Information		
	Equipment Type	Heat Exchanger	
	Business Response	To be installed	
	Energy saved (GJ)	5,136 GJ	
	Greenhouse gas abated (CO2-e)	266 tonnes of CO2-e	
	\$s saved	\$110,297	
	Payback period	2.7 yr	

Description of Opportunity No 3	Voluntary Information		
	Equipment Type	Heat exchanger	
	Business Response	To be installed	
	Energy saved (GJ)	7,884 GJ	
	Greenhouse gas abated (CO2-e)	408 tonnes of CO2-e	
	\$s saved	\$50,773	
	Payback period	1.8 yr	

Please note that the "Description of the Opportunity" above should include information on the specific nature and type of opportunity as well as information on the type of equipment and/or process involved.

Part 3 – Transition to Second Cycle

This table should only be completed by 2005-06 trigger-year corporations transitioning to the second cycle.

In December 2011 many corporations reported energy efficiency opportunities that were still under investigation as at 30 June 2011. This report should advise what your business response to these opportunities has been – implemented or not to be implemented. If you intend to further investigate these opportunities, they should be reported in the future Public Reports as opportunities identified in the second cycle.

Status of opportunities identified to an accuracy of better than or equal to ±30%		Total 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		
			No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
As reported in December 2012	Under Investigation	12			5	34,065	7	60,866	94,931
Business Response as at 30 June 2013	Implemented				2	6,435			6,435
	Not to be Implemented				3	27,630	7	60,866	88,496

Declaration

The information included in this report is to the best of my knowledge correct and in accordance with the Energy Efficiency Opportunities Act 2006 and Energy Efficiency Opportunities Regulations 2006.



Rod Carroll
General Manager of Operations
Peerless Holdings Pty Ltd