HEAT PLANT in NEW ZEALAND

Heat Plant Sized Greater Than One Hundred Kilowatts Thermal Segmented by Industry Sector as at 1st August 2011

Database updated by CRL Energy Ltd on behalf of the Energy Efficiency and Conservation Authority





While CRL Energy Ltd has made every effort to ensure the accuracy of the Heating Plant in New Zealand Database, no responsibility is accepted for any error.

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1. Introduction

This report updates the "2008 Heat Plant in New Zealand Database" and was compiled by CRL Energy Ltd., on behalf of the Energy Efficiency and Conservation Authority (EECA).

EECA is seeking a robust update and expansion of the database of heat plant in New Zealand. The updated information will provide accurate understanding of commercial and industrial process and space heat potential, thereby assisting EECA in implementing a range of programmes to encourage businesses and individuals to use energy more efficiently and increase the use of renewable energy.

2. Methodology

This programme will involve an enhanced survey to expand the inventory of currently operational units above 100 kW, plus information from other sectors and assets that were not previously considered, removal of information on those that are no longer operational, and listing of the new plants that have been recently installed.

CRL Energy will ensure that all heat plant information will be as fully complete as practically possible regarding the required plant to be captured in the database, minimising information gaps and incorrect data.

3. Survey

Over the years, CRL Energy has built up its own database of heat plant information from numerous sources and these have been used to supplement the target database for the study and to check for information consistency as a quality check. CRL Energy also tapped its numerous contacts to gather required information for the study.

Aside from using mailed surveys, phone calls, and other data gathering tools, CRL Energy has utilised a web-based tool, SurveyMonkey, for some of the surveying requirements of the study. This can make it more convenient for respondents to complete the surveys and was used wherever appropriate in this study.

3.1 Key assumptions

The survey is limited to sites equal to or greater than 100kW. However, where a respondent has replied and the site is less than 100kW it has still been included as generally they were electric and this was identified as an area of interest.

3.2 Industry coverage

The 2008 survey includes the following sectors:

- Dairy Processing
- Education
- Food and Beverage Processing
- Hospitals
- Meat Processing
- Other Manufacturing
- Wood Processing

This update has expanded the above sectors as well as including the following additional sectors:

- Accommodation
- Correctional and Detention Services
- Councils
- Defence
- Horticulture Glass Houses
- Miscellaneous/Commercial
- Research Institutions
- Rest Homes
- Tertiary Education Universities, Polytechnics
- Venues / Hospitality

3.3 Survey Results

The information obtained in this survey is provided alphabetically in appendices 1 to 17.

Overall 3500 sites have been surveyed. The % response has varied between sector as has the quantity of data.

4. Data Issues

The collation of data was approached from several directions: using a web based survey tool, telephone call up, emails and excel spread sheets (electronic and mailed). Where possible the data has been cross checked.

The main constraint to the completeness of the data was that the data available to site staff was often limited and, the answers to many of the additional questions required by EECA, unknown.

In all cases it was made clear how this data would be handled by attaching the following disclaimer: "Publically available information will be aggregated. Your contact details will not be included in this information but EECA may use those details for marketing purposes to assist its efficiency and renewable energy promotion roles".

The consistency of units provided by operators and site personnel varied considerably with regard to output, process heat and fuel units.

4.1 Responses

The overall response rate was good although in some sectors, such as Wood Processing, it was not as high as would be liked.

In the Dairy Processing sector Fonterra updated the information on all the existing plant as well as including a significant number of new installations – 97 boilers in total. The major update in the Meat Processing sector was from Silver Fern Farms who provided updated and new information on all their locations.

An additional 35 hospital sites have been added to this sector. However, caution needs to be used when analysing, as it was not possible to identify and replace any updates due to shortage of location information in the 2008 survey. No further analysis has been carried out on this sector. The new additions in the Hospital sector have been highlighted in pink for easy identification.

The ten new sectors have added a significant amount of information with the addition of potentially over 1100 boilers. The Correctional

and Detention Services in particular has provided data for 345 units. Research Institute responses were at the 60% level

In the rest home sector Ryman declined to participate but commented that 20 of their villages used electric heat pumps. None of the Presbyterian Support Central contacts responded. Nearly 50% of responses indicated that there were no boilers. Both of the major supermarket chains declined to participate in the survey.

There was a good response from Glass Houses and Universities and these sectors have added 80 contacts with a potential 263 boilers.

Even though some new additions did not respond the contact data is now readily available for future surveys or direct approach.

5. Analysis of Survey Results

The information obtained in the course of this update is presented in Appendices 1 to 17. Some of the sectors have low responses and the interpretation is treated accordingly. Appendix 18 has contact details for the 623 schools that did not reply to the survey.

The thermal heating plant included in this study has increased from 4900 MW in 2008 to 6200 MW. The % distribution across all sectors is shown in Table 1 and represented graphically in Figure 1.

As can be seen the 1-2 MW units are the most represented with 36%; this is followed by < 0.5 and 0.5-1 MW respectively. The

distribution for each sector will be shown later under individual sector headings.

Figure 2a shows the % distribution of MW across all sectors. Figure 2b is an expanded look at the "other" sector (3%) in Figure 2a. Dairy processing and wood processing have the largest amount of heat plant. Interestingly wood processing has dropped by10% from the 2008 survey miscellaneous.

Figure 3a and 3b show the total fuel distribution across all the sectors. Figure 3b represents "other" column shown in Figure 3a.

Gas is the most widely used energy source with a rank of over 1100 and has therefore been left off the chart in Figure 3a. It is followed by coal and electricity respectively. If however it is assumed that no boiler means electricity then the respective positioning would change. In the graphs in the following sections responses of "no boiler" have been shown as "no boiler".

The following sections, 5.1 to 5.17, have graphs to show the following where possible:

MW % distribution in each sector

% distribution of fuel per sector

Boiler age vs MW

MW v Fuel comparison between 2008 and 2011 (existing sectors only). The values for the MW installed were obtained from Figure 6.2 in the 2008 data base. It should be noted that these values do not

appear to correlate well with the numbers in the actual 2008 data base.

Colour Key

Data in the database has been highlighted in the following way:

Yellow columns and rows = new data.

Orange rows = updated existing data.

Table 1. % distribution of MW across all sectors.

MW	%
< 0.5	24
0.5 - 1	13
1 – 2	36
2 – 5	12
5 – 10	8
10 – 50-	6
50 – 100	1
>100	1

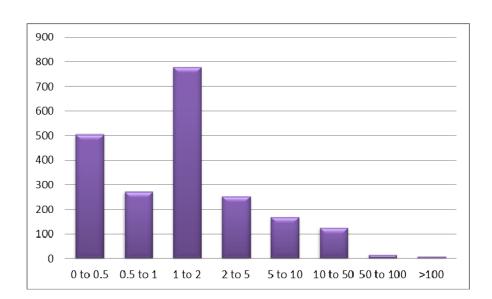
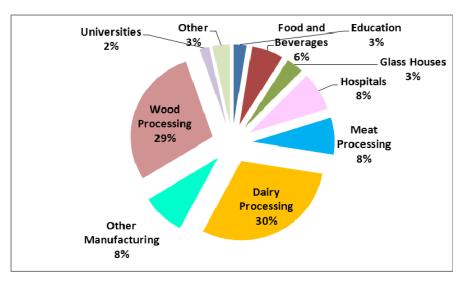


Figure 1. Size distribution of MW across all sectors.



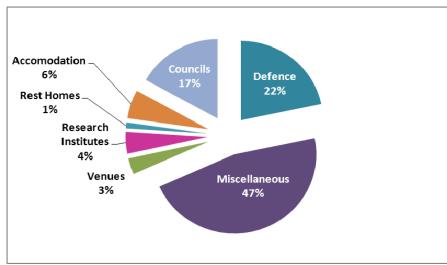
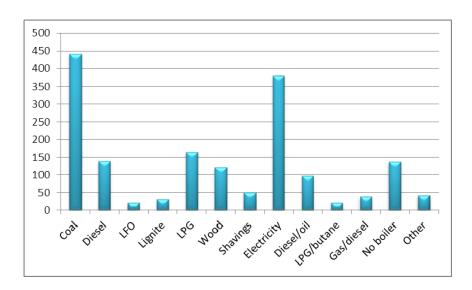


Figure 2 a and b. % distribution of total MW across sectors. (2b = "other" sector identified in 2a).



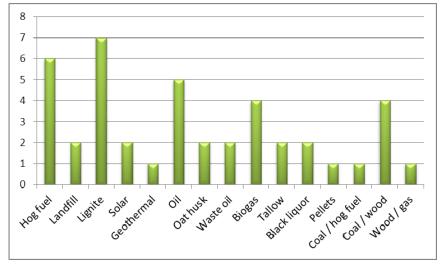
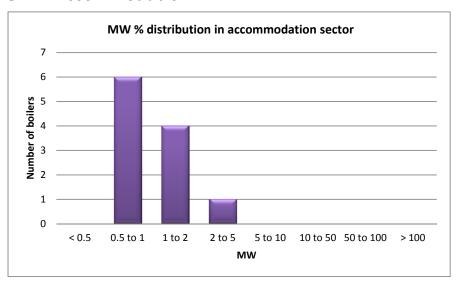
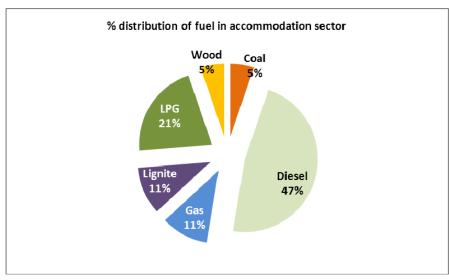


Figure 3a and b. Total fuel distribution across all sectors. Note: Gas at 1100 has been left off.

5.1 Accommodation

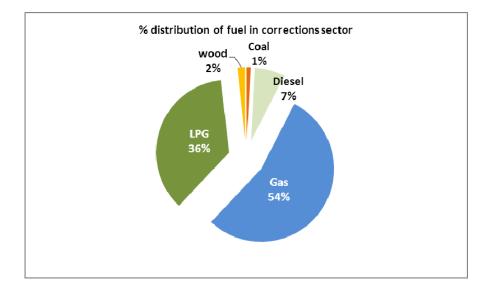




This sector was not selected for survey but it was felt that the numbers that came back merrited individual attention. This is a small sector and only 2 results show age v MW (40 yrs @ 0.78MW and 17 y @ 1 MW). This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel type by sector.

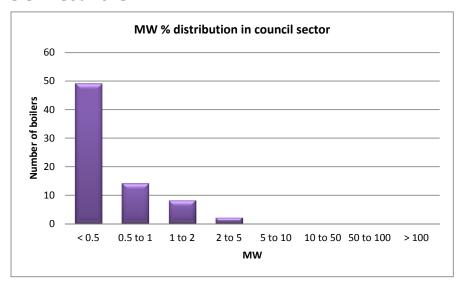
5.2 Correctional and Detention Services

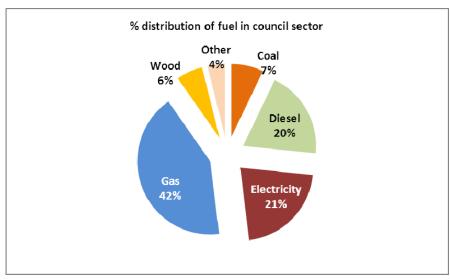
No Information available on the MW% distribution in this sector.



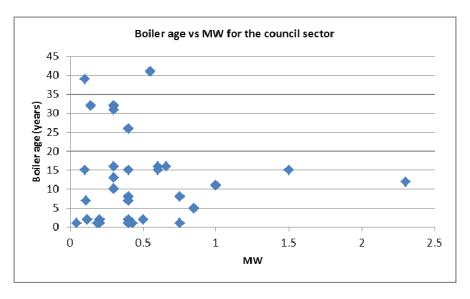
Corrections have 345 boilers. It is a significant sector but there is only limited information available per boiler. There is no data available on the MW so a comparison of age vs MW can not be made This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel typ by sector.

5.3 Councils

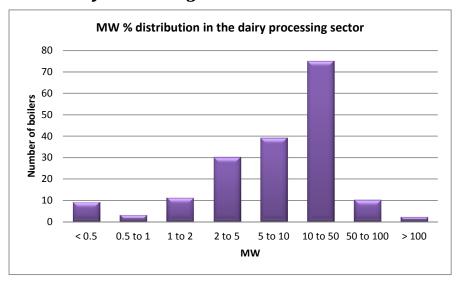


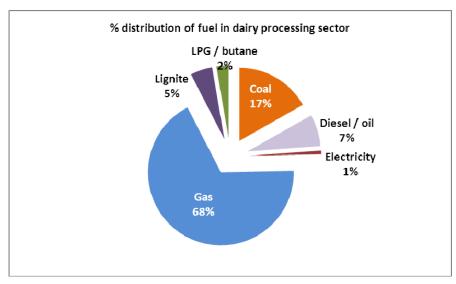


Councils have provided over 160 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs. This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel type by sector.

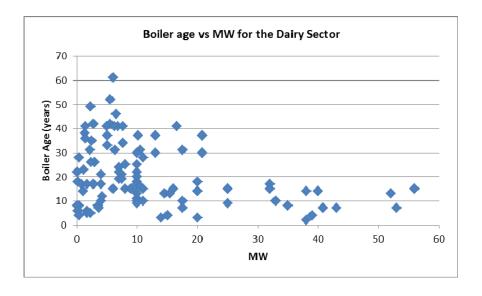


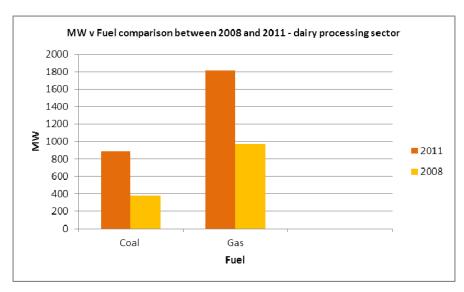
5.4 Dairy Processing

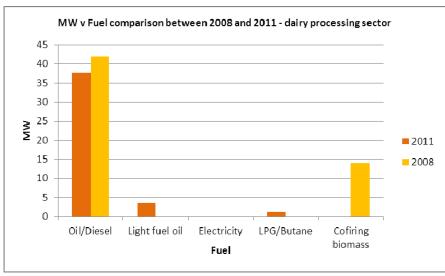




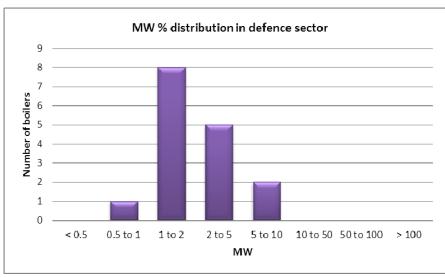
The dairy sector provided over 250 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs.

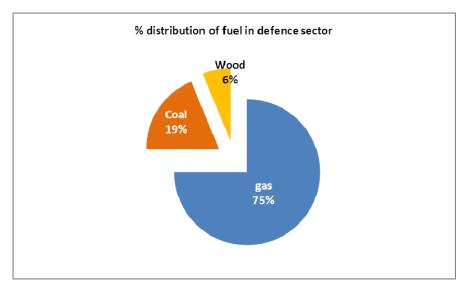






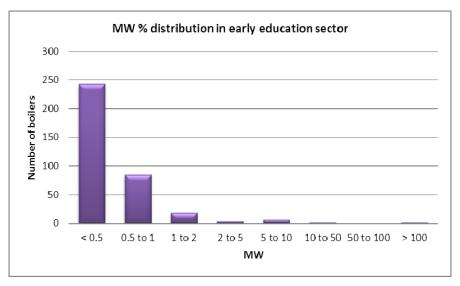
5.5 Defence

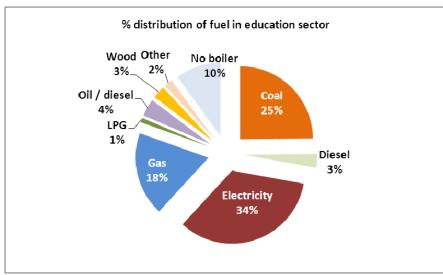




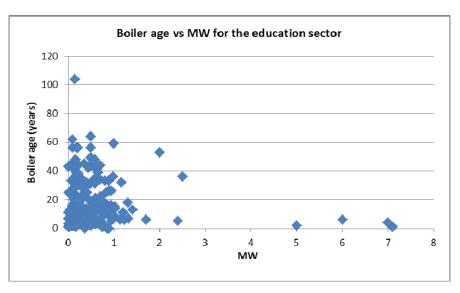
The defence sector provided 16 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs. Only half of the entries have both age and MW data. This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel type by sector.

5.6 Education

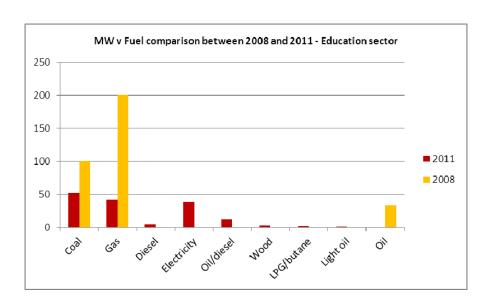




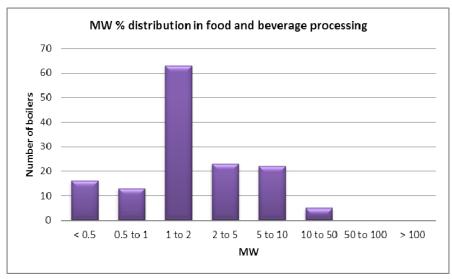
The dairy sector provided over 1100 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs.

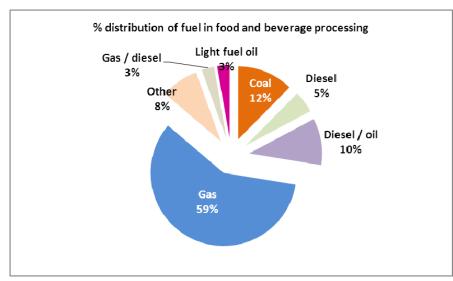


For this sector 317 entries gave electricity as the fuel unit, however of these only 53 gave a MW rating, similarly there was lot af data for coal as fuel but not as much on the MW rating. This lack of data skews the results significantly when comparisons are made to the 2008 data.

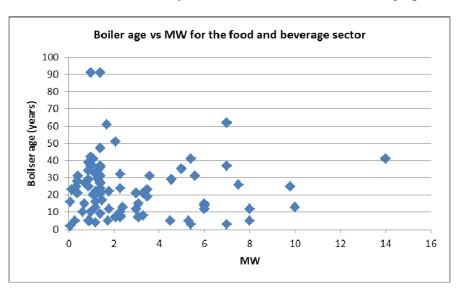


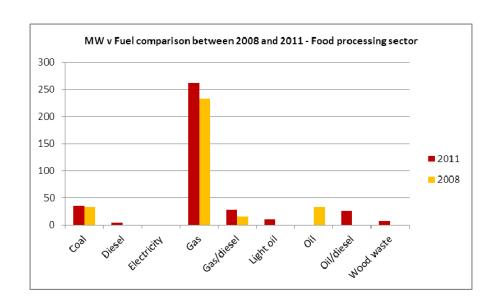
5.7 Food Processing (incl. beverages)

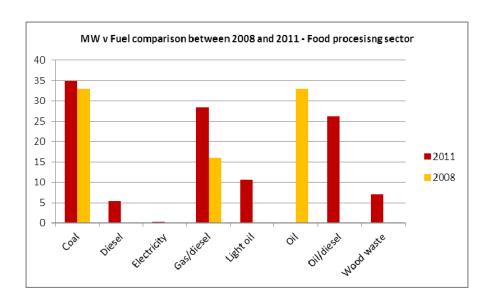




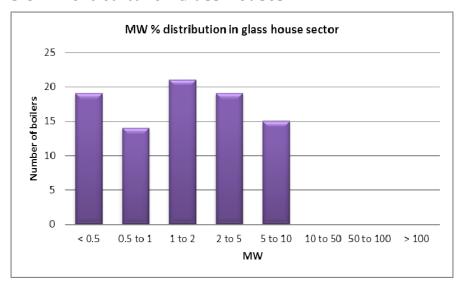
The food and beverage sector provided over 150 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs.

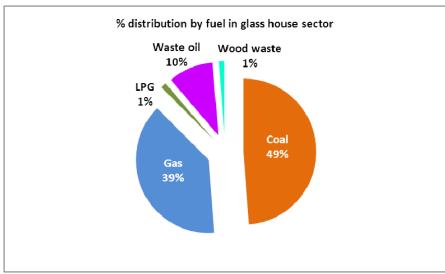




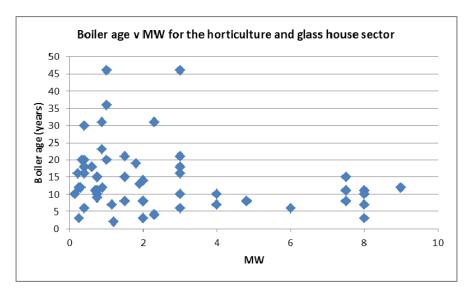


5.8 Horticulture - Glass Houses

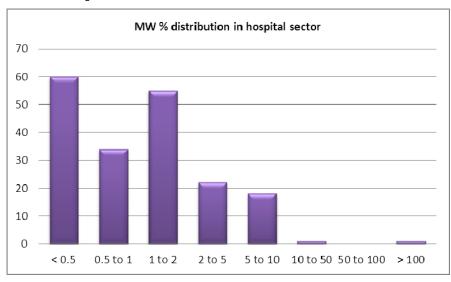


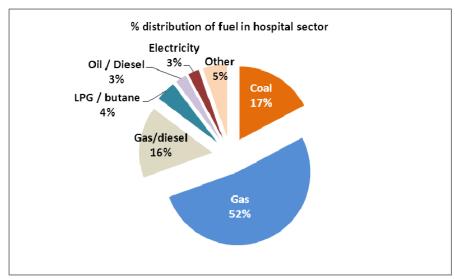


The Horticulture sector provided over 100 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs. This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel type by sector.

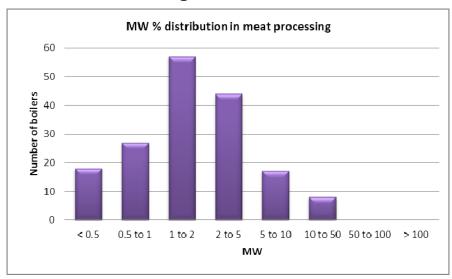


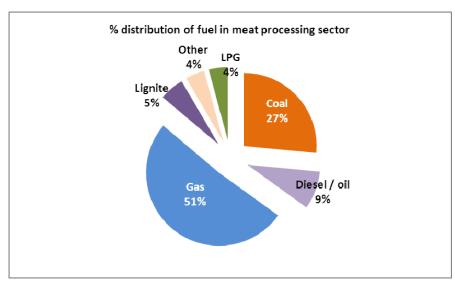
5.9 Hospitals



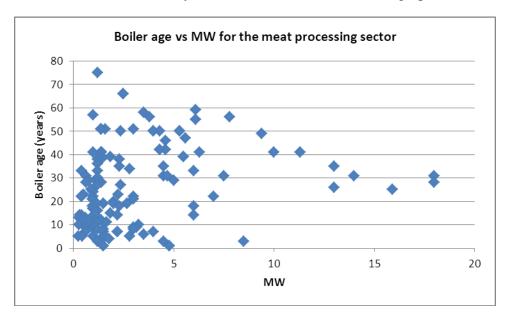


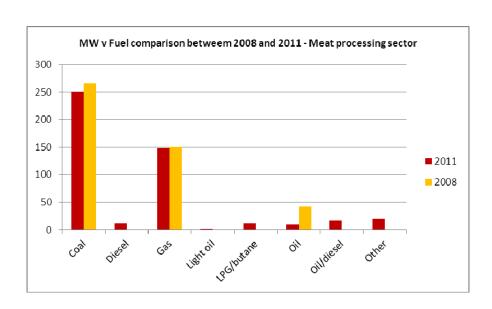
5.10 Meat Processing



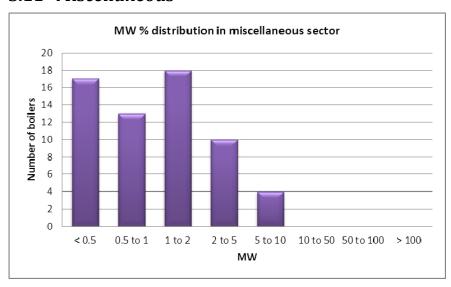


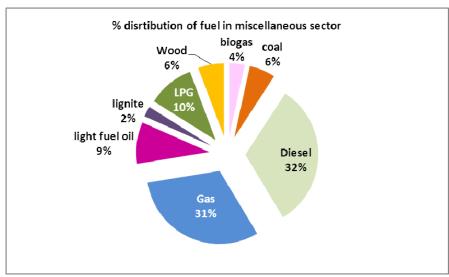
The Meat processing sector provided over 170 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs.





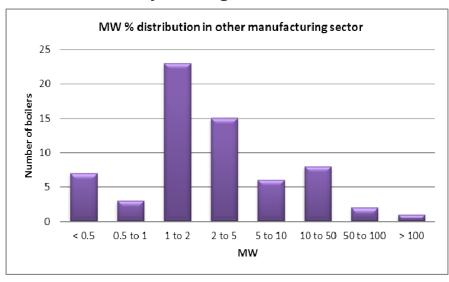
5.11 Miscellaneous

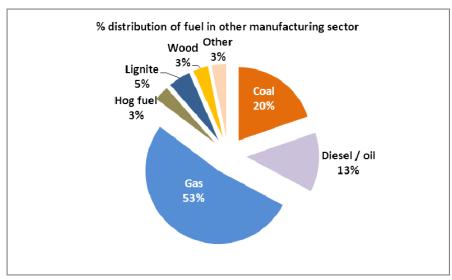




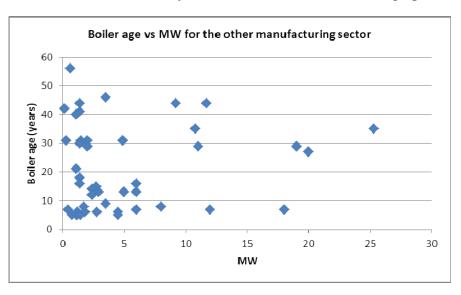
The Miscellaneous sector provided over 90 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs. Only 2 entries in this sector had both age and MW data, so this will not be graphed. This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel type by sector.

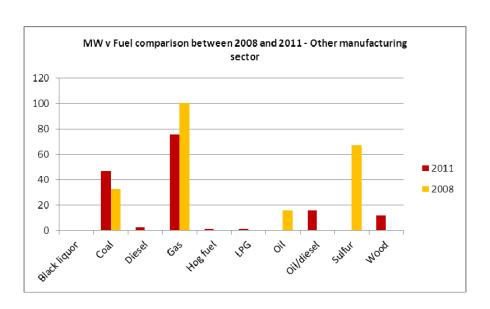
5.12 Other Manufacturing



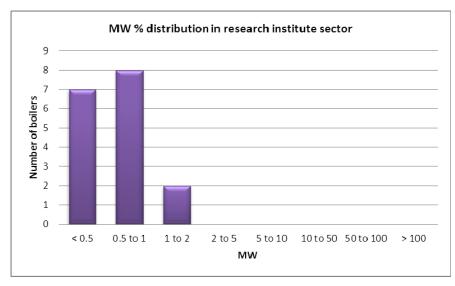


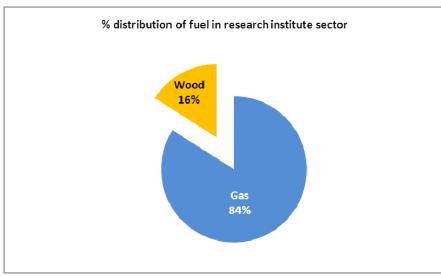
The Other manufacturing sector provided over 70 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs.



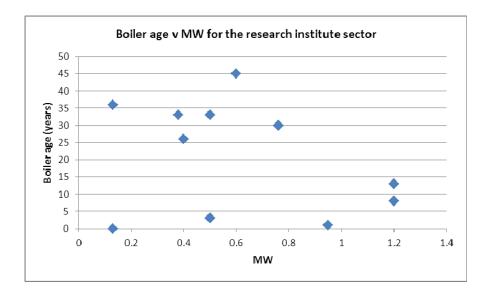


5.13 Research Institutes

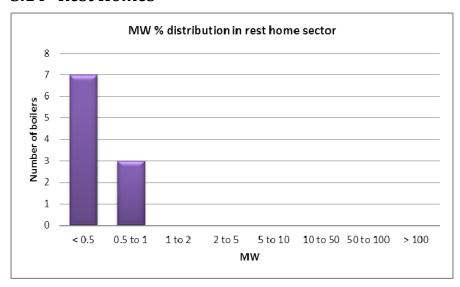


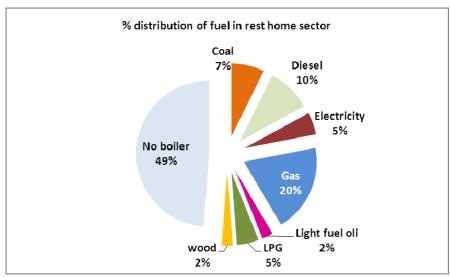


The Research Institutes sector provided over 75 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs. Limited entries in this sector had both age and MW data, so the graph is of limited value. This sector was not considered in the previous database and so cannot be considered in terms terms of changes in heat plant capacity by fuel type by sector.



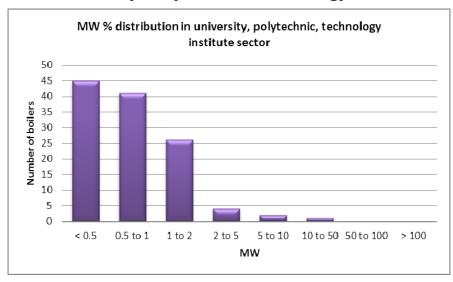
5.14 Rest Homes

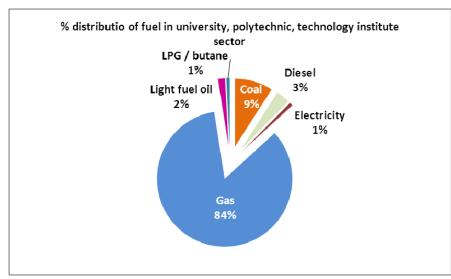




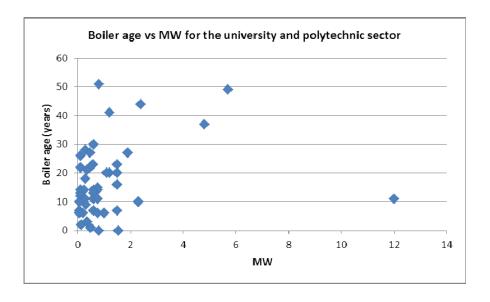
The Rest homes sector provided over 70 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs. Only 5 entries in this sector had both age and MW data, so this graph has not been plotted. This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel type by sector.

5.15 University, Polytechnic, Technology Institutes

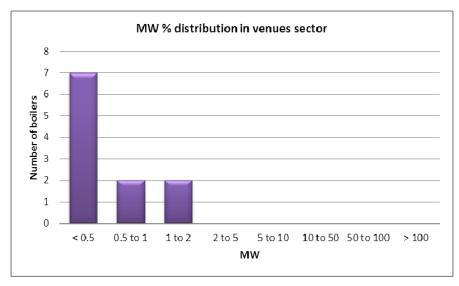


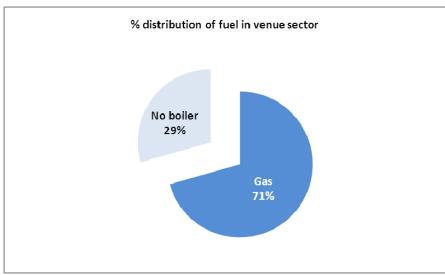


The University and polytechnic sector provided over 150 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs. This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel type by sector.

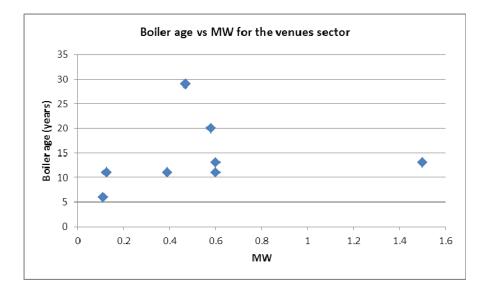


5.16 Venues

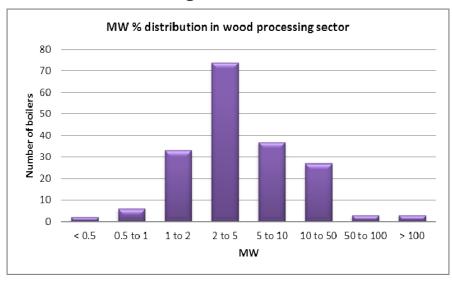


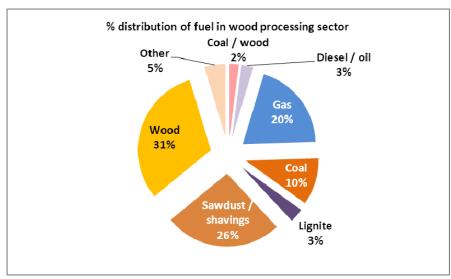


The Venues sector considers venues with a capacity for 1000 + people. It is a small sector and only provided 34 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs. This sector was not considered in the previous database and so cannot be considered in terms of changes in heat plant capacity by fuel type by sector.

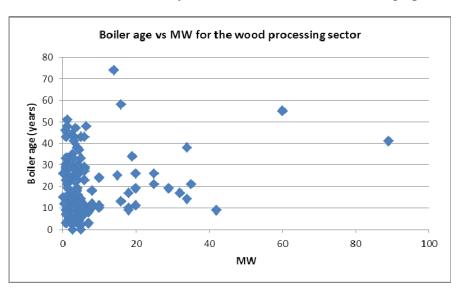


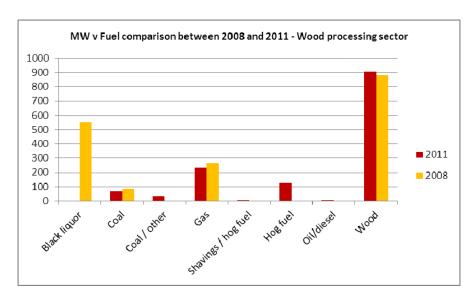
5.17 Wood Processing

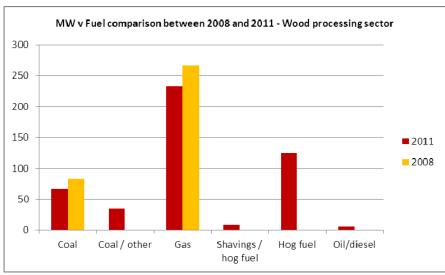




The wood processing sector provided just under 200 entries. When examining the graphs it should be noted that not all the relevant data was contained in each entry and this will be reflected in the graphs.







5.18 Education (no reply)

See Appendix 18 for details.

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.	Boiler Type	Year Installed	Size MW	Output Type	Maximum Output Amount t/hr	Normal Operating Pressure bar	Normal Operating Output MW	Normal Hours Operated per Day	Normal Days Operated per Year	Boiler Annual Heat Output GWh	Winter Heating Only?	Annual Cogen Elec.Output kWh	Normal Boiler Operating Temperatur e oC	Fuel Type	Annual Fuel Use for Boiler Only	Fuel Unit	Fuel CV kJ per Fuel Unit
No. of Sites: 23		Accommodation																				
Accommodation		GloPeak Hotels PTE Ltd Trading	Holiday Inn Auckland Airport (Glopeak NZ Hotels)					0.714					17	365		no			Natural gas			
Accommodation	H440000	GloPeak Hotels PTE Ltd Trading	Holiday Inn Auckland Airport (Glopeak NZ Hotels)					0.714					17	365		no			Natural gas			
Accommodation	H440000	Fiordland Hotel	1 Burnby Place, Te Anau	Boag/ Buchanan			1975												coal	96	tonnes	
Accommodation	H440000	Ascot Park Motels	Cnr Racecourse Road and East Road, Invercargill	Boag			1971	0.78	Hot water		3				3416			85	lignite			
Accommodation	H440000	Ascot Park Motels	Cnr Racecourse Road and East Road, Invercargill	Trepass			1994	1	Hot water		3				4380			85	lignite			
Accommodation	H440000	Silo Stay Ltd	Silo Stay																			
Accommodation	H440000	Alexandra Motel	Alexandra																Diesel boiler			
Accommodation	H440000	Alexandra Tourist Park	Alexandra																Diesel boiler			
Accommodation	H440000	Ocean Lodge	20 Muritai St Nelson						HW							No			Diesel	8000?	litres	
Accommodation	H440000	Honest Lawyer Hotel	1 Point Rd Nelson						HW										LPG	12.5?	tonnes	
Accommodation	H440000	Parkroyal Queenstown	Beach St Queenstown																Diesel boiler	150000?	litres	
Accommodation	H440000	Rydges Queenstown	Lake Esplanade Queenstown																Diesel boiler	30000?	litres	
Accommodation	H440000	Rydges Queenstown	Lake Esplanade Queenstown																LPG boiler	6000?	litres	
Accommodation	H440000	The Heritage Queenstown	Fernhill Road Queenstown																LPG boiler	160000?	litres	
	H440000	Wigram Lodge 2001 Ltd	Homby																wood chip			
Accommodation	H440000	Southern Cross Hotel - Scenic Circle	Cnr Princes & High Streets Dunedin																Diesel		litres	
Accommodation		BNZ Property Services	Princes St Dunedin					1.8											Diesel	10000?	litres	
Accommodation		Forefront Holdings Ltd	Princes Street Dunedin					2.1											Diesel	56000?	litres	
Accommodation		Housing Corp Ltd	Princes Street Dunedin					1.6											LFO	96000?	litres	
Accommodation		NZ Post Properties Ltd	Princes Street Dunedin					1.2											Diesel			
Accommodation		James Maurice Properties	Dunedin					0.75											LPG			
Accommodation		Plaza Property Trust						0.806											LFO			
Accommodation		Plaza Property Trust						0.806											LFO			

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.	Boiler Type	Year Installed	Size MW	Output Type	Maximum Output Amount t/hr	Normal Operating Pressure bar	Normal Operating Output MW	Normal Days Operated per Year	Boiler Annual Heat Output GWh	Winter Heating Only?	Annual Cogen Elec.Output kWh	Normal Boiler Operating Temperature oC		Annual Fuel Use for Boiler Only	Fuel Unit	Fuel CV kJ per Fuel Unit
No. of Sites: 345		Correctional and Detention Services																			
Correctional and Detention Services	O771400	Arohata Women's Prison		ТВА	TBA													NATURAL GAS			
Correctional and Detention Services	O771400	Arohata Women's Prison		ТВА	ТВА													NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Central Remand Prison																			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		GARIONI NAVAL	NG/C 500			0.5										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM400			0.4										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM400			0.4										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		MAN B AND W	PROCON 75													NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		Unknown	Unknown													NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	AY 100			0.1										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		HOVAL	SR125A21													NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		HOVAL	SR 150													NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM500			0.5										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM500			0.5										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM500			0.5										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM600			0.6										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM600			0.6										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM600			0.6										NATURAL GAS			
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)		YGNIS	EM500			0.5										NATURAL GAS			

Correctional														
and Detention Services	O771400	Auckland Prison (Paremoremo)	YGNIS	EM500		0.5						NATURAL GAS		
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)	YGNIS	NG/C 750		0.75						NATURAL GAS		
Correctional and Detention Services	O771400	Auckland Prison (Paremoremo)	YGNIS	EM500		0.5						NATURAL GAS		
Correctional and Detention Services		Auckalnd Region Woman's Correction Facility	YGNIS	EMK750		0.75						NATURAL GAS		
Correctional and Detention Services		Auckalnd Region Woman's Correction Facility	YGNIS	EMK1200		1.2						NATURAL GAS		
Correctional and Detention Services	O771400	Auckalnd Region Woman's Correction Facility	YGNIS	EM1200		1.2						NATURAL GAS		
Correctional and Detention Services	O771400	Christchurch Prison		EUROBONG AS.								DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	ENERGY PRODUCTS	YGNIS AQUATHER M EMK500		0.5						DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	ENERGY PRODUCTS	YGNIS								DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	ENERGY PRODUCTS	YGNIS								DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	AQUATHER M	AY 250		0.25						DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	YGNIS									DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	HOVAL	SR250		0.25						DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	HOVAL	SR250		0.25						DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	HOVAL	SR400		0.4						DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	HOVAL	SR900		0.9						DIESEL		
Correctional and Detention Services	O771400	Christchurch Prison	YGNIS	AY100		0.1						DIESEL		

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Correctional and Detention Services	O771400	Christchurch Woman's Prison	HOVAL	RIELLO PRESS 3G BURNER								DIESEL		
Correctional and Detention Services	O771400	Christchurch Woman's Prison	FERROLI	RIELLO PRESS 3G BURNER								DIESEL		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	MAN									NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	MAN									NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	AQUATH M YGNIS	AY 250		0.25						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	AQUATH M YGNIS	ER AY 250		0.25						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	AQUATH M YGNIS	ER AY 250		0.25						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	AQUATH M YGNIS	ER AY 250		0.25						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	AQUATH M YGNIS	ER AY 250		0.25						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	HOVAL	SIZE F 31								NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	HOVAL	SIZE F31								NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	BAXI	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	BAXI	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	BAXI	LUNA								NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	BAXI	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	BAXI	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAM	AX R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDM.	X R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAN	AX R30		0.045						NATURAL GAS		
Correctional and Detention Services		Hawke's Bay Regional Prison	RENDAM	AX R30		0.045						NATURAL GAS		

Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services		Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services		Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services		Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		

Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services		Hawke's Bay Regional Prison	RENDMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison		TYPE HR 601								NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison		TYPE HR 601								NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison		TYPE HR 601								NATURAL GAS		
Correctional and Detention Services		Hawke's Bay Regional Prison	RENDAMAX	TYPE HR 601								NATURAL GAS		
Correctional and Detention Services		Hawke's Bay Regional Prison	RENDAMAX	TYPE HR 601								NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		

Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services		Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Hawke's Bay Regional Prison	RENDAMAX	R30		0.045						NATURAL GAS		
Correctional and Detention Services	O771400	Invercargill Prison	TAYLOR									COAL		
Correctional and Detention Services	O771400	Invercargill Prison	TRIWAY									COAL		
Correctional and Detention Services	O771400	Manawatu Prison	HYDRO THERM	HC60								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	RHEEM	HC60								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	RHEEM	HC60								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	HOVAL/TAY MAC	SR600								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	HOVAL/TAY MAC	SR600								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	TAYMAC	SR600								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	TAYMAC	SR600								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	TAYMAC	SR600								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	TAYMAC	SR600								NATURAL GAS		
Correctional and Detention Services	O771400	Manawatu Prison	TAYMAC	SR600								NATURAL GAS		

Correctional and Detention Services	1400	Mount Eden Prison	TAYMACH (BURNER: WEISHAUPT	SR 1200 (BURNER: G8/1D)							NATURAL GAS		
Correctional and Detention Services	71400		TAYMACH (BURNER: WEISHAUPT	SR 1200 (BURNER: G8/1D)							NATURAL GAS		
Correctional and Detention Services	71400	New Plymouth Prison		HOTLINE 250							NATURAL GAS		
Correctional and Detention Services	71400	New Plymouth Prison	AQUATHER M	A2 40							NATURAL GAS		
Correctional and Detention Services		Northland Regional Corrections Facility	YGNIS	EM250							LPG		
Correctional and Detention Services O771		Northland Regional Corrections Facility	YGNIS	EM250							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	YGNIS	EM250							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	YGNIS	C30							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	AQUATHER M	EM125							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	AQUATHER M	EM125							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	AQUATHER M	EM250							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	AQUATHER M	EM250							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	YGNIS	C30							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	Unknown	Unknown							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	YGNIS	EM250							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	YGNIS	EM250							LPG		
Correctional and Detention Services			BONGIOAN NI	EM250							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	BONGIOAN NI	EM250							LPG		
Correctional and Detention Services		Northland Regional Corrections Facility	BONGIOAN NI	C30							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN	PROCON75							LPG		

Correctional and Detention Services	O771400	Otago Corrections Facility	MAN	PROCON75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN	PROCON75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN	PROCON75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN	PROCON 75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN	PROCON 75. ALL THE SAME							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN	PROCON 75. ALL THE SAME							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MNG	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MNG	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MNG	GWB75H							LPG		

Correctional and Detention Services	O771400	Otago Corrections Facility	MNG	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MAN	PROCON 75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN BW	PROCON 75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MHG	PROCON75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MHG	PROCON75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MHG	PROCON75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	MHG	PROCON75							LPG		
Correctional and Detention Services		Otago Corrections Facility	MHG	PROCON75							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		

Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services		Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services	O771400	Otago Corrections Facility	PROCON 75	GWB75H							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN	PROC0N 75							LPG		
Correctional and Detention Services		Otago Corrections Facility		PROCON 75KW							LPG		
Correctional and Detention Services		Otago Corrections Facility	MAN	PROCON							LPG		
Correctional and Detention Services	O771400	Rimutaka Prison	MHG	PROCON 45							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	MHG	SAME							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	MHG	SAME							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	PROCON	SAME							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	PROCON	SAME							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	PROCON	SAME							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison		MHG PROCON 45							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison		MHG PROCON 45							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison		MHG PROCON 45							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison		MHG PROCON 45							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	RHEEM	MHG PROCON 45							NATURAL GAS		

Correctional and Detention Services	O771400	Rimutaka Prison	RHEEM	RHEEM							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	RHEEM	PTL 550							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	RHEEM	BO347NCO							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	RHEEM	BO347NCO							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	RHEEM	PTL 220							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	RHEEM	PTL 220							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	ENERGY PRODUCTS INT	YGNIS							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	ENERGY PRODUCTS INT	YGNIS							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	ENERGY PRODUCTS INT	YGNIS							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	ENERGY PRODUCTS INT	YGNIS							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	ENERGY PRODUCTS INT	YGNIS							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	ENERGY PRODUCTS INT	YGNIS							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		

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Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	KESTON.C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	KESTON	C55							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	EVETEME	CH AMBASSOR A80							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	SYSTEMS	CH AMBASSOR A80							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	EVETEME	CH AMBASSOR A80							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	CVCTEME	CH AMBASSOR A80							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	AQUATHER M	A240							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	CARBOFUEL	PTL 220							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	CARBOFUEL	PTL 220							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	CARBOFUEL	PTL 220							NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	AQUATHER M	AY250							NATURAL GAS		

Correctional and Detention Services	O771400	Rimutaka Prison	AQUATHER M	PTL 220								NATURAL GAS		
Correctional and Detention Services	O771400	Rimutaka Prison	AQUATHER M	PTL 220								NATURAL GAS		
Correctional and Detention Services	O771400	Rolleston Prison	YGNIS	HW250								DIESEL		
Correctional and Detention Services	O771400	Rolleston Prison	HOVAL	SR900								DIESEL		
Correctional and Detention Services	O771400	Rolleston Prison	YGNIS	AY 100								DIESEL		
Correctional and Detention Services	O771400	Rolleston Prison	YGNIS	AY 250								DIESEL		
Correctional and Detention Services	O771400	Rolleston Prison	YGNIS	AY 250								DIESEL		
Correctional and Detention Services	O771400	Rolleston Prison	YGNIS	AY 125								DIESEL		
Correctional and Detention Services	O771400	Rolleston Prison	YGNIS	AY 125								DIESEL		
Correctional and Detention Services	O771400	Rolleston Prison	YGNIS	AY 250								DIESEL		
Correctional and Detention Services	O771400	Rolleston Prison	YGNIS	AY 175								DIESEL		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		

Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDMAX	R30		0.045						LPG		

Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility		TYPE HR 601								LPG		
Correctional and Detention Services		Spring Hill Corrections Facility		TYPE HR 601								LPG		
Correctional and Detention Services		Spring Hill Corrections Facility		TYPE HR 601								LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility		TYPE HR 601								LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility		TYPE HR 601								LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	TYPE HR 601								LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	TYPE HR 601								LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		

Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services		Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Spring Hill Corrections Facility	RENDAMAX	R30		0.045						LPG		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	KESTON	C55								LPG		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	KESTON	C55								LPG		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	KESTON	C55								LPG		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	KESTON	C55								LPG		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	KESTON	C55								LPG		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	KESTON	C55								LPG		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	ENERGY PRODUCTS INTERNATI ONAL	C55								NATURAL GAS		
Correctional and Detention Services		Tongariro/Rangipo Prison	HOVEL	C55								DIESEL		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	HDG RAVADIA	HDG COMPACT 200								Wood-Chip / Pellet Boiler		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	AQUATHER M	WF800								Wood-Chip / Pellet Boiler		
Correctional and Detention Services		Tongariro/Rangipo Prison	BEESTON ROBIN HOOD	C55								Wood-Chip / Pellet Boiler		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	BEESTON ROBIN HOOD	C55								Wood-Chip / Pellet Boiler		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	AQUATHER M	WF300								Wood-Chip / Pellet Boiler		
Correctional and Detention Services	O771400	Tongariro/Rangipo Prison	AQUATHER M	C55								Wood-Chip / Pellet Boiler		
Correctional and Detention Services	O771400	Waikeria Prison	YGNIS	AY250								NATURAL GAS		

Correctional														
	O771400	Waikeria Prison	IMMERGAS	NIKE MAIOR								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	HOVAL	SR 1300								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	AQUAHEAT (RIELLO BURNER)	BURNER: 556								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	MAN	REGENCY								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	SANGIORGI O	REGENCY								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	SANGIORGI O	REGENCY								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	YGNIS	AY250								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	YGNIS	AY250								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	YGNIS	AY250								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	YGNIS	AY250								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	YGNIS	AY250								NATURAL GAS		
Correctional and Detention Services	O771400	Waikeria Prison	REGENCY	AY250								NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison		EURO BON GAS								NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	YGNIS	EM600		0.6						NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	YGNIS	EM600		0.6						NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	YGNIS	EM600		0.6						NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	MEGALUX	EM600		0.6						NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	MEGALUX	EM600		0.6						NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	AQUATHER M	A215								NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	ACV	HR601								NATURAL GAS		

Correctional and Detention Services	O771400	Wanganui Prison	1	ECOFLAM	HR601							NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	1	ECOFLAM	HR601							NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	1	FERROLI	HR601							NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	1	PROCON 75	PROCON 75							NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	j	MAN HEIZTECHN IK	PROCON 75							NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	1	MAN HEIZTECHN IK	PROCON 75							NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	1	MHG	PROCON 75							NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison	1	MHG	PROCON 75							NATURAL GAS		
Correctional and Detention Services	O771400	Wanganui Prison		AQUATHER M YGNIS	AY 240							NATURAL GAS		
Correctional and Detention Services	O771400	Wellington Prison	1	AQUATHER M YGNIS	AY500							Natural Gas		

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.		Year Siz Installed MV		Output	Normal Operating Pressure bar	Normal Operating Output MW	Normal Hours Operated per Day	Normal Days Operated per Year		Winter Heating Only?	Annual Cogen Elec.Output kWh	Normal Boiler Operating Temperature oC		Annual Fuel Use for Boiler Only	Fuel Unit	Fuel CV kJ per Fuel Unit	
		Local Government																				
	O7530																					
Local Governm		Ashburton District Council Buller District Council	buildings Westport	Taymac		Coal boiler	2000?	0.3 HW					200)	Yes			Coal	30?	tonnes		
Local Governm	ь R911300	Buller District Council	Westport Swimming	Pool														electric hea	ting			
Local Governm	ь R911300	Buller District Council l	Reefton Swimming P	C Taylor		Coal boiler	2001	0.3 HW							Summer			Coal				
Local Governm Local Governm Local Governm Local Governm Local Governm	u O7530 u O7530 u O7530	Buller District Council Central Otago District Coun Central Otago District Coun Central Otago District Coun Central Otago District Coun	n buildings Alexandr n Ranfurly service cent	ra Taymac ra Taymac			1979 1979	0.3 HW 0.3 HW							Yes			electric hea Coal Coal Diesel Diesel	sting 30? 8000?	tonnes	24	
Local Governm Local Governm Local Governm Local Governm	ь O7530 ь O7530	Central Otago District Coun Central Otago District Coun Central Otago District Coun Central Otago District Coun	n Tarras Town Hall n Waipiata Town Hall															Diesel Diesel Diesel Diesel		kg		
Local Governm Local Governm		Central Otago District Cour Chatham Islands DC	Cromwell Swimming buildings	Pool														LPG electric hea	3000? ting	K.g		
Local Governm Local Governm		Chatham Christchurch City Council	Community Focus Sv Waste Water Brom				2008											Diesel heati Wood chip	ing? boiler for bio	solids drying		
Local Governm Local Governm Local Governm Local Governm Local Governm	u O7530 u O7530 u O7530	Clutha District Council Clutha District Council Clutha District Council Clutha District Council Clutha District Council	Head Office building Balclutha service cen Milton service centre Tapanui service centre Lawrence service cer	tre/Town Hall re			1970											electric hea Coal boiler electric hea electric hea electric hea	ting	tonnes	20	
Local Governm Local Governm Local Governm Local Governm	O7530 O7530	Clutha District Council Dunedin City Council Dunedin City Council Dunedin City Council Dunedin City Council	Balclutha Swimming Main Building The Main Building The Main Building The Art Gallery	Octagon Dunedin Octagon Dunedin			1970	0.55 1.2 1.2 0.5										Coal boiler piped gas diesel diesel	313 220000?	cubic metre	s	
Local Governm	ь R8910	Dunedin City Council	Moana Pool	Dullediii		Gas boiler												piped gas		GJ		
Local Governm	ь R911300	Dunedin City Council	Moana Pool -					1.2										piped gas	40000?	GJ		
Local Governm	ь R911300							1.2										piped gas				
Local Governm		Dunedin City Council - Dunedin City Council	Musselburgh Pumpin															Diesel Diesel for Sludge Incineratio n?	900000?	litres		
Local Governm Local Governm Local Governm Local Governm Local Governm Local Governm	D281200 D281200 D281200 D281200	Dunedin City Council Dunedin City Council Dunedin City Council Dunedin City Council Dunedin City Council	Tahuna Treatment St Green Island Treatme Green Island Treatme Mosgiel Treatment St Mosgiel Treatment St landfill gas engine	e Hoval e Hoval tation		Gas boiler : Diesel boiler	2000 2000 1972	1 HW 1 HW 0.1 HW HW										Diesel Diesel				
Local Governm	υ O7530	Greymouth District Council Greymouth District Council	I GDC buildings Aquatic Centre - High St Greymouth	Taymac	Series 78			0.55				24	362		No			Coal Coal	430	tonnes		
Local Governm	R911300		g.r or oreymouth																			

	0. 0.1.0	e:										
Local Governm O7530	Gore District Council	Civic Avenue, Gore	Radco			0.45 Hot Water	450Kw				no	diesel
		James Cummings										
Local Governm O7530	Gore District Council	Wing Civic Av	BT 40			0.47 Hot Water	474Kw				no	diesel
Local Governm R911300	Gore District Council	Mataura Pool			2010	0.40 Hot Water	400Kw			0).78 no	lignite
Local Governm R911300	Gore District Council	Gore Pool		electric	2003	0.40 Hot Water	400Kw				no	electricity
		Olympic Pool Complex; Centennial										
Local Governm R911300	Gisborne District Council	Marine Drive,	KOB Pyrot 400	not sure	2010	0.40 Hot Water	400 kW		12	365	No	85 Shavings 2500t Tonnes
Local Governm O7530	Hurunui District Council	buildings - Amberle										electric ducted heating and heat pumps
Local Governm R911300 Local Governm J601000	Hurunui District Council Kaikoura District Council	2 swimming pools buildings and library	NO BOILER NO BOILER									unheated electric heating
Local Governm R911300	Kaikoura District Council		YGNIS			0.12				120	Yes	Diesel 3000? litres
Local Governm O7530	Mackenzie District Counci	il buildings	NO BOILER									Electric
Local Governm R911300	Mackenzie District Counci		NO BOILER									Solar
Local Governm O7530 Local Governm R911300	Marlborough District Coun Marlborough District Coun		NO BOILER			0.4						Electric Diesel
Local Governm R911300	Marlborough District Coun					0.4						Diesel
	-		• •					*				
Local Governm O7530	Marlborough District Council	Kinross Street, Blenheim	Northvale by cooke Industries		2010	0.43 Heated Oil	430kw					Diesel Litres
Local Governill 07550			rotativate by cooke muusuks		2010	0.45 Treated Oil	+JOKW					Diesei Entes
	Marlborough District	Kinross Street,										
Local Governm O7530	Council	Blenheim	Northvale by cooke Industries		2010	0.43 Heated Oil	430kw	*				Diesel Litres
Local Governm O7530	Masterton District Council	main bulding	Aquatherm AY125	Diesel boiler		0.125 HW			9	180	Yes	Diesel 13000? litres
Local Governm J601000	Masterton District Council	library Genesis Energy	NO BOILER	electric heating	;							Electric
		Recreation Centre,										
Local Government	Masterton District Council	Dixon Street,	NO BOILER								no	electricity kWh
		Civic Building, Chapel Street,										
Local Governm O7530	Masterton District Council	Masterton										
		Civic Building,										
Local Governm O7530	Masterton District Council	Chapel Street, Masterton										
Local Governm J601000	Queenstown Lakes District	t (buildings/library										Diesel 2500? litres
Local Government	Lakes Leisure	Queenstown										Diesel
Local Governm O7530 Local Government	Selwyn District Council Selwyn District Council	Rakaia and Rolleston Rolleston community			0	05?						heat pump Diesel
Local Governm O7530	Timaru District Council	Koneston community	Centre		2010	0.2						Wood Chip
Local Governm O7530	Timaru District Council				2010	0.2						Wood Chip
Local Governm O7530	Timaru District Council	main building										Heat Pump
Local Governm J601000 Local Governm R900300	Timaru District Council Timaru District Council	library Theatre Royal	NO BOILER		1979	0.14 HW						Electric Diesel
Local Governm O7530	Timaru District Council	Geraldine service ce	n NO BOILER									heat pump
Local Governm O7530	Timaru District Council	Temuka service cent										heat pump
Local Governm O7530	Invercargill City Council				2010	0.185						Wood Chip
Local Governm 07530 Local Governm 1601000	Waimakariri DC Waimakariri DC	building library	NO BOILER		1996							electric HVAC Diesel
Local Governm J601000	Waimakariri DC	library			.,,,,							Rebuilding by end 2012
Local Governm O7530	Waimate DC	main building + info										Heat pumps
Local Governm R911300	Waimate DC	swimming pool Wa			1998	0.3				180	Summer	Coal 20? tonnes
Local Governm 07530 Local Governm J601000	Waitaki DC Waitaki DC	main building Library/Museum	NO BOILER NO BOILER									Heat pumps + wall heaters Electric
Local Governm 07530	Bay of Plenty Regional Co											Heat pumps
Local Governm O7530	Far North District Council	service centres	NO BOILER									Heat pumps
Local Governm R911300	Far North District Council											Heat pump for water heating
Local Governm Q7530	Gisborne District Council Greater Wellington Region	swimming pool	Kurb NO BOILER		2010	0.4						Wood chip HVAC
Local Governm O7530 Local Governm O7530	Hamilton City Council	central building, libra										HVAC
Local Governm O7530	Hutt City Council	main building		2 large and	1960							gas
Local Governm O7530	Hutt City Council	main building			1960							gas
Local Governm O7530 Local Governm O7530	Hutt City Council Hutt City Council	main building main building			1985 1985							gas gas
Local Governm R900300	Hutt City Council	Library/Little Theatre	e		2000							gas gas
Local Governm O7530	Hutt City Council	Horticultural Hall			1980							gas
Local Governm J601000	Hutt City Council		tbourne, Naenae libraries									electric heating
Local Government Local Government D281200	Hutt City Council Kapiti Coast District Council	Silverstream landfill			2008	drvin biosolids						3? Gas engines Wood chip boiler
Local Governm O7530	New Plymouth DC	main building	YGNIS		1990	HW						Gas 1940 GJ
Local Governm R911300	Palmerston North CC	Lido Aquatic Centre			2010							Wood chip

Local Government	Palmerston North CC landfill	Energen	2006	0.85		Gas engine	
Local Governm D281200	Palmerston North CC waste treatment	Energen	2010	0.75		Gas engine	
Local Governm O7530			1965				1400 GJ
						Gas	
Local Governm J601000	Porirua CC Library/Museum		1980			Gas	310 GJ
Local Governm R911300	Porirua CC main swimming po	ool	2004	0.4		Gas	3200 GJ
Local Governm R911300	Porirua CC main swimming po		2004	0.4			3200 GJ
Local Governm R911300	Porirua CCI Cannons Creek sw		2001	0.3			2200 GJ
			2001	0.3			2200 GJ
Local Governm O7530	Tauranga City Council buildings	NO BOILER				electric heating	
Local Governm D281200	Tauranga City Council wastewater treatme	ent Energy Product Aquatherm YGNIS AY500	2009	0.5 boiler for sewage sludge heat exchanger		Diesel	
Local Governm R911300	Tauranga City Council 4 swimming pools p						
Local Governm O7530			2009	0.2		West district	
	Thames Coromandel District 515 Mackay St Tha	ames	2009	0.2		Wood chip	
Local Governm O7530	Wanganui DC main building					gas	
Local Governm J601000	Wanganui DC old library			under floor heating		gas	
Local Governm J601000	Wanganui DC new library					electric	
Local Governm R8910	Wanganui DC Art Gallery						
						gas	
Local Governm O7540	Wanganui DC Wakefield Chambe	rs Robin Hood				gas	
Local Governm R911300	Wanganui DC Aquatic Centre					gas + electric	
Local Governm O7530	Wellington CC Municipal building		1992	HW radiators and fan coils for air		gas	
Local Governm O7530	Wellington CC Town Hall		1992	HW radiators			
						gas	
Local Governm R8910	Wellington CC Art Gallery		1985	0.4 air heater		gas	
Local Governm O7530	Wellington CC Citizens Advice Bu	reau	1992			gas	
Local Governm J601000	Wellington CC Main Library		1992	combination underfloor HW + fan coils for air heating		gas	
Local Governm O7530	Wellington CC ~50 service centres			•		heat pumps	
Local Governm R911300			1995	0.3 HW			2010 GI
		doc Aquatherm Ygnis				Gas	2010 GJ
Local Governm R911300	Takapuna Aquatic Centre Takapuna Auckland		2009	0.4		Gas	1750 GJ
Local Governm R911300	Takapuna Aquatic Centre Takapuna Auckland	d		0.045		Gas	
Local Governm R911300	Takapuna Aquatic Centre Takapuna Auckland		2004	0.109		Gas	
			2004				4550 GV
Local Governm R911100	Glenfield Leisure Centre 9 Bentley Ave, Gle			0.08		Gas	1770 GJ
Local Governm R911100	Glenfield Leisure Centre 9 Bentley Ave, Gle	nfi Hurlcon		0.08		Gas	1770 GJ
Local Governm R911100	Glenfield Leisure Centre 9 Bentley Ave, Gle			0.08		Gas	1770 GJ
Local Governm R911100	Birkenhead Leisure Centre Mahara Avenue Ch		2009	0.115		Gas	2900 GJ
							2900 GJ
Local Governm R911100	Birkenhead Leisure Centre Mahara Avenue Ch		2009	0.115		Gas	
Local Governm R911100	Birkenhead Leisure Centre Mahara Avenue Ch	nats Rendermax	2010	0.045		Gas	
Local Governm J601000	Takapuna Library Takapuna Auckland	d				Gas	
Local Governm R911300	Glen Innes Pool 122 Elstree Ave Gl		2003	0.75		Gas	
Local Governm R911300	Olympic Pool 77 Broadway News		1995	0.66		Gas	
Local Governm R911300	Onehunga Pool Jellicoe Park	YGNIS AY600		0.6		Gas	
Local Governm R911300	Onehunga Pool Jellicoe Park Jellicoe Park	YGNIS AY175		0.175		Gas	
Local Governm R911300		ckk Aquatherm Ygi AY800		0.8		Gas	
				0.8			
Local Governm R911300	West Wave Aquatic Centre Waitemata Aucklan	nd				Gas	
Local Governm R911300	Stanmore Bay Aquatic Centre					Heat pumps	
Local Governm R911100	Lloyd Elsmore Leisure Cent Auckland South		2009			Gas	0150 GJ
Local Governm R911100	Moana Kiwa Leisure Centre Auckland South						7400 GJ
Local Governm R911100	Manurewa Leisure Centre Auckland South			1.2			6300 GJ
Local Governm R911100	Norman Kirk Leisure Centre Auckland South					Gas 5000?	GJ
Local Governm R911100	Papatoetoe Central Leisure (Auckland South					Gas 10000	? GJ
	Ministry of Justice 200 Bridge St Nelse	on				Diesel	tonnes
	Ministry of Justice 200 Bridge St Nels	on				Diesei	tonics
Local Governm O7540							
	Nelson Police Station St Johns St Nelson					Diesel	tonnes
Local Government							
Local Government	W. I. II. W. AND II. C. M.					mi i	
	Work and Income New 22 Bridge St Nelson	n				Diesel	tonnes
Local Government	Zealand						
	Ngawhatu Swimming Pool Ngawhatu Rd Nelse	on		No		Coal	tonnes
Local Governm R911300	g						
Local Governm R911500							
	P : 10 3						
Local Governm O7530	Regional Council						
Local Governm O7530	Regional Council						
Local Governm O7530	Regional Council						
Local Governm O7530	Regional Council Tararua District Council Thames Centennial						
	Tararua District Council Thames Centennial						
Local Governm 07530	Tararua District Council Thames Centennial Thames-Coromandel Thomas Centennial		2015				
	Tararua District Council Thames Centennial	Hargassner 200 Firetube	2010	0.20 Hot Water second heat cir ~150kW (not measured in gre depends on temperature in t no	65 to 80	Hog fuel / w 200 -	250 Tonnes
Local Governm 07530	Tararua District Council Thames-Cortomandel Pool, 105 Mackay District Council Street, Thames		2010	0.20 Hot Water second heat cir ~150kW (not measured in gre depends on temperature in t no	65 to 80	Hog fuel / w 200 -	250 Tonnes
Local Governm R911300	Tararua District Council Thames-Coromandel District Council New Plymouth District Tararua District Council Thames Centenniai Pool, 105 Mackay Street, Thames		2010	0.20 Hot Water second heat cir ~150kW (not measured in gre depends on temperature in 1 no	65 to 80	Hog fuel / w 200 -	250 Tonnes
Local Governm 07530	Tararua District Council Thames-Coromandel District Council New Plymouth District Council No Boiler Thames Centennial Pool, 105 Mackay Street, Thames No Boiler		2010	0.20 Hot Water second heat cir ~150kW (not measured in gre depends on temperature in trno	65 to 80	Hog fuel / w 200 -	250 Tonnes
Local Governm R911300	Tararua District Council Thames-Coromandel District Council New Plymouth District Tararua District Council Thames Centenniai Pool, 105 Mackay Street, Thames		2010	0.20 Hot Water second heat cir ~150kW (not measured in gre depends on temperature in 1 no	65 to 80	Hog fuel / w 200 -	250 Tonnes
Local Governm R911300	Tararua District Council Thames-Coromandel District Council New Plymouth District Council No Boiler Boiler House,	Hargassner 200 Firetube	2010	0.20 Hot Water second heat cit ~150kW (not measured in gre depends on temperature in tino	65 to 80	Hog fuel / w 200 -	250 Tonnes
Local Governm O7530 Local Governm R911300 Local Governm O7530	Tararua District Council Thames-Coromandel District Council New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Omahu Rd, Hastin	Hargassner 200 Firetube			65 to 80		
Local Governm R911300	Taranua District Council Thames-Coromandel Pool, 105 Mackay District Council New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Omahu Rd, Hasting Board (Backup not	Hargassner 200 Firetube	2010	0.20 Hot Water second heat cit ~150kW (not measured in gre depends on temperature in tono steam 1820 Kg.hr., 1, 1035 KPA 1.2 no	65 to 80	Hog fuel / w 200 - Natural gas	250 Tonnes Litres
Local Governm O7530 Local Governm R911300 Local Governm O7530	Tararua District Council Thames-Coromandel District Council New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Omahu Rd, Hasting Board Boiler House Tolkier House	Hargassner 200 Firetube Scott M/No 149140 S Fire tube			65 to 80		
Local Governm O7530 Local Governm R911300 Local Governm O7530 Local Governm O7530	Tararua District Council Thames-Coromandel District Council Thames-Coromandel Pool, 105 Mackay Street, Thames New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Ornahu RA, Hastin Board Boiler House - Hawkes Bay District Health Omahu RA, Hastin Hawkes Bay District Health Omahu RA, Hastin	Hargassner 200 Firetube S Scott M/No 149140 S Fire tube	2000	steam 1820 Kg.hr, 1, 1035 KPA 1.2 no	65 to 80	Natural gas	Litres
Local Governm O7530 Local Governm R911300 Local Governm O7530	Tararua District Council Thames-Coromandel District Council Thames-Coromandel Pool, 105 Mackay Street, Thames New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Ornahu RA, Hastin Board Boiler House - Hawkes Bay District Health Omahu RA, Hastin Hawkes Bay District Health Omahu RA, Hastin	Hargassner 200 Firetube Scott M/No 149140 S Fire tube			65 to 80		
Local Governm O7530 Local Governm R911300 Local Governm O7530 Local Governm O7530	Tararua District Council Thames-Coromandel District Council Thewe Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Omahu Rd, Hastin Boiler House - Hawkes Bay District Health Omahu Rd, Hastin	Hargassner 200 Firetube S Scott M/No 149140 S Fire tube	2000	steam 1820 Kg.hr, 1, 1035 KPA 1.2 no	65 to 80	Natural gas	Litres
Local Governm O7530 Local Governm R911300 Local Governm O7530 Local Governm O7530	Tararua District Council Thames-Coromandel Pool, 105 Mackay District Council Street, Thames New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Omahu Rd, Hasting Board Hawkes Bay District Health Omahu Rd, Hasting Board (Backup not Boiler House) Hawkes Bay District Health (Backup not Boiler House)	Hargassner 200 Firetube Scott M/No 149140 S Fire tube Ygnis, Aquather EM2300 S/No 5 Fire tube	2000	steam 1820 Kg.hr, 1, 1035 KPA 1.2 no	65 to 80	Natural gas	Litres
Local Governm O7530 Local Governm R911300 Local Governm O7530 Local Governm O7530	Tararua District Council Thames-Coromandel District Council New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Moller House Hawkes Bay District Health Omahu Rd, Hasting Board Board Board Backup not Board Board Backup not Ba	Hargassner 200 Firetube Sout M/No 149140 S Fire tube Sy Ygnis, Aquather EM2300 S/No ! Fire tube 1.	2000 1999	steam 1820 Kg.hr, 1, 1035 KPA 1.2 no 2.3 Hot water 2300 KPA 2.3 no	65 to 80	Natural gas	Litres
Local Governm O7530 Local Governm R911300 Local Governm O7530 Local Governm O7530	Tararua District Council Thames-Coromandel Pool, 105 Mackay District Council Street, Thames New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Omahu Rd, Hasting Board Hawkes Bay District Health Omahu Rd, Hasting Board (Backup not Boiler House) Hawkes Bay District Health (Backup not Boiler House)	Hargassner 200 Firetube Scott M/No 149140 S Fire tube Ygnis, Aquather EM2300 S/No 5 Fire tube	2000	steam 1820 Kg.hr, 1, 1035 KPA 1.2 no	65 to 80	Natural gas	Litres
Local Governm O7530 Local Governm R911300 Local Governm O7530 Local Governm O7530	Tararua District Council Thames-Coromandel District Council New Plymouth District Council No Boiler Goiler House, Hawkes Bay District Health Moler House Hawkes Bay District Health Omahu Rd, Hasting Board	Hargassner 200 Firetube Sout M/No 149140 S Fire tube Sy Ygnis, Aquather EM2300 S/No ! Fire tube 1.	2000 1999	steam 1820 Kg.hr, 1, 1035 KPA 1.2 no 2.3 Hot water 2300 KPA 2.3 no	65 to 80	Natural gas	Litres
Local Governm O7530 Local Governm P911300 Local Governm O7530 Local Governm O7530 Local Governm O7530	Tararua District Council Thames-Coromandel District Council Thames-Coromandel Pool, 105 Mackay Street, Thames New Plymouth District Council No Boiler Boiler House, Hawkes Bay District Health Omahu Rd, Hasting Board Glackup not Hawkes Bay District Health Omahu Rd, Hasting Board Hawkes Bay District Health Omahu Rd, Hasting Hawkes Bay District Health MHIU - Omahu Rd Hastings Hawkes Bay District Health MHIU - Omahu Rd	Hargassner 200 Firetube Scott M/No 149140 S Fire tube Ygnis, Aquather EM2300 S/No 5 Fire tube 1, Ygnis, Aquather AY400 Fire tube	2000 1999 1996	steam 1820 Kg.hr, 1, 1035 KPA 1.2 no 2.3 Hot water 2300 KPA 2.3 no 0.4 Hot water 400kw no	65 to 80	Natural gas Natural gas Natural gas	Litres Litres Litres
Local Governm O7530 Local Governm R911300 Local Governm O7530 Local Governm O7530	Tararua District Council Thames-Coromandel District Council New Plymouth District Council No Boiler Goiler House, Hawkes Bay District Health Moler House Hawkes Bay District Health Omahu Rd, Hasting Board	Hargassner 200 Firetube Sout M/No 149140 S Fire tube Sy Ygnis, Aquather EM2300 S/No ! Fire tube 1.	2000 1999	steam 1820 Kg.hr, 1, 1035 KPA 1.2 no 2.3 Hot water 2300 KPA 2.3 no	65 to 80	Natural gas	Litres

Local Governm O7530	Hawkes Bay District Heal Board	th Tutorial - Omahu Rd, Hastings	Pensotti Taymac	G2n./90	Fire tube	1996 1996 1	0.1 Hot water	100k	w	no		Natural gas		Litres	
Local Governm O7530	Invercargill city council									4.8	70	0 lignite			
Local Government		Cnr North Road &	Beecroft-			1980 ().3								
Local Governm O7530	Environment Southland	Price Street, Invercargill	Beacon Maxi									coal	40) Tonnes	
Local Governm 07530	Palmerston North City Council	City Administration Building	Hoval	386kW	LTHW		0.386 LTHW	Street main pressure		Yes		Gas			
Local Governm O7530	Palmerston North City Council	City Administration Building	Hoval	386kW	LTHW		0.386 LTHW	Street main pressure		Yes		Gas			
Local Governm J601000	Palmerston North City Council	City Library	Aquatherm	EM600	LTHW	1995	0.600 LTHW	Street main pressure		180 Yes		Gas			
Local Governm R911300	Palmerston North City Council	Lido Aquatic Centre	Aquatherm	390kW	LTHW		0.390 LTHW	Street main pressure		No		Gas			
Local Governm R911300	Palmerston North City Council	Lido Aquatic Centre	Hoval	600kW	LTHW		0.600 LTHW	Street main pressure		No		Gas			
Local Governm R911300	Palmerston North City Council	Freyberg Communit Pool	y Aquatherm	390kW	LTHW		0.390 LTHW	Street main pressure		No		Gas			
Local Governm D281200	Palmerston North City Council	Wastewater Treatment Plant	Aquatherm	400kW	LTHW		0.4 LTHW	Street main pressure		No		Gas			
Local Government	Palmerston North City Council Pamerston North City Council	Works Depot Nursery Awapuni Landfill Tip Rd Palmerston North	Aquatherm		60 LTHW	2006 consented	0.06 LTHW	Street main pressure		Yes		Gas Landfill gas			
Local Government	Otago Regional Council	Stafford Street Dunedin													
Local Governm O7530 Local Governm R8910	Art Gallery	The Octagon Dunedin			Gas boiler		2 0.5					piped gas	12000? 150000?	cubic metres cubic metres	

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Yea Type Inst		ize Output IW Type	Output	Normal Operating Pressure bar	Normal Hours Operated pe Day		Heating	Annual Cogen Elec.Output kWh	Normal Boiler Operating Temperature oC	Fuel Type	Annual Fuel Use for Boiler Only	Fuel Unit	Fuel CV kJ per Fuel Unit	
		Dairy Processing																	
Dairy Processing		Aroha Organic Goat Cheese	Te Aroha																
Dairy Processing	C113300	Ayyildiz Ltd	Manakau																
Dairy Processing	C113300	BARRYS BAY CHEESE	BARRYS BAY CHEESE	SCOTT	Firetube	1973	1.3 Saturated Steam		9.4		3.744			180	Oil/Diesel				
Dairy Processing	C113300	Blue River Dairy Products	Invercargill																
Dairy Processing		Brunswick Cheese	Wanganui																
Dairy Processing	C113300	Cilantro Cheese	Hamilton																
Dairy Processing	C113300	Clevedon Valley Buffalo	Auckland																
Dairy Processing		Cloudy Mountain	Te Awamutu																
Dairy Processing		CONTACT ENERGY	TE RAPA	FOSTER WHEELER	Waterwall	1998	52 Superheate d Steam	180	42					287	Gas				
Dairy Processing		CONTACT ENERGY	TE RAPA	(MCKENZIE	Waterwall	1998	146								Gas				
Dairy Processing	G112200	Crescent Dairy Goats	Kemeu																
Dairy Processing	C113300 C113300	DAIRY GOAT CO- OPERATIVE LTD	DAIRY GOAT CO- OPERATIVE LTD	EASTEEL - STEAMPAC		2004	3.6 Steam	5.74	10.5		30.8448			100	Gas				
Dairy Processing		DAIRY GOAT CO- OPERATIVE LTD	DAIRY GOAT CO- OPERATIVE LTD	EASTEEL	Direct fired		1								Gas				
Dairy Processing	C113300	DEEP SOUTH ICE CREAM	Christchurch	SCOTT	heater	1983	0.42 Saturated Steam	0.54	10		0.63				Oil/Diesel				
Dairy Processing	C113200	DEEP SOUTH ICE CREAM	invercargill																
Dairy Processing	C113200	Emilo Festa	Christchurch																alex.hopkins@deepsouthicecream.co.nz
Dairy Processing	C113300	Evansdale Cheese	Waikouaiti																
Dairy Processing	211000	CONTACT ENERGY	TE RAPA	FOSTER WHEELER (MCKENZIE	Waterwall	1998	52 Superheate	d 180	42					287	Gas				
Dairy Processing		CONTACT ENERGY	TE RAPA		Waterwall	1998	146								Gas				
Dairy Processing		Contact Energy Ltd	TE RAPA	FOSTER			57 Saturated S	St 60	42					410	Gas				
Dairy Processing		KAPUNI ENERGY	KAPUNI	WHEELER (MCKENZIE		1970	16.6 Superheate	d 20	30					300	Gas				
Dairy Processing Dairy		KAPUNI ENERGY	KAPUNI			1998	15.4	18.5	30		102.144			300	Gas				
Processing		Bay of Plenty Energy	EDGECUMBE	MAXITHERM	Watertube	1996	16 Saturated S	St 25	17		102.144			205	Gas				

Dairy										
Processing										
Dairy	Bay of Plenty Energy	EDGECUMBE	EASTEEL Senior	Watertube	1993	10 Saturated St	15	17		205 Gas
Processing			Engineering							
	Bay of Plenty Energy	EDGECUMBE	Australia Senior		1996	25 Saturated St	23	17		205 Gas
Dairy Processing			Engineering							
1 locessing	Bay of Plenty Energy	EDGECUMBE	Australia		1996	25	23	17		205 Gas
Dairy			Urquhart							
Processing	Fonterra	Edgecumbe	Engineering Sydney Aust.	Air heater		5.6 Heated air				Gas
Dairy			•							
Processing	Fonterra	BRIGHTWATER	MAXITHERM	Watertube	1987	7 Saturated St	11.6	10		Coal
Dairy	romerra	BRIGHT WATER		watertube	1907	/ Saturated St	11.0	10		Coar
Processing			BABCOCK &							
Dairy	Fonterra	CLANDEBOYE	WILCOX	Watertube	2004	40.8 Saturated Steam		35		Coal
Processing			BABCOCK &							
	Fonterra	CLANDEBOYE	WILCOX	Watertube	2004	40.8 Saturated Steam		35		Coal
Dairy Processing			BABCOCK &							
	Fonterra	CLANDEBOYE	WILCOX	Watertube	1997	20 Saturated Steam		35		Coal
Dairy Processing			BABCOCK &							
Frocessing	Fonterra	CLANDEBOYE	WILCOX	Watertube	1997	20 Saturated Steam		35		Coal
Dairy			FOSTER WHEELER							
Processing	Fonterra	CLANDEBOYE	(MCKENZIE	Watertube	2001	33 Saturated Steam		35		Coal
Dairy									182.784	
Processing	Fonterra	EDENDALE	JOHN THOMPSON	Watertube	1994	32 Superheated Steam		60		420 Lignite
Dairy			ELECTRO	wertube	.,,,	Jupomonica oteani			188.16	
Processing	.	EDEND ALE	KESSELL COWEN	***	1000	22.0		60		400 T
Dairy	Fonterra	EDENDALE	COWEN	Watertube	1996	32 Saturated Steam		60	205.8	420 Lignite
Processing			JOHN						203.0	
Dairy	Fonterra	EDENDALE	THOMPSON	Watertube	2003	35 Saturated Steam		42		Lignite
Processing			Babcock							
	Fonterra	Edendale	Tower Pack	Water tube	2009	38 Saturated St	58	42		Lignite
Dairy Processing			JOHN							
	Fonterra	HAUTAPU	THOMPSON	Firetube	1978	5.1 Saturated steam		10		Coal
Dairy			JOHN							
Processing	Fonterra	HAUTAPU	THOMPSON	Firetube	1974	5.1 Saturated steam		10		Coal
Dairy			FOSTER WHEELER							
Processing	Fonterra	HAUTAPU	(MCKENZIE	Watertube	1974	10.2 Saturated steam		10		Gas
Dairy										
Processing	Fonterra	Hautapu	Hoval			3 Hot water				Gas
Dairy	- Olacita	- Autapu				5 Flot water				Gia.
Processing	Postorio		HI			2 11-1				C
Dairy	Fonterra	Hautapu	Hoval			3 Hot water				Gas
Processing										
Dairy	Fonterra	Hautapu	Hoval Air heaters for			3 Hot water				Gas
Processing			sit drying plant -							
	Fonterra	Hautapu	no details			Heated air				Gas
Dairy Processing										
	Fonterra	Innovation	Foster Wheeler	Water tube		4.5 Saturated Steam		10		Gas
Dairy Processing										
Processing	Fonterra					Saturated St	1.8	9		Gas
Dairy										
Processing	Fonterra	KAIKOURA	SCOTT	Watertube	1969	2.8 Saturated St	3.6	8.3		180 Oil/Diesel
Dairy										
Processing	Fonterra	Kapuni	Aquatherm	Hot water		0.95 Hot water				Gas
Dairy		puiii	1			and the same				
Processing	Fonterra	Kauri	Easteel	About	it 1989	7 Saturated steam		11		Gas
Dairy	1 Officia	Kduii	Lancel	Abou	1707	, Saturateu steaff				Gas
Processing		**	T . 1		1002.0					
Dairy	Fonterra	Kauri	Easteel	about	1992-9:	7 Saturated steam		11		Gas
Processing										
	Fonterra	Kauri	Easteel		2002	10 Saturated steam		11		Gas

Dairy									
Processing	Fonterra	Kauri	Easteel	Hot water	2000	10 Hot water			Gas
Dairy									
Processing	Fonterra	Kauri	Easteel	Hot water	2000	10 Hot water			Gas
Dairy Processing									
	Fonterra	Kauri	Konus Kessel	Air Heater abo	out 1989	10 Heated air		NA	Gas
Dairy Processing									
	Fonterra	Kauri	Easteel	Air Heater Abo	out 1998	10 Heated air		NA	Gas
Dairy Processing									
Dairy	Fonterra	Longburn		Water tube	1980	17.5 Saturated sti	23	10	Gas
Processing		LONGBURN CASE	W ANDERGON	***	1000	1050		40	
Dairy	Fonterra	LONGBURN CASE		Water tube	1980	10.5 Saturated sti	14	10	Gas
Processing	Fonterra	Maungaturoto	John Thompson	Fire tube	1986	10 Saturated steam		10.5	Gas
Dairy	Tomerra	Madiigaturoto		r ne tube	1980	10 Saturated steam		10.5	Gus
Processing	Fonterra	Maungaturoto	Daniel Adamson	Fire tube	1950's	6 Saturated steam		10.5	Gas
Dairy									
Processing	Fonterra	Maungaturoto	Foster Wheeler	Water tube M	lid 1960s	6.5 Saturated steam		10.5	Gas
Dairy									
Processing	Fonterra	Maungaturoto	Garbutt	Air heater		3.4 Heated air		NA	Gas
Dairy Processing									
	Fonterra	Maungaturoto	Niro	Air heater		Heated air		NA	Gas
Dairy Processing									
	Fonterra	Maungaturoto	Niro	Air heater		Heated air		NA	Gas
Dairy Processing									
Dairy	Fonterra	Maungaturoto	?	Air heater		Heated air		NA	Gas
Processing			T						
Dairy	Fonterra	Lichfield	Easteel	Steam boiler		9.5 Saturated steam			
Processing	Pentana	11464	Mc Kenzie &		1996	0.11-1			
Dairy	Fonterra	Lichfield	Ridley LTD	Hot water	1990	9 Hot water			
Processing	Fonterra	Lichfield	Mc Kenzie & Ridley LTD	Hot water	1996	9 Hot water			
Dairy	Tomeru	Licineta	,	Tiot water	1,,,0	y riot water			
Processing	Fonterra	Lichfield	Easteel	Hot water	1996	11 Hot water			
Dairy			BABCOCK &						
Processing	Fonterra	MORRINSVILLE	WILCOX	Fire tube	1970	6.8 Saturated St	10.82	11.5	190 Gas
Dairy Processing			BABCOCK &						
	Fonterra	MORRINSVILLE	WILCOX	Fire tube	1970	4.9 Saturated St	7.87	11.5	190 Gas
Dairy Processing									
	Fonterra	MORRINSVILLE	Babcock	Fire tube	1980	6.3 Saturated St	10.06	11	180 Gas
Dairy Processing									
Dairy	Fonterra	Morrinsville	Niro	Air heater	:	5.815 Heated air			Gas
Processing			Provide						
Dairy	Fonterra	Morrinsville	Easteel	Air heater		6.1 Heated air			Gas
Processing	Fonterra	PAHIATUA	ANDERSON	Watertube	1077	7.7 Saturated St	9.98	10	Gas
Dairy	romerra	FAMIAI UA	ANDERSON	watertube	1977	7.7 Saturated St	9.98	10	UES
Processing	Fonterra	PAHIATUA	ANDERSON	Watertube	1977	7.7 Saturated St	9.98	10	Gas
Dairy	· omeria	anaroa	. I.	atenuoc	1911	7.7 Saturated St	2.20	10	Uas .
Processing	Fonterra	PAHIATUA	Easteel	Air heater	2003	3.5 Heated air			Gas
Dairy									
Processing	Fonterra	PAHIATUA		Air heater	1991	Thermal oil/Heated	air		98 Gas
Dairy Processing									
Processing	Fonterra	PAHIATUA		Hot water	1991	Heated water			280 Gas
Dairy Processing									
	Fonterra	Plains - Chch		Air heater		3.5 Heated air			LFO

Dairy Processing			McKenzie Ridley Foster						
	Fonterra	Reporoa	Wheeler			9.5 Saturated St	15.2	14.5	Gas
Dairy			McKenzie						
Processing	Fonterra	Reporoa	Ridley Foster Wheeler			10.3 Saturated St	16.5	19.86	Gas
Dairy	romeria	керогоа	Gustav Shafer			10.5 Saturated St	10.5	19.00	Gas
Processing			indirect steam						
	Fonterra	Reporoa	generator			6.3 Saturated St	10.0	17.9	Gas
Dairy									
Processing	Fonterra	Reporoa	Easteel	Air heater		Heated air			Gas
Dairy			FOSTER						
Processing			WHEELER						
Dairy	Fonterra	Stirling	(MCKENZIE	Watertube	2001	11 Saturated Steam		10	180 Lignite
Processing									
	Fonterra	TAKAKA	MAXITHERM	Watertube	1986	8 Saturated St	12.76	10.6	187 Coal chips/fines
Dairy									
Processing	Fonterra	Takaka	Easteel	Air heater	1994	? Heated air			Coal chips/fines
Dairy									
Processing			0. P						
Dairy	Fonterra	Takanini	SteamPac	1 Firetube		Saturated St	4.5		Gas
Processing									
	Fonterra	Takanini	SteamPac	2 Firetube		Saturated St	4.5		Gas
Dairy									
Processing	Fonterra	Takanini	Allen Ygnis	Hot water		3.0 Heated water			Gas
Dairy									
Processing	Fonterra	Takanini	Allen Mente	Hot water		4.0 Heated water			Gas
Dairy	Ponterra	1 akanini	Allen Ygnis	Hot water		4.0 Heated water			Cas
Processing									
	Fonterra	TE AWAMUTU	Easteel	Watertube	2004	43 Superheated	54	42	405 Coal
Dairy									
Processing	Fonterra	Te awamutu	Easteel	Water tube	2007	39 Superheated	49	42	405 Gas
Dairy									
Processing	Fonterra	Te awamutu	Anderson	Fire tube		7.1 Saturated sti	11	10	Gas
Dairy	romeria	1 c awaiiutu	1 indexison	The tube		7.1 Saturated so	**	10	Cas
Processing									
p :	Fonterra	Te awamutu	Anderson	Fire tube		7.0 Saturated sti	9	10	Gas
Dairy Processing									
	Fonterra	Te awamutu	Cable Price	Fire tube		4.3 Saturated sti	7	10	Gas
Dairy									
Processing	Fonterra	TIRAU	John thompson	Waterwall	1974	20.8 Saturated St	31	12.5	Gas
Dairy			*						
Processing	P	TIDALL	Foster Wheeler		1001	12 6 16	17	10.5	0
Dairy	Fonterra	TIRAU	Poster wheeler		1981	13 Saturated St	1/	12.5	Gas
Processing									
	Fonterra	Tirau	Pillet	Air heater	1985	2.3 Heated air			
Dairy Processing									
. rocessing	Fonterra	Tirau	Alteenberger	Air heater	1994	1.8 Heated air			
Dairy			T. b.						
Processing	Fonterra	Waitoa	John Thompson.	Watertube		13.8 Superheated	22	10	236 Coal
Dairy			Foster/			p.z.meure			
Processing		***	WheelerMacke			22.0.0	20	20	MM C .
Dairy	Fonterra	Waitoa	nzie Ridley Ekro Kessel /	Watertube		23.8 Superheated	38	30	300 Coal
Processing			John						
	Fonterra	Waitoa	Thompson	Watertube		23.8 Superheated	38	30	300 Coal
Dairy Processing			JOHN						
1 locessing	Fonterra	WHAREROA	THOMPSON	Watertube	1993	20 Saturated St	25	36	Gas
Dairy			JOHN						
Processing	Fonterra	WHAREROA	JOHN THOMPSON	Watertube	1996	56 Superheated	50	42	435 Gas
Dairy	1 OHCHA	"HAREKUA	THOMI SON	watertube	1990	50 Superneated	30	42	453 Uds
Processing			JOHN						
	Fonterra	WHAREROA	THOMPSON	Watertube	1996	56 Superheated	50	42	435 Gas
Dairy Processing									
	Fonterra	WHAREROA	IST		1997	38 Superheated	30	42	420 Gas
Dairy									
Processing	Fonterra	WHAREROA	IST		1997	40 Superheated	30	42	420 Gas
					.,,,,	Juperneurea	50		120 (18)

Dairy Processing												
Dairy		Fonterra	WHAREROA		Air heater		Heated air				Gas	
Processing Dairy		Fonterra	Whareroa	Easteel	Air heater		Heated air					
Processing Dairy		Fonterra	Whareroa		Air heater		Heated air					
Processing		Fonterra	ELTHAM Collingwo	oc SCOTT		1994	2.8 Saturated St	3.6	9	9	180 Gas	
Dairy Processing		Fonterra	ELTHAM Collingwo	oc HOVAL		1997	1 Hot Water	3.6	9	9	55 Gas	
Dairy Processing				BABCOCK &								
Dairy Processing		Fonterra	ELTHAM Bridge St	WILCOX	Firetube	1976	2.46 Saturated St	3.18	10.3	3	Gas	
Dairy		Fonterra Gibbston Valley Cheese	ELTHAM Bridge St Queenstown	ANDERSON	Firetube	1962	2.28 Saturated St	2.95	10.34	4	Gas	
Processing	C113300	Co.										
Dairy Processing		GOODMAN FIELDER	BLENHEIM RD	MAXITHERM	Watertube	1996	8 Saturated Steam		20	69.888	Oil/Diesel	
Dairy Processing		GOODMAN FIELDER	BLENHEIM RD	MAXITHERM	Watertube	1996	6 Saturated Steam		20	52.416	Oil/Diesel	
Dairy Processing		GOODMAN FIELDER	BLENHEIM RD	SCOTT	Firetube	1970	1.4 Saturated Steam	1.81	8	8	Oil/Diesel	
Dairy Processing		GOODMAN FIELDER	GOODMAN FIELDER	EASTEEL		1999	4.2 Hot Water		10	0 36.6912	160 Gas	
Dairy Processing		GOODMAN FIELDER	PALMERSTON GOODMAN FIELDER	SCOTT		1988	1.1 Saturated Steam		8	9.6096	Gas	
Dairy Processing		GOODMAN FIELDER	PALMERSTON GOODMAN FIELDER			2005	0.16			0.5824	Gas	
Dairy Processing	C113300	GREEN VALLEY CHEESE	PALMERSTON				0.6				Oil/Diesel	
Dairy	C115500	Grinning Gecko CheeseCo	Whangarei									
Processing Dairy	C113300	Gruff Junction	Christchurch									
Processing	C113300	Junction										
Dairy Processing		HAUTAPU CHEESE	HAUTAPU	JOHN THOMPSON	Firetube	1978	5.1		10	8.9964	Coal	
Dairy Processing	C113300	HAUTAPU CHEESE	HAUTAPU	JOHN THOMPSON	Firetube	1974	5.1		10	8.9964	Coal	
Dairy Processing	C113300	HAUTAPU CHEESE	HAUTAPU	FOSTER WHEELER	Watertube	1974	10.2		19	9	Gas	
Dairy Processing	C113300	HOHEPA HOMES HAWKES BAY	HOHEPA HOMES HAWKES BAY	(MCKENZIE	Watertube	(0.102 Hot Water		0.14	4 0.14688	96 LPG/Butan e	
Dairy Processing												
Dairy		Italian Cheeses	auckland									
Processing	C113300											
Dairy Processing	C113300	KAIMAI CHEESE	KAIMAI CHEESE	Energy Products International		2007	0.4 Hot Water			3.4944	85 LPG/Butan e	
Dairy Processing		KAPUNI ENERGY	KAPUNI	FOSTER WHEELER		1970	16.6 Superheate d Steam	20	30	10	300 Gas	
Dairy Processing		KAPUNI ENERGY	KAPUNI	(MCKENZIE		1998	15.4	18.5	30	0	300 Gas	

Dairy Processing		KAURI CREAM	KAURI CREAM	EASTEEL		1990	7.5 Heated Oil			27.72	260 Gas	
Dairy Processing	C113100	KAURI CREAM	KAURI CREAM	EASTEEL		1992	7.5				260 Gas	
Dairy Processing	C113100	KAURI CREAM	KAURI CREAM	EASTEEL	Firetube	2000	10 Saturated Steam		11	35.28	180 Gas	
Dairy Processing	C113100	KAURI CREAM	KAURI CREAM	EASTEEL		1994	10 Hot Water			35.28	105 Gas	
Dairy Processing	C113100	KAURI CREAM	KAURI CREAM	EASTEEL		2001	10 Hot Water			35.28	105 Gas	
Dairy Processing	C113100	Kingsmeade	masterton									
Dairy Processing	C113300	MAHOE FARMHOUSE CHEESE	FARMHOUSE			1989	0.05 Hot Water			0.0468	95 Electricity	
Dairy Processing	C113300	MAINLAND PRODUCTS	CHEESE S HAMILTON	EASTEEL		2006	1.7 Saturated Steam		10	14.8512	Gas	
Dairy Processing		MAINLAND PRODUCTS	S HAMILTON	EASTEEL		2005	1.7 Saturated Steam		10	14.8512	Gas	
Dairy Processing		MAINLAND PRODUCTS	S HAMILTON	HOVAL		1986	Hot Water				Gas	
Dairy Processing		Matatoki Farm Cheese	Kuratau									
Dairy Processing	C113300	Mercer Cheese	Tuakau									
Dairy Processing	C113300	Meyer Gouda Cheese	Hamilton									
Dairy	C113300	Mt Eliza Cheese	Tauranga									
Processing	C113300											
Dairy Processing	C113300	Mt Grey Cheese	Rangiora									
Dairy Processing	C113300	NATIONAL FOODS	NATIONAL FOOD	S ANDERSON	Watertube	1975	1.4 Saturated Steam	1.81	10.3	8.568	Gas	
Dairy Processing		NATIONAL FOODS	NATIONAL FOOD	OS ANDERSON	Watertube	1975	1.4 Saturated Steam	1.81	10.3		Gas	
Dairy Processing	C113300	Neudorf Cheese Company Ltd	Waharoa									
Dairy Processing	C113300	NEW ZEALAND DAIRY FOODS	TOWN MILK FACTORY	BABCOCK	Firetube	1985	3 Hot Water		3		96 Gas	
Dairy Processing		NEW ZEALAND DAIRY FOODS	TOWN MILK FACTORY	EASTON	Firetube		2.4 Hot Water		3		96 Gas	
Dairy Processing		NEW ZEALAND DAIRY FOODS	TOWN MILK FACTORY	JOHN THOMPSON	Firetube	1994	4 Hot Water		8		175 Gas	
Dairy Processing		NEW ZEALAND DAIRY FOODS	TOWN MILK FACTORY	EASTEEL - STEAMPAC	Firetube	2001	4 Steam		8		175 Gas	
Dairy Processing		NEW ZEALAND DAIRY FOODS	COUNTRY FOOD FACTORY	S YGNIS	Firetube	1990	4 Hot Water		3		96 Gas	
Dairy Processing		NZ DAIRIES LTD	NZ DAIRIES LTD		Watertube	2007	15 Saturated Steam		30	103.32	Coal	
Dairy Processing		NZ DAIRIES LTD	NZ DAIRIES LTD		Watertube	2007	15 Saturated Steam		30	103.32	Coal	
Dairy Processing	C113300	Over the Moon Dairy	putaruru									
Dairy Processing	2115500	PUHOI VALLEY CHEESE	PUHOI VALLEY CHEESE	AQUATHER M YGNIS	Watertube	1994	0.8 Hot Water		5		95 Oil/Diesel	
Dairy Processing	C113300	PUHOI VALLEY CHEESE	PUHOI VALLEY CHEESE			2006	2.3 Hot Water				98 Oil/Diesel	
. roccosing	C113300											

airy rocessing		Pukeatua Oeak Cheese	Pukeatua									
iry	C113300	Pure Chevre	Dipton									
ocessing	C113300	Sheeperino Ltd	Tauranga									
cessing	C113300											
iry ocessing		SYNLAIT MILK LTD	SYNLAIT MILK LTD	EASTEEL	Watertube	2008	20 Saturated Steam		20		Coal	
essing		Talbot Forest Cheese	Geraldine									
y	C113300	TARANAKI MILK PRODUCTS	TARANAKI MILK PRODUCTS			2005	0.25 Hot Water			1.092	LPG/Butan e	
ry cessing		TATUA CO-OP DAIRY	TATUA CO-OP DAIRY	FOSTER WHEELER	Watertube	1974	13 Steam	17	10	113.568	184 Gas	
y essing		TATUA CO-OP DAIRY	TATUA CO-OP DAIRY	(MCKENZIE				1.04				
y essing	C113300	TE MATA CHEESE CO	Y TE MATA CHEES COY	iE		1993	0.15 Hot Water			1.2096	98 LPG/Butan e	
y cessing	C113300	The Great Kiwi Cheese C	o Manukau									
y cessing	C113300	THE OPEN COUNTRY CHEESE COY	THE OPEN COUNTRY CHEESE COY	JOHN THOMPSON	Watertube	1983	11 Saturated Steam	15	11	94.248	Coal	
y ressing	C113300	THE OPEN COUNTRY CHEESE COY	THE OPEN COUNTRY CHEESE COY	EASTEEL		2008	14		32			
ry cessing		THE OPEN COUNTRY CHEESE COY	COUNTRY CHEESE COY									
ry cessing	C113300	Waiheke Island Cheese Co	o Waiheke Island									
ry cessing	C113300	Waimata Cheese Ltd	Gisborne									
ry cessing	C113300	Wangapeka Cheese Ltd	Nelson									
ry cessing		WESTLAND MILK PRODUCTS	WESTLAND MILI PRODUCTS	K FOSTER WHEELER (MCKENZIE	Watertube	2002	25 Saturated Steam	28	38	189	249 Coal	
ry cessing		WESTLAND MILK PRODUCTS	WESTLAND MILI PRODUCTS	K FOSTER WHEELER (MCKENZIE		1981	10 Saturated Steam		20	75.6	Coal	
ry cessing	C113300	WHITESTONE CHEESE	E WHITESTONE CHEESE		Firetube	2003	0.4 Hot Water			0.4032	80 LPG/Butan e	
	C113300											

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Type	Year Installed		Output Type	Maximum Output Amount t/hi	Normal Operating Pressure bar	Normal Operating Output MW	Normal Hours Operated pe Day	Normal Days Operated per r Year	Winter Heating Only?	Annual Cogen Elec.Outpu kWh	Normal Boiler t Operating Temperature oC	Fuel Type	Annual Fuel Use for Boiler Only	Fuel Unit	Fuel CV kJ per Fuel Unit
		Organisations/ Government																		
organisations/ Government		NEW ZEALAND DEFENCE FORCE	BURNHAM			20	08 3.45	5												
organisations/ Government		NEW ZEALAND DEFENCE FORCE	BURNHAM			20	08 1.56	5												
organisations/ Government		NEW ZEALAND DEFENCE FORCE	BURNHAM			20	08 1.56	5												
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Linton Military Camp	Energy Product			1.5	5					continious	N			Gas			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Linton Military Camp	Vekos			1.5						back up boiler for above	N			Gas			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Linton Military Camp				1.465						Apr to Oct	Y			Gas			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Linton Military Camp				1.5						Apr to Oct back up for above boiler	Y			Gas			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Linton Military Camp				2						continious	N N			Gas			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Ohakea Air Base				4.1						continious	N			Gas			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	WAIOURU	MAXITHERM		20							continious	N			Gas			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	WAIOURU	BABCOCK		20	08 3.5	5												
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Waiouru Military Camp				8	3					continious	N			coal/wood pellet			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Waiouru Military										back up to							
organisations/ Government		NEW ZEALAND DEFENCE FORCE	Camp WIGRAM			20	4.5 08 0.75						above	N			coal			
organisations/ Government		NEW ZEALAND DEFENCE FORCE	WOODBOURNE			20	08 1.172	2												
organisations/ Government		NEW ZEALAND DEFENCE FORCE	WOODBOURNE			20	08 1.172	2												

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.	Boiler Type	Year Installed	Size MW	Type	Maximum Output Amount t/hi	Normal Operating Pressure bar	Operating Output MW	Hours		Heating Only?	Annual Cogen Elec.Outpu kWh	Normal Boiler at Operating Temperature oC		Annual Fuel Use for Boiler Only		Fuel CV kJ per Fuel Unit
		Education																			
Education		Abbotsford School	72 North Taieri Road, Abbotsford, Dunedin	CRANE WHITEHALL No.26 SECTIONAL BOILER		Watertube	1952	1	unknown		0.75						75	Coal Ohai Peas			
Education		Aberfeldy School	Parapara Highway, Whanganui															Electricity			
Education		Achorage Park School	16 Swan Crescent, Auckland															Electricity			
Education		Addington School	22 Brougham St., Christchurch	AQUATHER M YGNIS		Watertube	2003	0.75	Hot Water	0.125	5			0.375			75	Oil/Diesel			
Education		Ahititi	NO BOILER															NB			
Education		Ahuroa School	NO BOILER															NB			
Education		Albany School	NO BOILER				2008											Electricity			
Education		Albany Senior High School	NO BOILER															NB			
Education		Albury School	Station Street, Albury, Canterbury				2000	1.2										Electricity			
Education		Alfredton School	NO BOILER															NB			
Education		Allenton School	110 Harrison Street, Allenton, Canterbury			Waterwall	2005	0.3	Hot Water		2.5			0.1575			77	Oil/Diesel			
Education		Allenton School	110 Harrison Street, Allenton, Canterbury				19/04/2000	0.3													
Education		Amisfield School	Moffat Road, Tokoroa	PENSOTTI G2N			1997				4						95	Gas			
Education		Anderson's Bay School	92 Jeffery Street, Anderson's Bay, Dunedin	uncertain		not sure	2007	0.29	Hot Water								80	coal OHAI PEAS		tonnes	
Education	P802100	Aorangi Primary School	NO BOILER															Electricity			
Education		Aorangi School	3-13 Gem Street, Rotorua			Watertube	2009	0.18										Woodwast			
Education		Aorangi School	3-13 Gem Street, Rotorua				2010	0.025										Electricity			
Education		Aorangi School	3-13 Gem Street,				2009											Electricity			
Education	P810200	Aorere College	Rotorua Portage Road, Papatoetoe, Manukau, Auckland	RENDAMAX R30			2007	0.613	Hot Water		1			0.248265			75	LPG/Butan e			
Education		Appleby School	Moutere Highway Richmond 7081	Taylors	Hoval SR150	Diesel boiler	2001	0.16										Diesel			
			recimona 7001			COLICI															

Education		Arakura School	NO BOILER													NB			
Education		Aranui High School	Shortland Street, TAYL Aranui, Christchurch	OR	Watertube 1995														
Education		Arapohue School	NO BOILER													NB			
Education		Ardgowan School	NO BOILER													NB			
Education		Arohanui Special School	82 Tirimoana Road, Te Atatu South													No data			
Education		Arthur Burns School	Doon St Mosgiel Dunedin													Coal			
Education		Arthur Miller School	NO BOILER													NB			
Education		Arthur Street School	NO BOILER		2008											Electricity			
Education		Asburton Intermediate	144 Cass St. AQUA Ashburton M YG		horizontal 2002 smoke tube	0.5	Hot Water	5				0.375			85	Oil/Diesel			
Education		Auckland Point School	111 Haven Road,		Firetube 1990		Hot Water												
Education	P802100	Avondale Primary School	Nelson Crayford Street West TAYL Avondale Auckland 1026	OR	Watertube 1988	0.186	0.037					0.1116			72	coal blend CPI			
Education	P802100	Avondale Primary School	Crayford Street West Avondale Auckland 1026	ON	1988		Hot Water									Coal			
Education		Avonhead School	55 Avonhead Road, Ecofla Christchurch Single	me Stage	Watertube 2000	0.175	Hot Water 0.5	10				0.056			80	Oil/Diesel			
Education		Avonhead School	55 Avonhead Road, Ecofla Christchurch diesel Hoval	ooiler -	Watertube 05/25/1999		Hot Water	78		5	99		Yes		75	Diesel	Litres		
Education		Avonside Girls' High School	NO BOILER													NB			
Education		Awamoa School	Awamoa Rd Oamaru													Coal 2?	tonnes		
Education		Bailey Road School	Bailey Road, Mt RADC Wellington Auckland	0	Segment 1965 Jacket	0.33	Hot Water					0.1188			75	Coal			
Education	P810200	Bairds Mainfreight Primar	y Edward Avenue, Otara, Auckland		2010	0.006										All electricity			
Education		Balaclava School	2 Mercer Street, Dunedin			0.271										Coal 24	? tonnes		
Education		Balaclava School	2 Mercer Street, Dunedin		Firetube		Hot Water 0.25		0.04	5	160		Yes	0.04	130	Coal Ohai peas	Tonnes		
Education		Balmacewen Intermediate	44 Chapman Street, Maori Hill Dunedin HEAT 9010 4807	IAC PAK	Watertube 2005	0.45	Hot Water	4.4							85	coal 50/50 mix - OHAI and KAITANG ATA pea coal			

Education		Banks Avenue School	91 Banks Avenue, Christchurch	HOVAL	1999	0.225			0.09	80	Oil/Diesel			
Education		Barnardos New Zealand	12 Slater Street,		2009						Electricity			
Education		Barnardos New Zealand	Christchurch 12 Slater Street,		2010						Electricity			
			Christchurch											
Education		Barrytown School	NO BOILER								NB			
Education		Barton Rural School	NO BOILER								NB			
Education		Baverstock Oaks School	NO BOILER								NB			
Education	P810200	Bay of Islands College	1-9 Derrick Road,								Gas/Diesel			
Education	P810200	Bay of Islands College	Kawakawa 1-9 Derrick Road,								Electricity			
			Kawakawa		2005							200		
Education Education		Bayfield High School Bayfield High School	Shore St Dunedin Shore St Dunedin		2006 2006							37? 37?	tonnes tonnes	
Education	P802100	Bayswater Primary School	I 186 Bayswater Avenue, Belmont											
Education		Bayswater School	186 Bayswater Avenue, Belmont	NU WAY automatic	Waterwall		Hot Water			60	Oil/Diesel			
			,	diesel burner										
				Model 112D type B										
Education	P802100	Bayview Primary School	Glenfield, North		Watertube 1979	0.235	Hot Water	0.6	0.059925	80	Coal			
			Shore City. Auckland	i										
Education	P802100	Daach Harran Daimann	Tramway Road,	EEDBOLI	water 2000	0.124	Hot Water		0.02635	76	Coo			
Education	P802100	Beach Haven Primary School	Beach Haven, North	FERROLI	jacket 2000	0.124	Hot water		0.02033	76	Gas			
			Shore City											
Education		Beachlands School	18 Bell Rd Beachlands,	NO BOILER							Electricity (heat			
			Manukau City, Auckland 2018								pumps)			
			Auckand 2018											
		D. K G. L			D 2000			2.5	0.005		0.150			
Education		Belfast School	700 Main North Road, Christchurch	HOVAL	Reverse 2000 Flame Fire	0.3	Hot Water	2.5	0.225	90	Oil/Diesel			
					Tube									
Education		Belfast School	700 Main North								Diesel			
			Road, Christchurch											
Education		Belfast School	700 Main North								Electricity			
			Road, Christchurch											
Education		Bellevue School	20 Princess Road,								Natural gas			
			Tauranga											
Education		Bellevue School	20 Princess Road,				Air				Electricity			
			Tauranga				Conditionin g Units x9							
		n.i	257.0 1.0											
Education		Belmont Christian Academy	357 South Road Hawera								Natural gas			
Education		Belmont Contributing - Lower Hutt	NO BOILER		2008						Electricity			
Education	P802100	Belmont Primary School		HEATSERVE	Watertube 1956		Hot Water	2.41		65	/ gas coal OHAI			
			Belmont, North Shore City, Auckland								PEAS			
			onore City, Auckland											
Education		Belmont School (Lower	NO BOILER		2008						electricity /			
		Hutt)									gas			

Education		Berhampore School	NO BOILER									NB		
Education		Bethlehem Community Pre School Inc.	- NO BOILER									Electricity		
Education		Birchwood School	15 Durham Street, Nelson									Diesel		
Education		Birchwood School	15 Durham Street, Nelson									Electricity		
Education		Birdwood School	23 Karepo Crescent, Ranui, Waitakere City, Auckland	BEACON		Watertube 1983	0.165	Hot Water	2	0.0858	60	Coal		
Education		Birkenhead College	140 Birkdale Road, Birkenhead, Auckland			2003	0.75					Natural gas		
Education		Birkenhead College	140 Birkdale Road, Birkenhead, Auckland			1996	0.5					Natural gas		
Education	P810200	Birkenhead College	140 Birkdale Road, Birkenhead, Auckland	YGNIS		Watertube 2003		Hot Water	2.8		80	Gas		
Education	P810200	Bishop Viard College	20 Kenepuru Drive, Porirua									Natural gas		
Education		Bishopdale School	NO BOILER									Electricity		
Education		Blaketown School	NO BOILER									Electricity		
Education	P802100	Bledisloe Primary School	30A Meeanee Road, Napier				0.007					Electricity		
Education		Bombay School	35 Paparata Road, Bombay 2675 Auckland			Watertube 1949	0.1	Hot Water		0.027	84	Coal		
Education	P810200	Botany Downs Secondary College	575 Chapel Road, Manukau Auckland 2016	AQUATHER M YGNIS		2002	0.95		5		80	Gas		
Education	P802100	Boulcott Primary School	21 Boulcott Street, Boulcott 5010 Lower Hutt			1998			4		70	Gas		
Education		Box Hill Kids	35 Box Hill, Khandallah, Wellington									Electricity		
Education		Bradford School	42A Bradford Sreet, Bardford, Dunedin	ROBIN HOOD		Watertube 1955	0.094	Hot Water		0.05922	80	Coal		
Education		Brandon Intermediate	32 Driver Crescent, Porirua	Aquatherm YGNIS	AY400	Firetube	0.4							
Education		Branston Intermediate	35 Amyes Road, Hornby 8042 Christchurch	AQUATHER M YGNIS		Firetube 2001	0.3		5	0.102	70	Oil/Diesel		
Education		Branston Intermediate	35 Amyes Road, Christchurch			Firetube 1971								

Education		Breens Intermediate School	ol 85 Breens Road, AQUATHI Bishopdale, M YGNIS Christchurch 8051	IER S	Watertube 2008	0.6	Hot Water	7.5		0.336	70	Oil/Diesel		
Education		Bridge Pa School	Bridge PA, Hawkes NO BOILE Bay	ER	2008							Electricity		
Education		Brighton School	Christchurch HEATSER	RVE	1980			2.4				coal OHAI PEAS		
Education		Brightwater School	106 Ellis Street, AQUATHI Brightwater, Nelson M YGNIS 7022		Watertube 1999			2			70	Oil/Diesel		
Education		Broadgreen Intermediate	193 Nayland Road, Hoval Boile Stoke, Nelson	ler 191	Firetube 1999	0.5								
		Broadgreen Intermediate	Stoke, Nelson									Diesel	litres	
Education		Broadwood Area School Manganuiowae	1041 Broadwood Rd. AQUATHI Broadwood, North M YGNIS Hokianga	ER S	Watertube 2005	0.25	Hot Water	5		0.06125		Oil/Diesel		
		Brockville School	Brockville Rd Dunedin			0.19						Coal 17?	tonnes	
Education	P802100	Brookfield Primary Schoo	20 Millers Rd HEATSER Brookfiled, Tauranga 3110	RVE	Watertube 1979	0.175	Hot Water	2.47		0.0665		coal OHAI PEAS		
Education		Bruce Mclaren Intermediate	61-69 Bruce Mclaren CUDDON Road, Henderson, Auckland	ī	Watertube		Hot Water				50	coal OHAI PEAS		
Education		Bruce Mclaren Intermediate	61-69 Bruce Mclaren Road, Henderson, Auckland											
Education		Brunswick School	15 Campbell RD1, Whanganui									Electricity		
Education		Bucklands Beach School	247 Bucklands AQUATHI Beach Road M YGNIS Bucklands Beach, Manukau City, Auckland	ER S	Waterwall	0.25	Hot Water	5	8 130			Gas		
Education		Buller High School	33-39 Derby Street TAYLOR Westport 7866		Watertube						65	COAL HEAPY PEAS		
Education		Bulls School	200 Bridge St. Bulls									Electricity		
Education		Bulls School	200 Bridge St. Bulls									Natural gas		
Education		Burnham										Electricity		
Education		Burnside High School	151 Greers Road, TAYLOR Burnside, Christchurch 8053		Firetube 1998	0.9	Hot Water				78	Oil/Diesel		
Education		Burnside High School	151 Greers Road, TAYLOR Burnside, Christchurch 8053		Firetube 1997	0.9	Hot Water				78	Oil/Diesel		

Education	P802100	Burnside Primary School	96 Memorial YGNIS Avenue, Fendalton, Switzerland Burnside	No data	Hit water 2000	0.25	Hot water				Diesel 6000 liters Liters	
Education		Burwood	255 New Brighton Road, Christchurch		2010	0.75					Electricity	
Education		Burwood	255 New Brighton Road, Christchurch		Watertube 2000	0.15					Oil	
		Burwood School	255 New Brighton HOVAL Road, Christchurch		Watertube 2004	0.15	Hot Water		0.081	80	Oil/Diesel	
Education		Canvastown School	Main Road, Canvastown,								Electricity	
Education	P810200	Carmel College	Havelock 114 Shakespeare Rd, Milford		2008						Eletricity	
Education	P810200	Carmel College	114 Shakespeare Rd, Milford		1983						Natural gas	
Education	P810200	Carmel College	114 Shakespeare Rd, Milford		2004						Eletricity	
Education	P810200	Carmel College	114 Shakespeare Rd, Milford		2006						Electricity	
Education		Casa Nova	Harlech St Oamaru								Coal 17? tonnes	
Education		Cashmere High School	Rose Street, Hamilton Somerfield, Heatpak Christchurch 8024 Taylors clone		Watertube 1970	0.63			0.4095	80	coal blend CPI	
Education	P802100	Caversham Primary School	ol 217 South Road, BRITANNIA Caversham, Dunedin No.37 9012		Waterwall 1907	0.15	Hot Water		0.053625	80	coal OHAI PEAS	
Education		Centennial Park School	50 Te Kuiti Road, Te Kuiti., Waitomo		No Boiler - 2008 Heatpump s							
Education	P810200	Central Hawkes Bay College	Tavistock Road, Waipukurau, Hawkes Bay		No Boiler - 2008 Heatpump s							
Education	P810200	Central Hawke's Bay College	Tavistock Road, Waipukurau, Hawkes Bay			0.88					LPG/Butan e	
Education		Central New Brighton School	Seaview Road, New (TAYLOR 78) Brighton, - taymac Christchurch Heatpak HP2405		Watertube 1982	0.3	Hot Water	1	0.12	40	Wood Pellets	
Education		Central Normal School	210 Featherston AQUATHER Street Takaro 4410 M Palmerston North		1988	0.3		5	0.108	67	Gas	
Education		Central School	NO BOILER								NB	
Education		CHARTWELL School	NO BOILER		2008						Electricity	
Education		CHAUCER School	Blockhouse Bay, Auckland		Watertube 2000		0.0233	4.5			coal OHAI PEAS	
Education		Cheltenham School	NO BOILER								NB	
Education		Christ the King School	92 Greers Road, Christchurch								Electricity	

Education		Christchurch Adventist School	15 Grants Road Papanui		Watertube 1985	5 0.1						Electricity		
Education		Christchurch Adventist School	15 Grants Road Papanui		2006	6 0.1						Electricity		
Education		Christchurch Boys High School	Christchurch	COATES (ELECTRIC)	1990	0 0.2	9		3	0.18125	66	Electricity		
Education		Christchurch East School	NO BOILER		2008	8						Electricity		
Education		Christchurch South Intermediate School	204 Selwyn Street, Sydenham 8024 Christchurch	Hamilton Heatpak Taylors clone	Watertube 1996	6 0.2	33	Hot Water	2	0.15145	70	Coal		
Education		Churchill Park School	Kinsale Avenue, Glendowie Auckland	Northvale ECO d Ambassador A100	condensin 2001 g boiler			Hot Water		0.0275	70	LPG/Butan e		
Education		Churchill Park School	Kinsale Avenue, Glendowie Auckland	d	02/0	01/2007 0.1						LPG		
Education		CHURTON School	Burmah St. Aramohu, Whanganui	HOVAL	1976	6 0.6			0.25	0.24	80	Gas		
Education		CLARKEVILLE School	CLARKVILLE School	NO BOILER	2008	8						electricity		
Education			CLAYTON Park School		2007	7						electricity		
Education		CLENDON Park School		d NO BOILER								electricity		
Education	P802100	Clevedon Primary School	13 North Rd, Clevedon											
Education Education		Clifton Terrace School Cloverlea School	888 Atawhai Drive Nelson 55 Herbert Avenue, Palmerston North	BOAG	Waterwall 1975	5 0.2						Diesel 2000)? litres	
Education	P802100	Clyde Primary School	NO BOILER									NB		
Education		Clyde Quay School	NO BOILER									NB		
Education Education		Cobham School Cocklebay School	Gisborne NO BOILER	RADCO	1962 2008				2	0.1925		Coal Electricity		
Education		Coley Street School	COLEY STREET School		2008							Electricity		
Education		College St School	College St Dunedin			0.0						Coal 9?	tonnes	
Education		Collingwood Area School	Lewis Street, Collingwood	HEATPAK	Waterwall 1983	3 0.3	6	Hot Water		0.225	80	Coal		
Education Education	P810200	Columba College Conifer Grove School	Dunedin Papakura, Auckland	BEACON	not sure 1980	0 0.1	65	Hot Water	2	0.0433125	65	LPG coal OHAI		
				HEATER 185		. 5.1			-			PEAS		
Education		Coromandel Area School	COROMANDEL AREA School	TAYLOR	Watertube 2006	6		Hot Water	3			coal OHAI PEAS		
Education		Corstorphine School	Dunedin	BRITANNIA No.37	2008	8					80	Coal		
Education	P802100	Cotswold Primary School	Bishopdale, Christchurch	YGNIS AQUATHER M	Watertube 2008	8 0.2	5		0.6	0.129375	55	light oil		
Education	P810200	Cromwell College	9 Barry Avenue, Cromwell									coal Ohai Peas		
Education	P810200	Cromwell College	9 Barry Avenue, Cromwell									Diesel		

Education	P810200	Cromwell College	9 Barry Avenue, Cromwell											Electricity	
Education	P802100	Cromwell Primary School	Cromwell Primary School, Molyneux Avenue	NZ Premier	No model number on plant	1950s									
Education	P802100	Cromwell Primary School	NO BOILER											NB	
Education	P810200	CULLINANE COLLEGE	St John's Hill, Whanganui			No Boiler - electrical and gas heating									
Education		DANNEVIRKE HIGH School	DANNEVIRKE	Gordon Products Ltd. Blenheim		Watertube 1967		Hot Water						Oil/Diesel	
Education		Darfield High School	McLaughlins Road, Darfield	Taymac	HP3608	Waterwall 2000	0.47	Hot water		3		Yes	95		
Education	P802100	DARFIELD PRIMARY School	NO BOILER											Electricity	
Education		Dargaville High School	NO BOILER											NB	
Education		DAVID HENRY School	Tokoroa	YGNIS		1982	0.15	Hot Water			0.054		70	Gas	
Education		DAVID STREET School	Morrinsville			No Boiler - 2008 Heatpump s									
Education		Devon Intermediate	Devon Street West, New Plymouth											Natural gas	
Education		Devon Intermediate	Devon Street West, New Plymouth											Electricity	
Education		DIAMOND HARBOUR School	DIAMOND HARBOUR	TAYMAC SR175		Waterwall 2002		Hot Water	4.5				72	Oil/Diesel	
Education		Discovery PreSchool Ltd	3 Waldie Grove, Lower Hutt											Electricity	
Education	P802100	DON BUCK PRIMARY School	MASSEY, Auckland	I BEACON 104		cross tube 1981 vertical baler			2				75	Coal	
Education		Don Buck School	NO BOILER											NB	
Education	P802100	DONOVAN PRIMARY School	Invercargill	HAMILTON		Waterwall 1975		Hot Water					60	coal OHAI PEAS	
Education		Dunedin North Intermediate School	North Rd Dunedin				0.43							Coal 37? tonnes	
Education		Dunedin North Intermediate School	34 North Road, Dunedin			1995 or ol	lder							Kai Point coal	
Education		Duvauchelle School	NO BOILER											NB	
Education		East Otago High School	3 Stour Street Palmerston Otago 9430	TAYMAC		Watertube 2006	2.4	Hot Water	7.5		1.92		60	COAL - New Vale Peas 25	
Education		EAST TAIERI School	Mosgiel	BEECROFT		Watertube 2004	0.1	Hot Water	3		0.06		80	coal OHAI PEAS	
Education		EAST TAMAKI School	Otara, Auckland	FERROLI		2002	0.102	Hot Water			0.02601		78	Gas	
Education		EASTERN HUTT School	Lower Hutt			No Boiler - 2008 gas heaters									
Education		Eastern Hutt School	NO BOILER											NB	

Part	04 70 Coal	0.07	2.4	Hot Water	0.176	Watertube 1974		HEATSERVE	Hastings	EBBETT Park School		Education
Part					0.176	Watertube 1980	HSV60	Heatserv		Ebbett Park School		Education
State Part State												
Record R								M YGNIS	Auckland	School		
Part	3 75 Coal	0.25	2	Hot Water	0.645	Waterwall 1993			EDGECUMBE	EDGECUMBE COLLEGE	P810200	Education
Part	335 75 Coal	0.04	3	Hot Water	0.17	Watertube		CUDDON	EDGECUMBE		P802100	Education
Secret Color	125 76 Coal	0.13	4.5	Hot Water	0.5	Watertube 1947		HEATPAK		EDMONTON PRIMARY	P802100	Education
Part	1 Coal	0.09	7	Hot Water	0.17	Watertube 1972		CUDDON		EDMUND HILLARY		Education
Education PSIGNO BLEENBERG COLLEGE Levino TAYMAC Waterwall 2007 0.53 Hot Water 4.4 0.4075 0.4075 0.4075 0.6076 Decision Clevinor College Decision Decisio										Education		
Hard												Education
Education P31020 Elemente College Dumandel Road Lection Lection P31020 Elemente College Dumandel Road Lection Lection P31020 Elemente College Dumandel Road Lection P31020 Range College Dumandel Road Lection P31020 Range College Dumandel Road Range College	Blended Giles Creek	0.40	4.4	Hot Water	0.53	Waterwall 2007		HEATPAK	Leeston	ELLESMERE COLLEGE	P810200	Education
Education P81020 Elleumer Colege Leceton Calcantion P81020 Elleumer Colege Leceton Calcantion P81020 ELMGROVE School Morgiel CRANS MUITIFIALL No. 5 SECTIONAL BOULE SECTIONAL SECT	Electricity									Ellesmere College	P810200	Education
Education Fallocation Fa												
Education ELMGROVE School Mosgiel CRANE Waterwall 1963 Hot Water Waterwall 1963 Hot Water	Wood nullets									Ellesmere College	P810200	Education
Education Fallow	ршко								Lecsion			
Education E. M. E.	80 Coal			Hot Water		Waterwall 1963			Mosgiel	ELMGROVE School		Education
Education								No.26 SECTIONAL				
Education Education School Scho	Electricity								NO BOILER	ELMPark School		Education
School 1023 AQUATHER 11 11 12 13 14 15 15 15 15 15 15 15	142 light oil	0.07		0.025	0.213	Watertube 2002		RG5D 12	Nelson	ENNER GLYNN School		Education
Education P81020 Fairburn School P81020	7 23 Gas	0.62	5	Hot Water	0.95	Watertube 1995		YGNIS	Silver Road, Epsom	Epsom Girls Grammar		Education
School Epsom Auckland 1023 1024 1024 1025 10												
Fairburn School Otahuhu, Auckland AQUATHER 1998 0.3 5 0.0735 Gas					0.3	Other 1997	AY300	Ygnis	Epsom Auckland			Education
Education P810200 Fairburn School Fairburn School 10 Aquatherm AY300 1998 0.3 Pulceora Rd Otahuhu YGNS Ancklumd Faducation P810200 Fairfield College Bankwood Road, 1992 0.75 Natural gas	35 Gas	0.07	5		0.3	1998		AQUATHER M YGNIS		FAIRBURN School		Education
					0.3	1998	AY300	Aquatherm	Pukeora Rd Otahuhu	Fairburn School	P810200	Education
Hamiton	Natural gas				0.75	1992			Bankwood Road, Hamilton	Fairfield College	P810200	Education
Education P810200 Fairfield College Bankwood Road, 2004 0.6 Natural gas Hamilton	Natural gas				0.6	2004				Fairfield College	P810200	Education
difucation P810200 Fairfield College Bankwood Road, 1980'2 0.35 Natural gas Hamilton									Hamilton			
Education P810200 Fairfield College Bankwood Road, 2005 0.275 Natural gas Hamilton	Natural gas				0.275	2005				Fairfield College	P810200	Education
Education P810200 FAIRFIELD COLLEGE Fairfield, Energy condensin 2006 0.6 Hot Water 0.21 Gas School HAMILTON Products International	Gas	0.21		Hot Water	0.6			Products			P810200	Education
Education FAIRFIELD School Fairfield, BRITANNIA 1958 Hot Water 1.5 70 Coal HAMILTON No.37	70 Coal		1.5	Hot Water		1958				FAIRFIELD School		Education

Education		Fairfield School (Levin)	Macarthur Street, Levin	Robin Hood	CG 3/C 422	Watertube 1963								
Education		FAIRFIELD School LEVIN	LEVIN	ROBIN		Waterwall 1971		Hot Water			70	Gas		
Education	P802100	FAIRLIE PRIMARY School	FAIRLIE	HOOD RYLAND		1955					85	Coal		
Education	P802100	Falxmere Primary School	NO BOILER									NB		
m		D 0 1 1	ten a ni		DI VIACO	W. B 2000								
Education			16 Butley Drive, Pakuranga		BLU350	Waterwall 2008								
Education		FARM COVE INTERMEDIATE School	Pakuranga, Auckland	1 IVAR 290		Waterwall 2008	0.3	Hot Water	3	0.09	70	Gas		
Education		FAVONA School	Mangere, Manukau Auckland	HEATSERVE		Waterwall 1973	0.22	Hot Water		0.0561	80	HUNTLY PEA COAL		
Education	P802100	FEATHERSTON PRIMARY School	FEATHERSTON	TAYMAC		Watertube 1998		Hot Water	0.6		60	COAL		
Education		FERGUSSON INTERMEDIATE School	Trentham, UPPER HUTT	AQUATHER M		Watertube 1997	0.4	Hot Water	5	0.216	80	Gas		
Education		Fernbrook School	Redcastle Rd Oamar	u		Coal						Coal 6?	tonnes	
Education	P802100	Fernlea Primary School	25A Lees Grove, Wainuiomata			Boiler						Natural gas		
Education	P802100	Fernlea Primary School	25A Lees Grove, Wainuiomata									Electricity		
Education		FINLAYSON Park School	Manurewa, Auckland	d A&T Bumt Ltd VALE AUTOMATIC STOKER		Watertube 1980	0.3		2.6	0.05775		Coal		
Education	P810200	Fiordland College	4 Howden Street, Te Anau	:		Waterwall 1976	0.275					Coal Reefton		
Education	P802100	Firth Primary School	Station Road	Ygnis	unknown	Watertube	0.22					blend		
Education	P802100	FIRTH PRIMARY School	Matamata	AQUATHER		1999	0.2	Hot Water	5	0.08	65	Coal		
Education		Flanshaw Road School	51 Flanshaw Road,	M YGNIS								Coal		
Education		Flanshaw Road School	Te Atatu South 51 Flanshaw Road,									Huntly Peas Electricity		
Eddelion		Talishaw Roda School	Te Atatu South									Decarety		
Education	P810200	FLAXMERE COLLEGE	FLAXMERE	HAMILTON		Watertube 1977	0.1	Hot Water		0.032	70	Huntly pea coal		
Education		FLAXMERE School	FLAXMERE	CUDDON		Watertube 1968		Hot Water			50	coal OHAI PEAS		
Education Education		Forbury School Forest Education Centre	Oxford St Dunedin Forest Education	EASTEEL			0.47 4	Steam				Coal 40? Gas	tonnes	
Education		FOREST LAKE School	Centre FOREST LAKE	EAST EEL			+	Sicalli				Gas		
Education		Forfar Nursery &	School 82 Forfar St,									Electricity		
Education		PreSchool FORREST HILL School	Canterbury Forrest Hill, North	BEECROFT		Watertube 1980	0.165	Hot Water		0.0396	75	Coal		
			Shore									chips/fines		
Education		Fox Glacier School	NO BOILER									NB		
Education	P810200	FRANCIS DOUGLAS MEMORIAL COLLEGE	New Plymouth	HOVAL		Watertube 1982	0.4	Hot Water	3	3.2256	84	Gas		
Education		FREEVILLE School	NO BOILER			2008						electricity		
Education		FREYBERG HIGH School	Palmerston North	AQUATHER		Watertube 2008	0.77		4	0.462	75	Gas		
Education		George St Normal School	George St Dunedin	M			0.345					LFO 13?	tonnes	

Education		George St Normal School	George St Dunedin				0.05						Coal 6?	t	onnes		
Education		GERALDINE HIGH School	GERALDINE	HAMILTON		Watertube 1977	0.7	Hot Water	6.9	0.4375	80	D	Coal				
Education		Gilberthorpe School	163 Gilberthorpes Road Hei Hei Christchurch 8042	Tripass	TP 120	Watertube 1997	0.12										
Education		GISBORNE INTERMEDIATE School	NO BOILE										Electricity				
Education	P802100	GLADSTONE PRIMARY	Mt Albert Auckland	HAMILTON		Waterwall 1973		Hot Water			80	0	Coal				
Education		School GLENAVON School	Auckland	(TAYLOR 78)		Watertube 1991	0.125	Hot Water 0.125	4.4	0.046875			Coal				
				- taymac Heatpak HP2405			0.123	100 Water 0.125	7.7	0.040873			Coar				
Education Education		GLENBERVIE School GLENDENE School	Whangarei GLENDENE AUICKLAND	CUDDON		2008 Waterwall 1964		Hot Water			65		coal OHAI PEAS				
Education		Glendene School	60 Barrys Road, Glendene, Auckland										Lignite				
Education	P810200	GLENDOWIE COLLEGE		AQUATHER		not sure 1997		Hot Water	5		72	2	Gas				
Education	P802100	Glenfield Primary School	Auckland 101 Chivalry Road,	M YGNIS									Natural gas				
			Glenfield														
Education		GLENMOOR School	Mairehau, ChristchurchL	BRITANNIA No.37		1957		Hot Water			80	0	Coal				
Education		Glenorchy	NO BOILER										NB				
Education		Glentunnel School	NO BOILER					1985					Electricity				
Education		Glentunnel School	NO BOILER					2010					Electricity				
Education		Gordonton School	Woodlands Road, Gordonton, Hamilton	n		1999	0.15						Diesel				
Education		Gorge Road School	5 Factory Road Gorge Road, Invercargill				0.392						Diesel				
Education Education		Grants Braes School GRANTS BRAES School	Belford Street Dunedin	CRANE		Watertube 1955	0.13	Hot Water	3		80		Coal OHAI	? t	onnes		
				WHITEHALL No.26 SECTIONAL BOILER									PEAS				
Education		Green Bay High School	PO Box 80 002, Green Bay, Auckland		AY 750	2010	0.75										
Education		GREEN BAY HIGH School	Green Bay, Waitakere	HAMILTON		Waterwall 1967	0.7	Hot Water	5	0.2975	11	10	Coal				
Education		Green Island School	Dunedin	HEATPAK		Waterwall 1974	0.45	Hot Water			62		Coal 20 Coal	? t	onnes		
			Dunedin				0.177		2	0.04277							
Education Education		GREENACRES School Greenhithe	Tawa, WELLINGTON NO BOILER	YGNIS		1998	0.175	Hot Water	2	0.04375	70		Gas NB				
				DEAGON		W. t B. 1000	0.2	Hat Water	0.45	1.1502							
Education		GREY MAIN School	Greymouth	BEACON HEATER 2201		Waterwall 1999	0.3	Hot Water	0.45	1.1592	70		COAL - Blend 2				
Education		Greytown	East St. Greytown										Sub- bituminuos				
Education		Greytown	East St. Greytown										Electricity				

Education		Grovetown School	Vickerman Street Grovetown, Blemheim		Before 1997						Electricity	
Education		Grovetown School	Vickerman Street Grovetown, Blemheim		2000						Electricity	
Education		Halcombe School	30 Monteith Street, RD9								Electricity	
Education		Halfmoon Bay	Ayr Street, Halfmoon Bay, Stewart Island								Diesel	
		Halfway Bush School	Ashmore Street Dunedin			0.165					Coal 15? tonnes	
Education		Hamilton Boys High School	l 49 Peachgrove Road, YGr Hamilton	nis AY70	06/01/1993	0.75						
Education		HAMMERLEY Park School	Shirley, Christchurch HA	MILTON	Waterwall 1981		Hot Water	2		70	coal blend CPI	
Education		HAMMERLEY Park School	HAMMERLEY Park HOT School - BOILER B	VAL	Waterwall 1994		Hot Water	3		70	Oil/Diesel	
Education		Hampton Hill School	Rimu Street, Tawa			0.791					Diesel	
Education		Hampton Hill School	Rimu Street, Tawa			0.791					Diesel	
Education		HAMPTON HILL School	Tawa, PEN WELLINGTON CER	NSOTTI RVINA 60	Waterwall	0.0872	Hot Water	2	0.041856	65	Gas	
Education		Hapuku School	NO BOILER								NB	
Education		HASTINGS Central School	I HASTINGS HAP	MILTON	Watertube 2008		Hot Water			60	Coal	
Education		Haumoana School	NO BOILER								NB	
Education		Hautapu School	Cnr Forrest And Hautapu Roads, Cambridge								LPG	
Education		Hautapu School	Cnr Forrest And Hautapu Roads, Cambridge								Electricity	
Education	P802100	Havelock North Primary	NO BOILER								NB	
Education		Hawera High School	13 Camberwell Road, Hawera								Natural gas	
Education		Hawera High School	13 Camberwell Road, Hawera								Electricity	
Education	P802100	HAY Park PRIMARY School		ACON ATER 2327	Watertube 1978	0.165	Hot Water	1	0.0396	70	Huntly pea coal	
Education		HayPark School	NO BOILER								NB	
Education		Hedgehope	Hedgehope-Winton Highway, Invercargill								Electricity	
Education		HENDERSON NORTH School	HENDERSON BEA	ACON	Waterwall 1981	0.165	Hot Water	2	0.066		Coal	
Education		Henderson North School	RELEG		Watertube							
Education		HENDERSON VALLEY School	HENDERSON TAY VALLEY School	YLOR	Watertube 1989	0.125	Hot Water	4.4	0.040625	80	coal OHAI PEAS	
Education		HENLEY School	Richmond, NELSON HAP	MILTON	Waterwall 1968					80	Coal	
Education	P810200	HERETAUNGA COLLEGE	HERETAUNGA AQU UPPER HUTT M	UATHER	Watertube 1998		Hot Water	3		76	Gas	

Education		HIKURANGI School	HIKURANGI	Watertube 1958		Hot Water			60	COAL HEAPY PEAS	
Education		Hikursangi School	Swann Ave, Hikurangi, Northland	Waterwall 1950							
Education		Hilkrest High School	132 Masters Avenue Hamilton 3216	Other 2011	0.85					Natural gas	
Education		Hillcrest High School	132 Masters Avenue Hamilton 3216	Waterwall 1972	0.65					Coal Huntly peas	
Education		Hillcrest High School	132 Masters Avenue Hamilton 3216	Waterwall 1972	0.65					Coal Huntly peas	
Education		Hillcrest Normal School	218 Cambridge Road, Hamilton	Watertube 1993						Coal Huntly peas	
Education		Hillmorton High School	Tankerville Road TRIWAY Barrington Christchurch 8244	Watertube 1996	0.9	Hot Water		0.945	85	Coal	
Education Education	P802100	HILLMORTON HIGH School Hillsborough Primary School	HILLMORTON HAMILTON HIGH School - 2 HILLSBOROUGH PRIMARY	Watertube 1968 No Boiler - 2008 gas heaters	0.45	Hot Water		0.4725	85	Coal	
Education		Hillview Christian	150 Wilsons Rd. Christchurch	1991						Electricity	
Education		Hillview Christian	150 Wilsons Rd. Christchurch	2001						Electricity	
Education		Hillview Christian	150 Wilsons Rd. Christchurch	2006						Electricity	
Education		HINUERA School	Matamata FERROLI	2005	0.07	Hot Water		0.0315	75	Oil/Diesel	
Education Education	P802100	Hinuera School Hokitika Primary School	NO BOILER NO BOILER							NB NB	
Education		HOKITIKI School	NO BOILER	2008						Electricity	
Education Education		HORA HORA School Hornby High School	HORA HORA 180 Waterloo Road, TRIPASS GO Hornby, 1200P Christchurch	2008 1998	1.41	Hot Water	4.5		60	Oil/Diesel	
Education		Horohoro School	69 Apirana Road, Rotorua							Electricity	
Education	P810200	Horowhenua College		3 Watertube							
Education		Horsham Downs School	NO BOILER							NB	
Education		HUIA RANGE School	NO BOILER	2008						Electricity / gas	
Education		Hurleyville School	941 Ball Road RD2, Patea	2008						Electricity	
Education		Hurleyville School	NO BOILER							NB	
Education		HUTT VALLEY HIGH School	HUTT VALLEY AQUATHER LOWER HUTT M YGNIS	Firetube 1989	0.7				80	Gas	
Education		HUTT VALLEY HIGH School	HUTT VALLEY LOWER HUTT	Firetube 1989	0.7				80	Gas	

Education		ILAM School	ILAM Christchurch	AQUATHER M YGNIS	1	Waterwall 2001	0.15	Hot Water	5	0.1044	80	Oil/Diesel				
Education		Ilminster Intermediate	De Lautour Rd, Gisbourne									Electricity				
Education		INGLEWOOD HIGH School	INGLEWOOD	WEISHAMPT	١	Watertube 1981		Hot Water	3.5		70	Gas				
Education		Invercargill Middle School	31 Jed Street, Invercargill									Lignite				
Education		Invercargill Middle School	_									Electricity				
Education	P810200	IONA COLLEGE	IONA COLLEGE	YGNIS	1	Waterwall 2008	0.4		1.7	1.344	70	Gas				
Education		Jade Star Dunedin (early	214/216 South Rd			Before 200-	4					Electricity				
		Childhood centre)	Caversham, Dunedin	in												
Education		Jade Star Dunedin (early Childhood centre)	214/216 South Rd Caversham, Dunedii	in		2008						Electricity				
Education		Jade Star Dunedin (early Childhood centre)	214/216 South Rd Caversham, Dunedin	in		2008						Electricity				
Education		Jean Batten School	6 Imrie Avenue, Mangere		١	Watertube 05/20/2005						Natural gas				
Education		Johnsonville School	Morgan Street, Johnsonville									Natural gas				
Education		Johnsonville School	Morgan Street, Johnsonville									Electricity				
Education		Just Kidz Educare	NO BOILER									NB				
Education	P802100	Kaeo Primary School	NO BOILER									NB				
Education		Kaharoa School	NO BOILER									NB				
n) d		W A LANDAY DODGA LIGHT	W. LLI DOL	THE OP		W 1 4004	0.0	T. W.		0.016	70					
Education		KAIAPOI BOROUGH School	KAIAPOI	TAYLOR		Watertube 1991	0.3	Hot Water	1.5	0.216	70	Coal				
Education		KAIAPOI HIGH School	KAIKOURA	TAYMAC HAMILTON HEAT PONY	`	Waterwall 1980	0.48	Hot Water	0.5	0.6912	60	COAL HEAPY PEAS				
Education		KAIAPOI HIGH School	KAIAPOI	TAYLOR	1	Watertube 2000		Hot Water			80	COAL HEAPY PEAS				
Education		KAIHU VALLEY School	KAIHU VALLEY Dargaville	RADCO	,	Waterwall 1975		Hot Water			70	Coal				
Education		KAIKOHE WEST School	KAIKOHE		I	No Boiler - Heatpump s										
Education	P802100	Kaikorai Primary School	Tyne Street Dunedin	n			0.25					Coal	22?	tonnes		
Education	P802100	KAIKORAI PRIMARY School	Roslyn, Dunedin	HAMILTON HEATPAK	١	Waterwall 2003		Hot Water	2.5		82	coal OHAI PEAS				
Education	P810200	Kaikorai Valley College	Kaikorai Valley Roa	id Heatpak		1996	1.02					Coal	38?	tonnes		
Education	P802100	KAITAIA PRIMARY	Dunedin NO BOILER									electricity				
Education		School KAITANGATA School	KAITANGATA	CRANE WHITEHALL No.26 SECTIONAL BOILER	,	Waterwall 1968		Hot Water			70	Coal				
Education Education		Kaitao Middle School Kaiwaka School	NO BOILER 336 Mangawhai Rd. Kaiwaka	-9								NB Coal Huntly peas				

Profession Pro	Education		Kakatahi	4315 Parapara Road RD 3, Whanganui	,										Reject wood,	
Mile															LVL,	
Part																
Surgion Surg				-			0.132	Hot Water	2.4			0.0726		50		
Material	Education	P802100	KAPITI PRIMARY School	ol Paraparaumu	CERVIVIA	1995									Gas	
Reduction Renormal State Renormal St	Education		Karapiro School	NO BOILER											NB	
Marie Name Kord Marie Name Marie Marie Name Marie Marie Name Marie	Education		Karori Normal School			Watertube									Natural gas	
Februation Control C	Education		Karori Normal School	129 Makara Rd.,		2008									Electricity	
Marie National National Marie	Education		Kawerau North School		ı	2001									Natural gas	
MANEAU SOUTE MANEAU SOUTE MANEAU SOUTE MANIE NO Materials 1963 0.16 Het Water 0.66 SO Cod	Education		Kawerau North School	Galway St. Kawerau	ı	2003										
Education Res Sever Specialis School	Education			KAUERAU	HAMILTON	Watertube 1963	0.16	Hot Water				0.06		80		
Education Kedgky Intermediate No BOILER 2001 beat pumps cketricity Education P802100 KETH STREET PRIMARY School BOOLER 2001 beat pumps cketricity Education Rebun Normal School Ic Koroba Rel Weilington Waterube 1955 Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal School Ic Koroba Rel Weilington Waterward School Rebun Normal Rebun Nor	Education		Kea Street Specialist	NO BOILER											NB	
Education Kedgley Intermediate No BOILER 2011 beat pumps dectricity Education P802100 KEJTH STREET PRIMARY School 16 Korbular RJ, Waterus 1955 Blow Waterus																
Ackland Kedgby Intermediate No BOILER 2001 heat pumps Hot Water PRIMARY School KeDurn Normal School Keburn Normal School Ke	Education		Kedgley Intermediate	Manukau City			0.12			2.5	60	:	,		Coal	
Education P802100 KEITH STREET Whangamii ROBIN HOOD Watertube 1955 Hot Water 6.5 Coal PEIMARY School Robbins of the Committee of the Coal PEIMARY School Robbins of the Coal PEIMARY School Rob	Education		Kedgley Intermediate	181-185 Portage Rd. Auckland		1958										
FRIMARY School Kelbum Normal School S2 Takic Crescent, Lower Hutt Lower Hutt KELSTON DEAP Education KELSTON DEAP EDUCATION CENTRE Aukhand YGNIS Watertube Watertube Watertube Watertube Watertube Kelston, Markande, ALLEN Kelston, Markande, ALLEN Kelston, Markande, ALLEN YGNIS Watertube Watertube Kelston, Markande, Allen Kelston, Markande, Allen Watertube Watertube Kelston, Markande, Kelston, Aukkland Kelston, Au	Education		Kedgley Intermediate	NO BOILER		2001		heat pumps							electricity	
PRIMARY School Reburn Normal S	Education	P802100	KEITH STREET	Whanganui	ROBIN	Watertube 1955		Hot Water						65	Coal	
Education Kebun Normal School 16 Kowhai Rd, Wellington Education Kekon School 52 Takei Crescent, Lower Hutt Education KELSTON DEAF EDUCATION CENTRE Auckland YOSIS Education Kekton Intermediate School Kelston, Auckland School Release School Release School Release School Release School Auckland Road, Kelston, Auckland Road, Relston, Auckland Road, Kelston, Auckland Road, Kelston, Auckland Road, Kelston, Auckland Road, Relston, Road, Roa	Education			16 Kowhai Rd,	HOOD	Waterwall										
Education Kelson School 52 Taiei Crescent, Lower Hutt Education KELSTON DEAF Education KELSTON DEAF School Watakere, ALLEN Auckland YGNIS Education Kelston Intermediate School Kelston, Auckland Kelston, Auckl																
Lower Hut Education KELSTON DEAF EDUCATION CENTRE Education Kekton Intermediate School Relation Auckland Watertube Watertube Watertube Watertube Watertube Education Kekton Intermediate School Relation, Auckland Keston, Auckland Watertube Education Kekton Intermediate School Relation, Auckland Keston, Auckland Watertube Education Relation, Auckland Watertube Education Relation, Auckland Education Relation,	Education		Kelburn Normal School												Electricity	
Education Kelston Intermediate School Kelston, Auckland YGNIS Education Kelston Intermediate School Kelston, Auckland Vanguard Road, Kelston, Auckland Diesel Education Kelston Intermediate School Kelston, Auckland Education Kelston, Auckland Education Kelston, Auckland College School Kelston, Auckland College School Kelston, Auckland College School College Schoo	Education		Kelson School													
School Kebston, Auckland Education Kebston Intermediate Vanguard Road, School Kebston, Auckland Education Kebston, Auckland	Education			Kelston, Waitakere, Auckland	ALLEN YGNIS	Firetube 1983	0.3	Hot Water	0.6			0.294		70	Gas	
Education Kelston Intermediate Vanguard Road, School Kelston, Auckland	Education					Watertube									Diesel	
School Kelston, Auckland	Education														Electricity	
	Eddelion														Liceanay	
Education P802100 KELSTON PRIMARY Kelston, Waitakere, (TAYLOR 78) 1989 0.12 4.4 0.036 Gas School Auckland - taymac Heatpak HP2405	Education	P802100	KELSTON PRIMARY School		- taymac Heatpak	1989	0.12		4.4			0.036			Gas	
Education KELVIN ROAD School Papakura, Auckland Gyro Heating 1968 Hot Water 80 coal OHAI PEAS	Education		KELVIN ROAD School	Papakura, Auckland	Gyro Heating Ltd	1968		Hot Water						80		
Education Kendal NO BOILER 2007 0.65 Electricity	Education		Kendal			2007	0.65								Electricity	
Education Kendal 53 Kendal Ave. Waterwall 05/01/2008 0.16 Wood Christchurch Waterwall 05/01/2008 0.16 Wood (Wood pellets)	Education		Kendal			Waterwall 05/01/2008	0.16								waste (Wood	
Education Kennure Intermediate Kaikorai Valley Road 0.085 Coal 40? tonnes School Dunedin	Education				i		0.085									

Education	1	Kids Connection Daycare Ltd	33 Andrew Baxter Drive, Airport Oaks, Mangere South	04/01/2007						Electricity	
Education	1	Kids.Com.Educare Limited	l 16 Lisa Cres Western Heights							Wood waste	
Education	1	Kids.Com.Educare Limited	1 16 Lisa Cres Western Heights							Electricity	
Education	1	Kids.Com.Educare Limited	1 16 Lisa Cres Western Heights							Electricity	
Education	1	Kidz Unlimited	NO BOILER							NB	
Education	1	KIHIKIHI School	KIHIKIHI HEATSERVE	Watertube 1980	0.174	Hot Water	2.4	0.09396	92	coal OHAI PEAS	
Education	n	KIMIHIA School	Huntly H&P	Waterwall 1965		Hot Water			700	COAL HEAPY PEAS	
Education	1	Kings High School	Bay View Road Dunedin		1.552					Coal 68? For 2 tonnes boilers	
Education Education		Kings High School Kings High School	Bay View Road Dunedin 270 Bayview Road, Dunedin	Watertube	0.827					Coal	
Education	p802100	KINGSFORD PRIMARY School	Mangere, Auckland	Watertube 1965		Hot Water	4.4			Coal	
Education	1	Kio Kio School	NO BOILER							NB	
Education	1	Kirikau School	Kirikau Valley Road, Kirikau. Taumaranui							Kent log fire (log wood)	
Education	1	Kirikau School	Kirikau Valley Road, Kirikau. Taumaranui							Electricity	
Education	1	Kiwi Clubhouse Learning Centre	25-29 Manawapou Road Hawera	2009	0.36					Natural gas	
Education	1	Kiwi Clubhouse Learning Centre	25-29 Manawapou Road Hawera	2009	0.36					Electricity	
Education	1	Knighton Normal School	Knighton Rd, , Hillcrest, Hamilton							Natural gas	
Education	1	Knighton Normal School	Knighton Rd, , Hillcrest, Hamilton							Electricity	
Education	n P810200	Knox College (Presbyterian Foundation Trust)	a Arden Street Dunedin		0.827	HW				Coal 360? tonnes	
Education	1	Kohia Terrace School	3 Kohia Terrace, Auckland							Natural gas	
Education	n P802100	Konini Primary School (Wainuiomata)	28 Konini Street, Wainuiomata							Natural gas	
Education	n P802100	Konini Primary School (Wainuiomata)	28 Konini Street, Wainuiomata							Natural gas	
Education	1	Koputaroa School	399 Koputaroa Road, Levin								
Education	1	Koputaroa School	399 Koputaroa Road, Levin								
Education	1	Koraunui School	17 Kairimu St, Stokes Valley, Lower Hutt	2006						Natural gas	
Education	1	Koraunui School	17 Kairimu St, Stokes Valley, Lower Hutt	2006-2010						Electricity	

Education		Koraunui School	17 Kairimu St, Stokes Valley, Lower Hutt	r		1992						Electricity		
Education		Korokoro School	NO BOILER									NB		
Education		KOWHAI INTERMEDIATE School	KOWHAI INTERMEDIATE School	TAYLOR		Watertube 1988		Hot Water	4.4		65	Coal		
Education	P810200	KURANUI COLLEGE	Greytown	TAYMAC		1993		Hot Water			75	Coal		
Education	P810200	Kuranui College	East St, Greytown.											
Education		Ladbrooks School	NO BOILER									NB		
Education		Leeston School	NO BOILER									NB		
Education		LEVIN NORTH School	LEVIN	AQUATHER		Firetube 1990	0.155	Hot Water	5	0.0775	85	Gas		
Education		LICHFIELD School	NO BOILER	M		2008						electricity		
Education	P802100	LIMEHILLS PRIMARY	LIMEHILLS	DOHERTY		Watertube 1978	0.8	Hot Water		0.288	60	coal OHAI		
		School										PEAS		
Education		Limehills School	8 Derby Road	Docherty		Watertube 1981								
Education		Lincoln Childcare & PreSchool	Ellesmere Junction Road, Lincoln, Christchurch			2007	0.7							
Education		Lincoln Childcare & PreSchool	Ellesmere Junction Road, Lincoln, Christchurch			1986								
Education		LINCOLN HEIGHTS	Massey, Auckland	TAYLOR		Watertube 1967		Hot Water	0.002		50	Coal		
Education		School LINDEN School	LINDEN PORIRUA			1996	0.1	Hot Water	5	0.072	90	Gas		
Education		Linton Country School	NO BOILER									NB		
Education		Linwood Intermediate School	7 Mclean Street Christchurch	Ygnis	AY400	Watertube 2008	0.4							
Education		LINWOOD INTERMEDIATE School	LINWOOD Christchurch	BRITANNIA LPHW		Waterwall 1956						COAL - REEFTON BLEND		
Education		Linwood North	221 Woodham Road Christchurch	l.								Electricity		
Education		Linwood North	221 Woodham Road Christchurch	L								Gas/Diesel		
Education		Logan Park High School	Butts Rd Dunedin									Coal 6	tonnes	
Education	P810200	Long Bay College	20 Ashley Avenue, Torbay			Waterwall 2005	1.139					Natural gas		
Education	P810200	Long Bay College	20 Ashley Avenue, Torbay			Waterwall 1997	0.737					Natural gas		
Education	P810200	Long Bay College	20 Ashley Avenue, Torbay			2005						Natural gas		
Education	P802100	LONG BAY PRIMARY School	LONG BAY	BEACON HEATER 185		Waterwall 1980		Hot Water	2		60	coal OHAI PEAS		
Education	P810200	LONGBURN ADVENTIST COLLEGE	NO BOILER			2008						Electricity / gas		

Education		LUCKNOW School	NO BOILER	2008						Electricity	
Education		Lyall Bay School	NO BOILER							NB	
Education		Lynfield College	191 White Swan Rd, Mount Roskill, Auckland	1997	0.791					Natural gas	
Education		Lynfield College	191 White Swan Rd, Mount Roskill, Auckland		0.58					Natural gas	
Education		Lynfield College	191 White Swan Rd, Mount Roskill, Auckland	2005	0.314					Natural gas	
Education	P802100	Lynmore Primary School	Iles Road, Lynmore, Lynton Downs	2008 Over 3	years					Electricity	
Education		Lyttelton Main School	34 Oxford Street, Lyttelton	2003	0.225					Diesel	
Education		Lyttelton Main School	34 Oxford Street, Lyttelton	>1999	0.12					Diesel	
Education		Lyttelton Main School	34 Oxford Street, Lyttelton							Electricity	
Education		LYTTLETON WEST School	No Boiler	2008						Electricity	
Education		Lytton High School	Nelson Road, Gisborne	2000	0.75	hot water heating				Natural gas	
Education		Lytton Street School	Lytton Street, Fielding	1995						Natural gas	
Education		Lytton Street School	Lytton Street, Fielding	2000						Electricity	
Education		MACANDREW BAY School	MACANDREW IDEAL K5 BAY Dunedin Model 2	1968	0.13	Hot Water	0.4	0.1794	75	Coal	
Education		Macandrew Bay School	488 Portobello Road, Macandrew Bay, Dundedin	Watertube 1971						Kai Point Coal	
Education		Macandrew Intermediate								Coal	
Education	P810200	MACLEANS COLLEGE	Bucklands Beach, TAYLOR Auckland	Watertube 1980	0.582	Hot Water	4.5	0.2328	80	Coal	
Education	P802100	Macleans Primary School	10 Wycherley Drive, Bucklands Beach	2009	0.136					Natural gas	
Education	P802100	MACLEANS PRIMARY School	Bucklands Beach, MCDONALD Auckland	Watertube 1974		Hot Water	1.1		70	Coal	
Education		Mahinawa Specialist School and Resource Centre		16/5/20	011 0.9					Natural gas	
Education	P802100	MAIREHAU PRIMARY School	NO BOILER	2008						Electricity	
Education		Makaraka School	137 Main Rd Sth, Makaraka, Gisborne	2008	0.015					Electricity	
Education		Makaraka School	137 Main Rd Sth, Makaraka, Gisborne	2010	0.015					Electricity	
Education		MAKARAKA School	NO BOILER	2008						Electricity	

Education		Makarewa School	56 Flora Road East Invercargill	Radco	2405	Watertube	> 1989								
Education	P802100	Makarora Primary School	NO BOILER										NB		
Education		Makauri	120 King Rd RD1,				Jul-05						Electricity		
Education	P802100	Maketu Primary School	Gisborne School Road RD9,										Electricity		
Education		Makoura Community Early	Maketu 29 Makora Rd,				08/01/2005						Electricity		
		Childhood Centre Inc	Masterton												
Education		Malfroy School	196 Malfroy Road, Rotorua	ROBIN HOOD		Waterwall	1957	1	Hot Water	1.5	0.605	71	Huntly pea coal		
Education		Manaia View School	64 Murdoch Crescent, Whangare	CUDDON Hot	B6 Serial # B60750	Firetube	1975	25							
			Crescent, wnangare	water Boiler	B00/30										
Education		MANCHESTER STREET School	FEILDINGL	AQUATHER M			1996		Hot Water				Gas		
Education		MANGAKINO AREA School	MANGAKINO	TAYMAC		Watertube	2000	0.533	Hot Water	4.5	0.4264	95	coal OHAI PEAS		
Education		Mangamaire Country	NO BOILER										NB		
Education		School MANGAMAIRE School	NO BOILER				2007						Electricity		
Education		Mangamuka School	38 School Road,										Electricity		
Education		Mangamuka School	Mangamuka 38 School Road,										Wood		
			Mangamuka										waste - Ti tree		
Education		MANGAPAPA School	NO BOILER				2008						Electricity		
Education		MANGATERETERE School	NO BOILER				2008						Electricity		
Education Education		Mangateretere School Mangere Bridge School	NO BOILER Coronation Road,			Water	2007	0.102					NB LPG		
			Mangere Bridge												
Education		MANGERE BRIDGE School	MANGERE Auckland				2008								
Education		Mangere Bridge School	Coronation Road, Mangere Bridge										Electricity		
			mangere Brage												
Education		MANGERE Central Schoo	l MANGERE Auckland	BEACON			2008		Hot Water			80	coal OHAI PEAS		
Physica		Manuka School	NO BOILER										NB		
Education															
Education		MANUKORIHI INTERMEDIATE School	Waitara, Taranaki	BEACON		Watertube		0.2	Hot Water 0.3	1	0.26	70	coal OHAI PEAS		
Education		Manurewa High School	67 Browns Road, Manurewa				1960						Natural gas		
Education		Manurewa High School	67 Browns Road, Manurewa				1960						Electricity		
Education		Maori Hill School	Passmore Crescent Dunedin			Coal Boiler		0.445					Coal	38? tonnes	
Education		MAORIBANK School	Upper Hutt	PENSOTTI CERVINA 60			2008						Gas		
Education		Maoribank School	32 Hillside Drive,												
Education		Maraetai Beach	Upper Hutt 154 Maraetai Drive,										Electricity		
			Maraetai, Manukau												
Education		Marco School	RD 26, Stratford				1991						Wood waste		

Education		Marco School	RD 26, Stratford									Electricity				
Education		Marist School (Mt Albert)	NO BOILER									NB				
Education	P810200	MARLBOROUGH GIRLS COLLEGE				1979	0.586	Hot Water	3.45	0.443016	40	Coal				
Education		MARSHALL LAING School	Mt Roskill, Auckland	I BRITANNIA No.37		Watertube 1968		Hot Water				Coal				
Education	P802100	MARSHLAND PRIMARY School	Christchurch	AQUATHER M YGNIS		Watertube 2000	0.15	Hot Water	5	0.04725	72	Oil/Diesel				
Education		Matakohe School	117 Matakohe East Rd R D 1, Matakohe, Northland	ı		1958						Wood waste				
Education		Matakohe School	117 Matakohe East Rd R D 1, Matakohe, Northland	ı		198?						Wood waste				
Education		Matakohe School	117 Matakohe East Rd R D 1, Matakohe, Northland	ı		2009						Electricity				
Education		Matakohe School	117 Matakohe East Rd R D 1, Matakohe, Northland	ı		2011						Electricity				
Education		MATAMATA INTERMEDIATE School	MATAMATA	BOLAR		Watertube 1955	0.5	Hot Water	5	0.15	77	coal OHAI PEAS				
Education		Matamata Intermediate School														
Education		Matawai School	29 Raumati Street, Matawai, Gisborne									Electricity				
Education		Matua Mo E Tama Aoga Vagahau Niue	Wickman Way, Nagere East, Auckland			10/11/2010						Electricity				
Education		MAUNGARAKI School		PENSOTTI CERVINA 60		Waterwall 1988	0.0872	Hot Water	4	0.04578	90	Gas				
Education	P802100	MAUNGATAPERE PRIMARY School	MAUNGAT APERE Whangarei	COATES (ELECTRIC)		1978	0.072	Hot Water		0.0108	60	Electricity				
Education		May Road School	504 Richardson Road, Mt Roskill, Auckland	F	erroli Natural	01/01/2011	0.153					Natural gas				
Education		MAYFIELD School	Blenheim			1998		Hot Water				Coal				
Education		Mayfield School	79 Hutcheson Street, Mafield, Blenheim									Coal Reefton blend				
Education		Mayfield School	79 Hutcheson Street, Mafield, Blenheim									Electricity				
Education		Mayfield School	NO BOILER									NB				
Education		Meeanee School	NO BOILER									NB				
Education		MELVILLE INTERMEDIATE School	Hamilton	AQUATHER M YGNIS		2004	0.3	Hot Water	5	0.108						
Education		Melville Park School	Watt St Mosgiel Dunedin				0.044					Coal	18?	tonnes		
Education	P810200	Menzies College	4 Alma Street, Wyndham, Southland													
Education		Mercer School	15 Glass Road, Mercer													

Education		MERCURY BAY AREA School	Whitianga			Watertube	0.8	Hot Water	0.5	0.192	70	coal OHAI PEAS	
Education	P802100	Meremere Primary School	23 Meremere Lane, Meremer, Auckland'									Coal Huntly	
Education	P802100	Meremere Primary School	23 Meremere Lane, Meremer, Auckland'									peas Electricity	
Education		METHVEN School	NO BOILER			2008						Electricity	
Education		MILFORD School	MILFORD School	AQUATHER M YGNIS		2008	0.125	Hot Water	5			Gas	
Education		Milford School (Auckland)	34 Shakespeare Road, Milford									Natural gas	
Education		Millers Flat School	NO BOILER									NB	
Education	P802100		MILTON	ROBIN		water 1966		Hot Water			72	Coal	
Education		School MOANATAIARI School	NO BOILER	HOOD		jacket 2008						Electricity	
Education		Moerewa School	70 Otiria Road,									Electricity	
Education		Moerewa School	Moerewa 70 Otiria Road,									Oil	
Education		Moerewa School	Moerewa 70 Otiria Road,									Coal	
Education	P802100	Mornington Primary School	Moerewa I Elgin Road Dunedin			2005	1.7					Coal	
Education		Mornington School	34 Elgin Road, Mornington, Dunedir									Not stated	
Education	P810200	MORRINSVILLE	MORRINSVILLE	AQUATHER		Watertube	0.059	Hot Water	1	0.007965	88	Gas	
Education	P810200	COLLEGE Morrinsville College	NO BOILER	M								NB	
Education		MORRINSVILLE INTERMEDIATE School	MORRINSVILLE	Н&Р		Watertube 1969	0.44		2	0.154		COAL - New Vale Peas 25	
		Morven School	41 Donald Street, Waimate			01/01/2008	3					Electricity	
		Morven School	41 Donald Street,			03/01/2009)					Electricity	
Education		Mosgiel Intermediate	Waimate Green St Mosgiel									Coal	
Education		School Mosgiel West School now	Dunedin Argyle Street Mosgie	el								Coal 20? tonnes	
		Elmgrove Mosston School	Dunedin 211 Mosston Rd									Electricity	
			Whanganui 4501, Westmere										
71	Potogoo	MOUNT ASSURANCE	W			W	0.02		1.5	0.5450	00		
Education	P810200	MOUNT ASPIRING COLLEGE	Wanaka	HAMILTON HEATPAK		Waterwall 1986	0.83	Hot Water	4.5	0.5478	82	Coal	
Education		MOUNT HUTT COLLEGE	Methven	HOVAL		Watertube 1999	0.75	Hot Water		1.05	79	Oil/Diesel	
Education		MOUNTAINVIEW HIGH School	Timaru	HAMILTON		Waterwall 1984		Hot Water			90	Coal	
Education			NO BOILER			2008						Electricity	
Education		Mt Hutt College	School	Hoval	SR700	Firetube 1999	0.75	Hot Water					
Education	P802100	Mt Maunganui Primary	NO BOILER									NB	
Education		MUDITALCALA	MIDATALCA	MEGALIEVOS		2000		H-+W-+			60	Cu	
Education		MURITAI School	MURATAI School	MEGALUX 90 (2)		2008		Hot Water			60	Gas	

Education		MURRAYS BAY INTERMEDIATE School	MURRAYS BAY Auckland	AQUATHER M	Waterwall 1998	0.3	Hot Water	5	0.09		Gas		
Education		MURUPARA School	MURUPARA	Energy Products International	Watertube 2006		Hot Water	2.4		70	Coal		
Physica		Marris Barrels Calard	Marlow Street Dune	41		0.12					G - 1 122		
Education Education	P810200	Musselburgh School NAENAE COLLEGE	NAENAE LOWER		1991	0.12	Hot Water		0.648	90	Coal 12? Gas	tonnes	
			HUTT										
Education	P802100	Naenae Primary School	Wheatley Street,		Waterwall 2000						Natural gas		
			Naenae										
Education	P802100	Naenae Primary School	Wheatley Street, Naenae								Electricity		
Education		NAPIER BOYS HIGH School	NAPIER	VEKOS POWERMAS TER	Watertube 1971		Hot Water	3.4		82	Coal		
Education	P810200	NAYLAND COLLEGE	Stoke, Nelson	TAYLORS	Watertube 1978	0.586	Hot Water	4	0.2344	85	Coal		
Education	P810200	North A College	166 Nayland Rd	HEATSERV							Wood 70?	tonnes	
Education	F 610200	Nayland College	Nelson								Pellets	unnes	
Education	P810200	Nayland College	166 Nayland Road, Stoke, Nelson		Watertube								
Education	P802100	NAYLAND PRIMARY	Stoke, Nelson	FONDERIE	Watertube 2003		Hot Water	5		85	Oil/Diesel	tonnes	
		School		SIME Model									
				2R 15									
Education		Nelson Central School	Nile St Nelson								Diesel	tonnes	
Education	P810200	Nelson College	67 Waimea Rd								Wood	tonnes	
			Nelson								Pellets		
Education	P810200	Nelson College For Girls	Trafalgar St Nelson								Wood Pellets	tonnes	
Education	P810200	Nelson College For Girls	Trafalgar St Nelson								Diesel	tonnes	
Education		Nelson Intermediate Schoo	1 112 Tipahi St Nelsor	1							Diesel	tonnes	
Education		Nelson Intermediate Schoo Netherton	1 112 Tipahi St Nelson 7 School Road,	1							Diesel Coal	tonnes	
				1								tonnes	
Education		Netherton	7 School Road, Paeroa	1							Coal chips/Fines	tonnes	
			7 School Road,	1							Coal	tonnes	
Education		Netherton New PLYMOUTH	7 School Road, Paeroa 7 School Road,	ALLEN	1973		Hot Water			80	Coal chips/Fines	tonnes	
Education Education		Netherton Netherton NEW PLYMOUTH GIRLS HIGH School	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH	ALLEN YGNIS							Coal chips/Fines Electricity	tonnes	
Education Education	P810200	Netherton New PLYMOUTH	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS	ALLEN	1973 Watertube 1990	0.6	Hot Water	1.5	0.36	80 80	Coal chips/Fines Electricity	tonnes	
Education Education Education	P810200	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH	ALLEN YGNIS		0.6		1.5	0.36		Coal chips/Fines Electricity	tonnes	
Education Education	P810200	Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON	ALLEN YGNIS		0.6		1.5	0.36		Coal chips/Fines Electricity Gas Gas	tonnes	
Education Education Education Education	P810200	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket	ALLEN YGNIS		0.6		1.5	0.36		Coal chips/Fines Electricity Gas Gas Electricity	tonnes	
Education Education Education	P810200	Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue,	ALLEN YGNIS		0.6		1.5	0.36		Coal chips/Fines Electricity Gas Gas	tonnes	
Education Education Education Education Education	P810200	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden	ALLEN YGNIS		0.6		1.5	0.36		Coal chips/Fines Electricity Gas Gas Electricity	tonnes	
Education Education Education Education	P802100	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tee, Auckland	ALLEN YGNIS CARBOFUEL		0.6		1.5	0.36		Coal chips/Fines Electricity Gas Gas Electricity	tonnes	
Education Education Education Education Education Education		Netherton Net PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tee, Auckland	ALLEN YGNIS CARBOFUEL	Watertube 1990	0.6	Hot Water		0.36	80	Coal chips/Fines Electricity Gas Gas Electricity Natural gas	tonnes	
Education Education Education Education Education Education		Netherton NeW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tee. Auckland Titahi Bay, PORIRUA	ALLEN YGNIS CARBOFUEL	Watertube 1990 2000	0.6	Hot Water	5	0.36	90	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas	tonnes	
Education Education Education Education Education Education		Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tee. Auckland Titahi Bay, PORIRUA	ALLEN YGNIS CARBOFUEL	Watertube 1990	0.6	Hot Water		0.36	80	Coal chips/Fines Electricity Gas Gas Electricity Natural gas	tonnes	
Education Education Education Education Education Education Education		Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tee, Auckland Titahi Bay, PORIRUA Dunedin	ALLEN YGNIS CARBOFUEL BONGIOANN I - BON GAS	Watertube 1990 2000 Watertube 1965		Hot Water Hot Water Hot Water	5	0.36	90	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI PEAS	tonnes	
Education Education Education Education Education Education		Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW	7 School Road, Paeroa 7 Gilles Avenue, Newmarket 14 Evelyn St, Eden Tec, Auckland Tetahi Bay, PORIRUA Dunedin NEW BRIGHTON	ALLEN YGNIS CARBOFUEL BONGIOANN I - BON GAS	Watertube 1990 2000	0.6	Hot Water	5	0.36	90	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI	tonnes	
Education Education Education Education Education Education Education		Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tee, Auckland Titahi Bay, PORIRUA Dunedin	ALLEN YGNIS CARBOFUEL BONGIOANN I - BON GAS	Watertube 1990 2000 Watertube 1965		Hot Water Hot Water Hot Water	5	0.36	90	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI PEAS	tonnes	
Education Education Education Education Education Education Education		Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gilles Avenue, Newmarket 14 Evelyn St, Eden Tec, Auckland Dunedin NEW BRIGHTON Christichurch	ALLEN YGNIS CARBOFUEL BONGIOANN 1 - BON GAS TAYLOR	Watertube 1990 2000 Watertube 1965		Hot Water Hot Water Hot Water	5	0.36	90	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI PEAS	tonnes	
Education Education Education Education Education Education Education Education Education	P802100	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATH TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW BRIGHTON School NORTH STREET School	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tce, Auckland Dunedin NEW BRIGHTON Christchurch Feilding	ALLEN YGNIS CARBOFUEL BONGIOANN 1 - BON GAS	Watertube 1990 2000 Watertube 1965 Watertube 1998 Firetube 2000	0.186 0.25	Hot Water Hot Water Hot Water Hot Water	5		90 70	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI PEAS Coal Gas	tonnes	
Education Education Education Education Education Education Education Education		Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW BRIGHTON School	7 School Road, Paeroa 8 WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tce. Auckland Teta. Auckland Titahi Bay, PORIRUA Dunedin NEW BRIGHTON Christchurch Feilding 1 Kauri Glen Road,	ALLEN YGNIS CARBOFUEL BONGIOANN 1 - BON GAS TAYLOR AQUATHER M YGNIS	Watertube 1990 2000 Watertube 1965 Watertube 1998	0.186	Hot Water Hot Water Hot Water Hot Water	5		90 70	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas Coal OHAI PEAS Coal	tonnes	
Education Education Education Education Education Education Education Education Education	P802100	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW BRIGHTON School NORTH STREET School NORTH STREET School	7 School Road, Paeroa 7 School Road, Paeroa NEW PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tce, Auckland Dunedin NEW BRIGHTON Christchurch Feilding	ALLEN YGNIS CARBOFUEL BONGIOANN 1 - BON GAS TAYLOR AQUATHER M YGNIS	Watertube 1990 2000 Watertube 1965 Watertube 1998 Firetube 2000	0.186 0.25	Hot Water Hot Water Hot Water Hot Water	5		90 70	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI PEAS Coal Gas	tonnes	
Education Education Education Education Education Education Education Education Education	P802100	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATH TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW BRIGHTON School NORTH STREET School	7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, New PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tee. Auckland Titahi Bay, PORIRUA Dunedin NEW BRIGHTON Christehurch Feilding 1 Kauri Glen Road, Northeote, Auckland	ALLEN YGNIS CARBOFUEL BONGIOANN I - BON GAS TAYLOR AQUATHER M YGNIS	Watertube 1990 2000 Watertube 1965 Watertube 1998 Firetube 2000	0.186 0.25	Hot Water Hot Water Hot Water Hot Water	5		90 70	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI PEAS Coal Gas	tonnes	
Education	P802100	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW BRIGHTON School NORTH STREET School NORTH STREET School	7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, New PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tcc. Auckland Teahi Bay, PORIRUA Dunedin NEW BRIGHTON Christchurch Feilding 1 Kauri Glen Road, Northcote, Auckland	ALLEN YGNIS CARBOFUEL BONGIOANN I - BON GAS TAYLOR AQUATHER M YGNIS	Watertube 1990 2000 Watertube 1965 Watertube 1998 Firetube 2000 2005	0.186 0.25 1.5	Hot Water Hot Water Hot Water Hot Water	5		90 70	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI PEAS Coal Gas Natural gas	tonnes	
Education	P802100 P810200 P810200	Netherton NeW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW BRIGHTON School NORTH STREET School Northcote College	7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, New PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tce. Auckland Tätahi Bay, PORIRUA Dunedin NEW BRIGHTON Christchurch Feilding 1 Kauri Glen Road, Northcote, Auckland 1 Kauri Glen Road, Northcote, Auckland	ALLEN YGNIS CARBOFUEL BONGIOANN I - BON GAS TAYLOR AQUATHER M YGNIS	2000 Watertube 1965 Watertube 1998 Firetube 2000 2005	0.186 0.25 1.5 0.265	Hot Water Hot Water Hot Water Hot Water	5		90 70	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas Coal OHAI PEAS Coal Gas Natural gas Electricity	tonnes	
Education	P802100	Netherton Netherton NEW PLYMOUTH GIRLS HIGH School NEWLANDS COLLEGE Newmarket Newton Central NGATI TOA PRIMARY School NORTH EAST VALLEY NORMAL School NORTH NEW BRIGHTON School NORTH STREET School NORTH STREET School	7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, Paeroa 7 School Road, New PLYMOUTH NEWLANDS WELLINGTON 7 Gillies Avenue, Newmarket 14 Evelyn St, Eden Tee. Auckland Titahi Bay, PORIRUA Dunedin NEW BRIGHTON Christehurch Feilding 1 Kauri Glen Road, Northeote, Auckland	ALLEN YGNIS CARBOFUEL BONGIOANN I-BON GAS TAYLOR AQUATHER M YGNIS	Watertube 1990 2000 Watertube 1965 Watertube 1998 Firetube 2000 2005	0.186 0.25 1.5	Hot Water Hot Water Hot Water Hot Water	5		90 70	Coal chips/Fines Electricity Gas Gas Electricity Natural gas Gas coal OHAI PEAS Coal Gas Natural gas	tonnes	

Education	P810200	NORTHCOTE COLLEGE	E NORTHCOTE Auckland	HAMILTON HEATPAK	Watertube 1978		Hot Water	1.2			80	coal OHAI PEAS		
Education	P810200	NORTHLAND COLLEGE	E Kaikohe	AQUATHER M YGNIS	Watertube 2005	0.5	Hot Water		0.	.125	60	Oil/Diesel		
Education		Northland Health Camp School	NO BOILER	11 10115								NB		
Education		OAMARU INTERMEDIATE School	OAMARU	Hamilton Heatpak Taylors clone	tube 1998 bundle	0.533	Hot Water	3	0.	.0999375	80	Coal blend - 33% cascade and 67% Takitimu		
Education		OAMARU NORTH School	ol OAMARU	TAYMAC HEATPAK 3605	Watertube 2000	0.244	Hot Water	4.5	0.	.122	82	Coal		
Education		Oamaru North School	40 Torridge Street, Oamaru									Not stated		
Education		OHAU School	OHAU Levin	H&P	Watertube 1971		Hot Water	0.14			60	HUNTLY PEA COAL		
Education		Ohuka School	12 Okare Road, Wairoa		2008	0.018						Electricity		
Education		Ohuka School	12 Okare Road, Wairoa		2010	0.018						Electricity		
Education	P802100	Ohura Valley Primary	Ngarimu St. Ohura									Not stated		
Education		Omahu	22 Taihape Road, Hastings									Electricity		
Education		OMAKAU School	OMAKAU	KROLL HEAT EXCHANGER	2005		Hot Water	1.5			65	Oil/Diesel		
Education	P802100	Omata Primary	Holloway Road, Nev Plymouth	N								Not stated		
Education		Omokoroa Point	37 Hamurana Road, Omokoroa									Geothermal		
Education		Omokoroa Point	37 Hamurana Road, Omokoroa									Electricity		
Education	P802100	ONEHUNGA PRIMARY	ONEHUNGA Auckland	ECOMAX 200	Firetube 2007	0.2	Hot Water	1.5	0.	.06	70	Gas		
Education		School Onepoto School	Onepoto School 17 Fraser Ave northcote		2005	0.085								
Education	P802100	ONERAHI PRIMARY School	ONERAHI	CUDDON	Watertube 1948		Hot Water				71	Coal		
Education		Ongaonga School	NO BOILER									NB		
Education		OPAHEKE School	Papakura, Auckland	H&P	Watertube 1968	0.15	Hot Water	0.3	0.	.06	65	Coal		
Education		Opiki School	NO BOILER									NB		
Education	D040200	Opoho School	Signal Hill Road Dur	nedin	T	0.094				20.5	00		10? tonnes	
Education	P810200	Opotiki College	St. John Street Opotiki 3122	HOVAL	Firetube	0.9	Hot Water	5	0.	.396	80	Gas		
Education		Opotiki Community Childcare Centre	115 Wellington Street, Opotiki		07/03/1905							Electricity		
Education	P802100	OPOTIKI PRIMARY School	ОРОТІКІ	ACFV 150 Energy Products International	Watertube 2007	0.15	Hot Water	3	0.	.06	80	Coal		
Education	P802100	Oranga Primary School			Other									

Education	P802100	Oranga Primary School			Other								
Education	P810200	-	Riverside Road Orewa 0931 Auckland	HEATSERVE	Watertube	1978 0.9	Hot Water	1.1	0.45		80 coal C PEAS		
Education	P810200		Riverside Road, Orewa	Rendamax R30	Other	2009 0.13	2				Natur	al gas	
Education	P810200	Orewa College	Riverside Road, Orewa	Rendamax R30	Other	2009 0.13	2				Natur	al gas	
Education	P810200	Orewa College	Riverside Road,	Rendamax R30	Other	2009 0.1					Natur	al gas	
Education	P810200	Orewa College	Orewa Riverside Road,	Rendamax R30	Other	2009 0.00	55				Natur	ıl gas	
Education	P810200	Orewa College	Orewa Riverside Road,	Rendamax R30	Other	2009 0.0-	45				Natur	al gas	
Education	P802100		Orewa NO BOILER			2008							
Education			Arthur St Dunedin								Wood		
Education	P810200		OTAHUHU COLLEGE Auckland	RENDAMAX d R30	Watertube	2006				:	82 Gas		
Education	P810200		OTAHUHU COLLEGE - B BLOCK	RAYPAK Atmospheric Boiler	Watertube	2006				:	82 Gas		
Education	P802100		NO BOILER	DOLL							LPG		
Education			Mill Road, Otaki										
Education		OTAKI School	OTAKI	SANGIORGIO	Watertube	1996	Hot Water				90 Gas		
Education	P802100	Otorohanga Primary School	95 Phillips Avenue, Otorohanga			1958	Hot Water				80 coal C PEAS		
Education	P802100	Otumoetai Primary School	NO BOILER								NB		
Education		OXFORD AREA School	OXFORD	HAMILTON HEATPAK	Waterwall	1984	Hot Water				Coal		
Education		PAEKAKARIKI School	PAEKAKARIKI	TAYLOR		1996 0.2	Hot Water	4.4	0.12		Coal		
Education		Paekakariki School	Wellington Road, Paekakariki	Taylors Ltd - 987 78 Series	Watertube	1995 0.2							
Education			PAEROA	HAMILTON	Watertube	0.10	6 Hot Water		0.088		90 coal C PEAS		
Education			21 Albert Street, Pahiatua		Waterwall	0.03	53				Natur	al gas	
Education	P810200	PAKURANGA COLLEGE		LENNOX / CLEVER		1998 0.0-	Hot Water		0.08064	•	60 Gas		
Education	P810200		PAKURANGA COLLEGE - MAIN BOILER	AQUATHER M YGNIS		2000	Hot Water	7.5			75 Gas		
Education	P810200	PAKURANGA COLLEGE		AQUATHER M PENSOTTI E CERVINIA 51		1998	Hot Water	4		,	90 Gas		
Education	P810200		PAKURANGA COLLEGE - STONE BLOCK BOILER	AQUATHER M PENSOTTI CERVINIA 51		1998	Hot Water	4		9	95		
Education		PAKURANGA HEIGHTS School	PAKURANGA	AQUATHER M YGNIS	Watertube	1996 0.13	25 Hot Water	5	0.05		73 Oil/Di	esel	
Education		Palmerston North Adventist	25 Snelson Street, Palmerston North								Electr	icity	

Education		Palmerston North Adventi Christian School	st 25 Snelson Street, Palmerston North								Natural gas	
Education		Palmerston North Boys' High School	263 Featherston Street, Palmerston North			0.52					Natural gas	
Education		Palmerston North Boys' High School	263 Featherston Street, Palmerston North			0.145					Natural gas	
Education		Palmerston North Boys' High School	263 Featherston Street, Palmerston North								Electricity	
Education		Palmerston North Girls High School	23 Fitzherbert Avenue, Hokowhitu 4410 Palmerston North	HOVAL	Watertube 1985	0.94	Hot Water	5	0.3948	95	Gas	
Education		Panmure Bridge	76 Kings Rd		2008						Electricity	
Education		Papakaio	Auckland Papakaio Road, Oamaru								Electricity	
Education		Papakura Central	23 Ray Small Dr. Papakura		Watertube 1971						Coal Huntly peas	
Education		Papakura Central	23 Ray Small Dr. Papakura		2006						LPG	
Education	Possess	Papakura Central	23 Ray Small Dr. Papakura		T . 1 . 1000	0.05			0.110		Electricity	
Education	P802100	PAPAMOA PRIMARY School	PAPAMOA	AQUATHER M YGNIS	Firetube 1998	0.35	Hot Water	2	0.119	80	Gas	
Education		Papanui Junction School									NB	
Education	P802100	PAPANUI PRIMARY School	PAPANUI Christchurch	HOVAL	Watertube 1999	0.25	Hot Water		0.18	77	Oil/Diesel	
Education		Paparimu School	3 Matheson Road, Paparimu		At least 3 ye ago	ears					Electricity	
Education		PAPATOETOE Central School	PAPATOETOE Auckland	HOVAL	Waterwall 1983		Hot Water				Gas	
Education	P802100	PAPATOETOE EAST PRIMARY School	NO BOILER		2008						electricity	
Education		PAPATOETOE INTERMEDIATE School		BRITANNIA No.37	Waterwall 1955		Hot Water			30	Oil/Diesel	
Education		PARAPARAUMU BEACI School	H PARAPARAUMU	BONGAS 1/9 T	Watertube 2000	0.103	Hot Water	5	0.0927	90	Gas	
Education		Paraparaumu Beach School	ol Gray Avenue, Paraparaumu Beach								Natural gas	
Education		Paraparaumu Beach School	ol Gray Avenue, Paraparaumu Beach								Electricity	
Education	P810200	Paraparaumu College	PARAPARAUMU	TAYLORS HEATSERV	Watertube 1978	0.879	Hot Water	3	0.91416	85	Gas	
Education		ParkLANDS School	Motueka	TRIWAY	Watertube 1997		Hot Water			80	coal OHAI PEAS	
Education		Parkside School	184 Wellington Street, Pukekohe		watertube 1975						Diesel	

Comparison Com	Education		ParkSIDE SPECIAL	Pukekohe, Auckland	CUDDON		1968		Hot Water			82	Oil/Diesel		
Marked M	Education				HOVAL	Watertul	be 2000	0.325	Hot Water	11	0.104	80	Oil/Diesel		
Marie	Education						2008						Electricity		
Paramire State Repaired State Repa	Education					Other	2008						LPG		
Part				Patumanoe, Frankiin	1										
Parameter Nation Parameter N	Education		Patumahoe School				> 1998						Electricity		
Marie Water Wate				Patumanoe, Frankiin	1										
Purison internal Purison int	Education		Patumahoe School				03/01/2010)					Electricity		
Second Part				ratumanoe, Frankin											
Perfect Perf	Education		Peachgrove Intermediate	72 Peachgrove Road	1,	Watertuh	be 1958's						Coal		
Second	Education		Pascherova Intermediata										peas		
Marie Mari	Aucation		r caengrove intermediate	Hamilton Koad	-,								Licentiny		
February	Education		Peterhead School										Electricity		
March Marc				Hastings											
Section of School Schoo	Education		Phillipstown	NO BOILERS			2010 and 2	2011					Electricity		
Part	Education			Bucklands Beach	FERROLI	Watertub	be 2000	0.1	Hot Water		0.03	75	Gas		
Marie Mari	Education		PILLANS POINT School	NO BOILERS			2008								
Abecation POKENO School POKENO how 1960 How Water 40 Coal chaction Polary School NO BOILER NB Coal No BOILER NB Coal Charter School Particle ST Alas, Lower Hut Lower			Pine Hill School	Wilkinson St Dunedi	in	Coal Boiler		0.07						tonnes	
Mendrio Polaro School Of Of DER Portrage School Purriage St Tala. Decer Filtr Decer Filt Decer Filtr Decer Filtr Decer Filtr Decer Filtr Decer Filt Decer Filtr Decer Filtr Decer Filtr Decer Filtr Decer Filt Decer Filtr Decer Filtr Decer Filtr Decer Filtr Decer Filt Decer Filtr Decer Filt Decer	Education		Pirongia School	NO BOILER									NB		
Housein Pomue Schood Poming Schood Lower Hist Described School School Conver Hist Described School School Conver Hist Described School Scho	Education		POKENO School	POKENO			1960		Hot Water			40	Coal		
ducation Pommer School Purming St Tailan. Lucion F Hart ducation Possonby Intermediate St Clarence Steret, Pomsonby Pos	Education		Pokuru School	NO BOILER									NB		
ducation	Education		Pomare School										Natural gas		
ducation P802100 Promotely Intermediate School Promotely															
ducation P802100 Portland Primary School 10 School R4. Portland, Whangarei ducation P802100 Prospect Primary School 10 Prospect Primary School R5. Prospect Primary Schoo	Education		Pomare School										Electricity		
ducation P802100 Portland Primary School D8. Pouto 11 Opuna Rood. Portland, Whangarei 1984 Electricity ducation P802100 Prospect Primary School Rd. RD. Te Koperu. Whangarei 2 0.6 60 60 Coal OHAI PEAS ducation P802100 Prospect Primary School Rd. Auckland 0602 Watertube 1958 2 Hot Water 2 0.6 60 FEAS ducation P1 England School 120 Pt England Rd. Auckland	Education						2001						Natural gas		
ducation Pouto 11 Opuna Road. 1984 ducation P802100 Prospect Primary School Robert Auckland 0602 Prospect Primary School 130 Pt England Rd, Auckland ducation Pt England School 130 Pt England Rd. Auckland Auckland Auckland Pt England School 130 Pt England Rd, Auckland Pt England School 130 Pt England Rd, Auckland Auckland Pt England School 130 Pt England Rd, Auckland Pt Engl	Education	P802100											Not etated		
Rylar	Laucanon	1 302100	Tortaina Francis School		i								Aor stateu		
Rylar	Education		Pouto	11 Opuna Road			1984						Electricity		
ducation P802100 Prospect Primary School 76 Rosier Road, Glen CUDDON Eden, Auckland 0602 Watertube 1958 2 Hot Water 2 0.6 60 coal OHAI PEAS ducation Pt England School 130 Pt England Rd, Auckland ducation Pt England Rd, Auckland ducation Pt England Rd, Auckland ducation Pt England Rd,				RD1 Te Koporu,									,		
ducation Pt England School 130 Pt England Rd, Auckland ducation Pt England School 130 Pt England Rd, Auckland ducation Pt England School 130 Pt England Rd, Auckland ducation Pukehou School 174 State Highway 2, Hastings	Education	P802100	Prospect Primary School		n CUDDON	Watertul	be 1958	2	Hot Water	2	0.6	60	coal OHAI		
Auckland ducation Pt England School 10 Pt England Rd, Auckland ducation Pukehou School 174 State Highway 2, Hastings			, ,	Eden, Auckland 060	2								PEAS		
Auckland ducation Pt England School 10 Pt England Rd, Auckland ducation Pukehou School 174 State Highway 2, Hastings															
Auckland ducation Pukehou School 174 State Highway 2, Hastings	Education		Pt England School	Auckland									Diesel		
ducation Pukehou School 174 State Highway 2, Hastings	Education			Auckland											
	Education		Pukehou School	174 State Highway 2	2,								Electricity		

									NB	
Education	Pukerau School	24 Pukerau Street, RD 2, Gore								
Education P802100	PUTARURU PRIMARY School	PUTARURU AQUATHER M	Watertube 1998	0.4	Hot Water	3.5	0.2	45	Coal	
Education P802100	Putauaki Full Primary	87-89 Fenton Mill Road, Kawerau	Watertube 2011	0.2					Wood waste	
Education P802100	Putauaki Full Primary	NO BOILERS	2010/1985						Electricity	
Education P810200	Queen Margaret College	53 Hobson Street, Wellington							Electricity	
Education	QUEENS HIGH School	Dunedin	2008							
Education	Queens High School	Surrey St Dunedin No BOILER								
Education	Queen's High School	NO BOILER							NB	
Education P802100	QueensPark Primary School	222 QueensPark Aquatherm AY200 Drive, Christchurch ygnis		0.2						
Education	Ragamuffins 2 Childcare & PreSchool	& 22 Cameron St, Onehunga, Auckland							Gas heating	
Education	Raglan Area School	42 Norrie Ave. Raglan	Watertube 1980						Coal Huntly peas	
Education	Raglan Area School	42 Norrie Ave. Raglan	2006						Coal Huntly peas	
Education	Raglan Area School	NO BOILER	2009						electricity	
Education	Ramarama	126 Ararimu Road, Auckland							Electricity	
Education	Rangi Ruru Girls' School	59 Hewitts Road, Christchurch							Diesel	
Education	Rangiatiki Independent School	33 Meadow Vale, Whakatane							Electricity	
Education P810200	RANGITOTO COLLEGE	E RANGITOTO COLLEGE								
Education	Rangitoto School	564 East Coast Road Mairangi Bay, North Shore City								
Education	Rangiuru School	659 Rangiuru Road, R D 8, Te Puke	2009	0.081					Electricity	
Education	Ranzau School	NO BOILER							Electricity	
Education P810200	Rathkeale College	217 Willow Park Drive, Masterton	2000						Electricity	
Education P810200	Rathkeale College	217 Willow Park Drive, Masterton							LPG	
Education	Raukokore	NO BOILER							NB	
Education	RAUMATI BEACH	RAUMATI BEACH REGENCY GBS SERIES 2	1996						Gas	
Education	Raumati Beach School	Raumati Road, Raumati Beach								

Education		Raumati Beach School	Raumati Road, Raumati Beach											
Education		Ravensbourne School	Wanaka St Dunedin				0.156					Coal 1	5? tonnes	
Education		RED BEACH School	RED BEACH Auckland	TAYLOR		Waterwall	0.125	Hot Water	4.4	0.06375		coal OHAI PEAS		
Education		REDCLIFFS School	REDCLIFFS Christchurch			2008								
Education		REDWOOD School	REDWOOD			No Boiler -								
			Christchurch			gas heaters								
Education		Reefton Area School	10 Victory Street, Reefton			Firetube 30/10/2004	0.6					Coal Reefton blend		
Education		Remuera Intermediate School	55 Ascot Ave., Remuera	Brittania	BLU350	Waterwall 1966	0.35							
Education		REMUERA	REMUERA	BRITTANIA		Waterwall 1955	0.184	Hot Water		0.0649152	75	Gas		
		INTERMEDIATE School	AucklandL - Boiler	1 No 38k										
Education		REMUERA INTERMEDIATE School	REMUERA INTERMEDIATE School - Boiler 2	PENSOTTI CERVINIA MODEL E51		1999	0.065	Hot Water	4		93	Gas		
Education	P802100	Reporoa Primary School	Massey Road,									Natural gas		
Education	P802100	Reporoa Primary School	Reporoa Massey Road,									Electricity		
Laucation	1 002100		Reporoa									Licentery		
Education		RHODE STREET School	Dinsdale, HAMILTON	ROBIN HOOD		Waterwall 1959		Hot Water				Coal		
Education		Rhode Street School	NO BOILER									NB		
Education		Riccarton High School	Curletts Road,	YGNIS		Watertube 2002	0.9	Hot Water	1.5	0.945	80	Oil/Diesel		
			Riccarton Christchurch 8042											
Education		Riccarton High School	31 Vicki Street, Christchurch											
Education		Richmond Road School	113 Richmond Road Auckland	d, vale & coy ltd boiler serial no 049 size j2		1950s						Coal Huntly peas		
Education		Richmond School	14 Cambridge St Richmond 7020	Taylors	78 Series Vertical	1996	0.3						0? tonnes	
Education		RICHMOND School	NO BOILER			2008						Electricity		
Education		Ridgway	120 Mornington Road, Wellington			1996	0.698					Natural gas		
Education		Ridgway	120 Mornington Road, Wellington			2000	0.058					Natural gas		
Education		Ridgway	120 Mornington Road, Wellington			2003	0.056					Natural gas		
Education		RIVERHILLS School	Pakuranga, Aucklan	d H&P		1968						Coal		
Education		Riverlands	School Rd RD4									Electricity		
Education	P802100	Riverton Primary School	Blenheim 7 Leader St Rivertor	n		Watertube 2010						Kai Point coal		
Education	P802100	Riverton Primary School	7 Leader St Rivertor	n		1990						Diesel		
Education	P810200	Rodney College	NO BOILER									NB		
Education		Rongomai	NO BOILER									NB		

Education		ROSLYN School	Palmerston North	AQUATHER M	Watertube			5		75	Gas		
Education		Ross Intermediate	NO BOILER								NB		
Education Education		Rotary Park School Rotorua Boys' High School	McKerrow Street Dur Pukuatua Street, Rotorua	nedin	Firetube 2009	0.338					Coal 29? Natural gas	tonnes	
Education		Rotorua Boys' High School	Pukuatua Street, Rotorua		Firetube 2004						Natural gas		
Education		Rotorua Girls High School	17 Miro Street, Hillcrest Rotorua 3015	TAYMAC	Watertube 1997	1.02	Hot Water	3	0.408	80	Wood Pellets		
Education		Royal Oak Intermediate	NO BOILER								NB		
Education	P802100	Royal Oak Primary School	Chandler Avenue, Auckland								Gas/Diesel		
Education	P802100	Royal Oak Primary School	Chandler Avenue, Auckland								Electricity		
Education		RUAWAI School	RUAWAI	HOVAL	Watertube 1999	0.1	Hot Water	0.5	0.052	70	Oil/Diesel		
Education		RUSSLEY School	Avonhead, Christchurch	HOVAL	Watertube 1999	0.25	Hot Water	5	0.04	70	Oil/Diesel		
Education		RUTHERFORD		HOVAL	Watertube 1963	0.585	Hot Water		0.0833625	80	Gas		
Education		INTERMEDIATE Sacred Heart	NO BOILER								NB		
Education		Sacred Heart Petone	33 Britannia Street, Petone		1988						Electricity		
Education		Saint Patrick's Nightcaps	11 Digger Street, Nightcaps								Electricity		
Education		Salmond Hall	Arden Street				HW				Diesel 500?	litres	
Education		Salmond Hall (Presbyterian Foundation Trust)	Dunedin Arden Street Dunedin			0.827	HW				Coal 360?	tonnes	
Education		Samoa Taumafai Aoga Amata	8 Giles Street, Tokoroa		08/03/2010	0.011					Electricity		
Education		Samoa Taumafai Aoga Amata	8 Giles Street, Tokoroa		08/03/2010	0.0041					Electricity		
Education		SARA COHEN School	Dunedin	HEATSERVE	1983	0.132	Hot Water		0.099	65	coal OHAI PEAS		
Education		Sara Cohen School	Rutherford St Dunedin			0.132					Coal 13?	tonnes	
Education	P802100	SELWYN PRIMARY School	Rotorua		Watertube 1966	0.6	Hot Water	0.2	0.18	60	Wood Pellets		
Education		Sherenden and Districts School	2129 Taihape Road RD 9 Hastings		08/01/2006	0.011					Electricity		
Education		Shirley Boys High School	North Parade, Richmond Christchurch	YGNIS	Firetube 2002	1	Hot Water			80	Oil/Diesel		
Education	P802100	Silverstream Primary	Whitemans Road, Silverstream								Electricity		
Education	P802100	Silverstream Primary	Whitemans Road, Silverstream								Natural gas		
Education		Sir Douglas Bader Intermediate	Court Town Close, Mangere								Coal Huntly peas		

Education		Sir Edmund Hillary Collegiate	2 Franklyne Road, Otara, Auckland	YGNIS	2002	1	Hot Water	1.8	0.6	75	Gas			
Education		Solway School	NO BOILER								NB			
Education		Somerset Crescent School	45 Somerset Crescent, Palmersto North	n										
Education		South Auckland SDA School	42a Puhinui Road, Papatoetoe		Watertube 08/01/2007	,					Electricity			
Education		South End	NO BOILER		2009	0.03					Electricity			
Education		South End	275 High Street South, Carterton		2000		2406 HP				Coal Ohai peas			
Education		South Wellington Intermediate School	30 Waripori Street, Newtown, Wellington											
Education		SOUTH WESTLAND AREA School	Hari Hari	BOAG 48/10	Watertube 1991		Hot Water				COAL - Blend 2			
Education		South Westland Area School	Whanganui Flat Road, Hari Hari		Watertube 2009									
Education		SOUTHBROOK School	Rangiora	TAYMAC HEATPAK 3605	Watertube 1994	0.125	Hot Water	0.5	0.03	70	Coal			
Education		SOUTHLAND ADVENTIST	Invercargill	DOHERTY	Watertube 1998	0.25	Hot Water		0.4	45	Lignite			
Education		CHRISTIAN School Southland Boys High School	181 Herbert Street, Invercargill 9810	TAYLOR	Watertube 1993	1.3	Hot Water		0.156	80	COAL / LIGNITE MIX			
Education		Southland Girls High School	328 Tweed Street, Georgetown, Invercargill	Taylors	Watertube 2004	1.32					Coal Reefton blend			
Education		Southland Girls High School	328 Tweed Street, Georgetown, Invercargill	Taylors	Watertube 2008	0.75					Coal Reefton blend			
Education		Southland Girls High School	328 Tweed Street, Georgetown, Invercargill								Electricity			
Education	P802100	SPREYDON PRIMARY School	SPREYDON Christchurch	AQUATHER M YGNIS	2004	0.35	Hot Water	5	0.14	72	Oil/Diesel			
Education			Blenheim	CUDDON	1996	0.17	Hot Water		0.0935	80	Coal			
Education		ST ALBANS School	ST ALBANS Christchurch	AQUATHER M YGNIS	Firetube 2003	0.25	Hot Water	5	0.125	70	Oil/Diesel			
Education	P810200	St Bedes College	210 Main North Road, Christchurch	M TONIS										
Education	P810200	St Bernards's College	183 Waterloo Rd, Lower Hutt								Gas			
Education	P810200	St Bernards's College	183 Waterloo Rd, Lower Hutt								Electricity			
Education		ST CANICES School	NO BOILER		2008						Electricity			
Education	P810200	ST CATHERINES COLLEGE	Kilbirnie, WELLINGTON	BOAG 48/10	Waterwall 1968		Hot Water			65	Gas			
Education Education	P810200	St Clair School St Cuthbert's College	Richardson St Dune 122 Market Road, Auckland	din		0.44					Coal 37? Electricity	tonnes		
Education	P810200	ST DOMINICS COLLEGE	NO BOILER		2008						Electricity			

Education		St Hildas Collegiate School	2 Cohdon Steast									Electricity		
Education		St Hillas Collegiate School	Dunedin									Licentity		
Education	P810200	St Johns College	85 Hillcrest Rd, Hamilton									Electricity		
Education		St Josephs Catholic School										Electricity		
Education		St Joseph's Catholic Schoo	Wilson Street									Electricity		
		Matata	Matata											
Education		St Joseph's Catholic School, Hamilton	88 Clarkin Road, Hamilton									Electricity		
Education		St Joseph's School	101 King Street, Whakatane									Electricity		
Education		St Joseph's Upper Hutt	NO BOILER									NB		
Education		St Kevins College	Taward St Oamaru				0.12					LFO 28000?		
Education Education		St Margarets College St Mark's School	Leith St Dunedin 33 Cholmondeley				0.61					Coal 220? Electricity	tonnes	
			Avenue, Christchurch									Ť		
			Christenuren											
Education		ST MARYS CATHOLIC School	Rotorua	HYDROTHER M		1988	0.07	Hot Water		0.28224	110	Gas		
Education		St Mary's Catholic School		IVI								Natural gas		
Education		Rotorua St Mary's Catholic School	Rotorua 37 Carnot Street,									Electricity		
		Rotorua	Rotorua											
Education	P810200	ST PATRICKS COLLEGE	Kilbirnie, WELLINGTON	HOVAL	water	1979	0.4	Hot Water	6	0.392	80	Gas		
		WELLINGTON												
Education		St Patrick's School Bryndwr	57 Plynlimon Road, Christchurch									Electricity		
Education		St Peters College Gore	121Kakapo Street, Gore			Refurbished 2006 i believe						Lignite		
Education		St Date - Calles - Con-	NO BOILER			2010						Floresistes		
Education		St Peters College Gore	NO BOILER			2010						Electricity		
Education		St Peters College Gore	NO BOILER			2010						Electricity		
Education		St Peters College Gore	NO BOILER									Electricity		
Education		St Peters College Gore	121Kakapo Street,	Gamma 15								Diesel		
			Gore	diesel boiler										
Education		St Thomas's School	113 Allum Street, Kohimarama,			2011						Natural gas		
			Auckland											
Education		St. Canice's School	NO BOILER									NB		
Education		St. Thomas's School	113 Allum Street,	BEACON 104	Watertube	1988	0.165	Hot Water	2	0.0462	70	Coal Ohai		
			Kohimarama, Auckland									Peas		
Education		Stanhope Rd School	2B Harris Rd Mt Wellington, Auckland	d		1995	0.872					Natural gas		
			Weilington, Auckani	u										
Education	P802100	Stanmore Bay Primary	32 Waiora Road,			2005	0.202					Natural gas		
Education	1 002100	School	Stanmore Bay,			2003	0.202					rvaturai gas		
			Wangaparaoa											
Education	P802100	Stanmore Bay Primary	32 Waiora Road,	Ecoflame	Watertube	2004	0.2		3	0.036	69	Gas		
		School	Stanmore Bay, Wangaparaoa	Single Stage										
Education		Star of the Sea School	14 Oakridge Way,											
			Howick Auckland											
			604.14 : D.16 :									B: 1		
Education		Stoke School	601 Main Rd Stoke Nelson									Diesel		

Education		Stratford High School	Swansea Road Stratford	Allen Ygnis	AYMK3	Watertube 1979	1.17								gas		
			Stration														
ducation		Sumner School	NO BOILER												electricity		
Education	P802100	Sunset Primary School	Sunset Road, Sunset			Watertube 1965	0.175	Hot Water				0.035		49	Wood		
		,	Rotorua												Pellets		
Education		Sutton Park School	89 Vine Street,	HOVAL		1982		Hot Water	3					66	Gas		
			Mangere East, Auckland														
Education		Tahuna Intermediate School	Auld Street Dunedin												Wood		
Education		Tahuna School	TAHUNA School												Coal		
Education		Taikura Rudolf Steiner School	515 Nelson St Nth Hatings												Natural gas		
Education		Taikura Rudolf Steiner	515 Nelson St Nth												Natural gas		
ucuton		School	Hatings												gus		
Education		Tainui School	Tainui Road Dunedii	n			0.15								Coal 14?	tonnes	
Education		Taipa Area School	NO BOILER			2008									electricity		
Education	P802100	Takaka Primary	9 Wadsworth Street, Takaka														
Education		Takanini School	39 Takanini School			1996	0.125										
			Road Takanini														
Education		Takapau	Charles Street, Takapau			01/01/2009									Electricity		
Education	P802100	Takapuna Primary School	1 23 Auburn Street, Takapuna												Natural gas		
Education	P802100	Takapuna Primary School	23 Auburn Street,												Electricity		
			Takapuna														
Education		Takupau School	Charles Street, Takupau	RADCO		Firetube 1953		Hot Water	0.3					75	Coal		
Education		Tamatea High School	TAMATEA Napier	uncertain		Waterwall 1974		Hot Water							Coal		
Education	P810200	Tangaroa College	68 Dawson Road	HEATPAK		1978				4	80		у		Coal		
			Otara, Manukau City, Auckland														
Education		Taoroa	42 Pukeokahu Road, Taihape	,											Electricity		
			Ташарс														
Education		Taradale High School	NO BOILER			2008									Electricity		
Education		Taradale High School	NO BOILER												Electricity		
Education	P810200	Tararua College	Churchill Street, Pahiatua	HOVAL		Watertube 1986	0.4	Hot Water	7.2			0.24		75	Gas		
Education	P802100	Target Road Primary	80 Target Road	H&P		Watertube 1973		Hot Water						22	HUNTLY		
Laucation	1 302100	School School	Sunnynook, Glenfield North	1100.F		watertube 1975		nor water						22	PEA		
			Glenfield North Shore 0629												COAL		
Education	P810200	Tauhara College	Invergarry Road, Hilltop 3330 Taupo	YGNIS AQUATHER		Watertube 1998	0.75	Hot Water	5			0.9		80	Gas		
Education	P802100	Taumarunui Primary	NO BOILER	M											NB		
Education	P802100	Taumarunui Primary School	NO BOILER												NB		

Education		Taupaki School	NO BOILER									NB	
Education		TAUPO INTERMEDIAT School	E TAUPO		Waterwall 1983		Hot Water					Coal	
Education	P810200	Tauranga Girls College	930 Cameron Road, Gate Pa, Tauranga		Firetube Late 19	90s						Natural Gas	
Education	P810200	Tauranga Girls College	930 Cameron Road, Gate Pa, Tauranga		Firetube 2001							Natural Gas	
Education	P810200	Tauranga Girls College	930 Cameron Road, Gate Pa, Tauranga		Firetube 2000							Natural Gas	
Education		TAURANGA INTERMEDIATE School	TAURANGA	NEW ROBIN SENIOR	Watertube 1961		Hot Water	10			70	coal OHAI PEAS	
Education		TAURAROA AREA School	TAUROA	BEACON	cross tube 1982 vertical baler		Hot Water	0.43			82	Coal	
Education	P810200	TE AROHA COLLEGE	TE AROAHA	ROBIN HOOD	Waterwall 1955		Hot Water				58	coal OHAI PEAS	
Education	P810200	Te Aroha College	104 Stanley Ave., To Aroha	e	Water 1958 tube				1721000 BTU/hr output			Coal Huntly peas	
Education	P802100	Te Aroha Primary School	56 Whitaker Street, Te Aroha		Water 2008 tube				•			Wood pellets	
Education		Te Awamutu College	938 Alexandra Street Te Awamutu	t, AQUATHER M YGNIS	Firetube 1995	0.95	Hot Water	5		0.57	80	Gas	
Education	P810200	Te Awamutu College	938 Alexandra Street Te Awamutu	t,								Electricity	
Education	P810200	Te Awamutu College	938 Alexandra Street Te Awamutu	t,								Natural gas	
Education		TE KAO School	Kaitaia	HEATSERVE	Watertube 1968	0.088	Hot Water					Coal	
Education		Te Karaka Pre School	Kanakanaia Road, Te Karaka									Electricity	
Education		Te Kauwhata	NO BOILER									NB	
Education	P810200	Te Kauwhata College	50-64 Waerenga Road, Te Kauwhata		04/01/20	004	hot water					Diesel 300 L	
Education	P802100	Te Kuiti PRIMARY Scho	ol Te Kuiti	HEATPAK	Watertube 1970		Hot Water	4.5			75	coal OHAI PEAS	
Education		Te Kura Kaupapa Maori o Te Matai	309 State Highway 2 Waitangi, Te Puke	2								Electricity	
Education		Te Kura Kaupapa Maori o te Wananga Whare Tapero o Takitimu	706 Albert Street, e Hastings		07/02/1	905						Electricity	
Education		Te Kura Maori o Nga Tapuwae	NO BOILER									NB	
Education		Te Kura o Hata Maria	42 Te Riha Rd, Pawarenga									Electricity	
Education		TE KURA O HIRANGI School	Turangi	Н&Р	Watertube 1968	0.0017	Hot Water			0.00068	80	Coal	
Education		Te Kura o Matapihi	NO BOILER									NB	

Education		Te Kura o Ngati Haua	NO BOILER											NB			
Education		TE KURA O OTANGAREI School	NO BOILER			2	008							electricity			
Education		Te Kura o Te Paroa	NO BOILER											NB			
Education			NO BOILER			2	008							electricity			
Education		School Te Kura o Waikare	NO BOILER											NB			
Education		TE MATA School	NO BOILER			2	008							electricity			
Education		Te Papapa School	219 Mt Smart Road, Onehunga	l,										Natural Gas			
Education		Te Puke Intermediate	Stopford Road, Te											Wood			
			Poi, Matamata											waste			
Education		Te Waha o Rerekohu Area School	3 Arewhana Street, Te Araroa			0	3/01/2010							Electricity			
Education		Te Waka Huruhurumanu k Otautahi	i 18 Williams St., Christchurch			2	002							Electricity			
Education		Te Wharekura o Te	117 Buckland Street	t,		Firetube								Coal			
		Kaokaoroa o Patetere	Putaruru											Huntly peas			
Education		Te Wharekura o Te Kaokaoroa o Patetere	117 Buckland Street Putaruru	ι,										Natural gas			
			117 Buckland Street														
Education		Te Wharekura o Te Kaokaoroa o Patetere	Putaruru	ι,										Electricity			
Education		Templeton	40 Kirk Rd											Electricity			
Education		Thames High School	Christchurch 400 Sealey Street Thames			2	009							Wood waste			
Education		THAMES School	THAMES	HAMILTON		1	965	0.105	Hot Water			0.021	80	Coal			
		THE CATE ING AREA	0.1	DO 1 G 10110			002							chips/fines			
Education Education		School	Owaka NO BOILER	BOAG 48/10		Watertube 1	982 008		Hot Water				65	kai point coal Electricity			
Education		Thorrington School	22a Colombo St,	Taymac 36	Taylor	Watertube 1								Licencity			
Education	P802100	Tiaho Primary School	Christchurch NO BOILER		Taylor 200TMU									NB			
Education		Tikipunga High School	Corks Rd, Whangare	ei		watertube 1	975							Coal Huntly			
Education		Tikorangi School	NO BOILER											peas NB			
Education		TIMARU GIRLS HIGH	TIMARU	HAMILTON		1	979	0.513				0.64638		coal OHAI			
		School		HEATPAK										PEAS			
Education	P802100	TIRIMOANA PRIMARY School Tirimoana School	Te Atatu South, Auckland 34 Kokiri Street, Te	H&P		Watertube 1	969	0.15	Hot Water	1.4		0.06	80	Coal			
Education		i irimoana School	34 Kokiri Street, Te Atatu South											Coal Huntly peas			
Education		Tirimoana School	34 Kokiri Street, Te Atatu South											Electricity			

Education		TISBURY School	Invercargill	RADCO	Watertube		Hot Water	6.9		38	coal OHAI PEAS		
Education		Titahi Bay Intermediate	Kahutea Terrace, Porirua								Natural gas		
ducation		TKKM RUAMATA	NO BOILER		2008						Electricity		
ducation		School TOKOMAIRIRO HIGH School	Milton, OTAGO	HAMILTON	Watertube 2000	0.25	Hot Water	5	0.2	66	coal OHAI PEAS		
lucation		TOKOROA Central Schoo		HOVAL	Waterwall 1988		Hot Water				Gas		
lucation		Tokoroa Central School	NO BOILER								NB		
ducation		TOLAGA BAY AREA	NO BOILER		2008						Electricity		
ducation		School TONGARIRO School	Turangi	BOAG 48/10	Watertube 1988			3		70	Coal		
	D002400		-		Watertabe 1900	0.000		4					
ducation	P802100	TRENTHAM PRIMARY School	TRENTHAM UPPER HUTT	PENSOTTI E60 SANGIORIO REGENCY		0.0698	Hot Water	4		90	Gas		
ucation	P802100	TRENTHAM PRIMARY School	TRENTHAM UPPER HUTT		2008								
ucation		Trident High School	Arawa Rd, Whakatane								Electricity		
lucation	P810200	Tuakau College	Elizabeth St. Tuaka	nu	Watertube 1974						Diesel		
lucation	P810200	Tuakau College	NO BOILER		as blocks completed						Electricity		
ucation	P802100	TUAKAU PRIMARY School	TUAKAU	BEACON	Watertube 1978	0.165	Hot Water	2	0.086625		coal OHAI PEAS		
ucation	P810200	TUATAPERE COMMUNITY COLLEGE	TUATAPERE E	BOAG 48/10	Watertube 1983		Hot Water			65	Coal		
lucation		TUI GLEN School	Stokes Valley, LOWER HUTT	REGENCY GBS SERIES 2	Watertube 1998	0.2	Hot Water		0.064	80	Gas		
ucation		Tuturumuri	RD 2 White Rock Road, Martinboroug								Electricity		
lucation lucation lucation	P810200 P810200 P802100	University College University College Upper Hutt Primary	Leith St Dunedin Leith St Dunedin Martin St. Upper Hutt			1 0.7	HW HW				Coal 550? Diesel 40000 Electricity	tonnes litres	
ucation		VALLEY School	Pukekohe, Aucklan	nd H&P	Waterwall	0.1	Hot Water	1.7	0.04		coal OHAI PEAS		
ucation	P810200	Verdon College	Rockdale Road Invercargill	AQUATHER M	Watertube 1985	0.9	Hot Water	2.2	0.8505	110	Electricity		
lucation		Victory Primary School	214 Vanguard Stree Nelson South	et,	Firetube 1996	0.3					Nelson Growers Blend (Coal)		
lucation		Victory School	214 Vanguard St Nelson								Coal	tonnes	
ucation		WA ORA MONTESSORI School	NO BOILER		2008						LPG		
ucation		Waerenga-o-Kuri School	1763 Tiniroto Rd,		2000						Electricity		
ucation		Waerenga-o-Kuri School	Gisborne 1763 Tiniroto Rd, Gisborne		2008						Electricity		
lucation		Waianiwa School	244 Argyle-Otahuti Rd, Invercargill	Sime	2010	0.17					Diesel		
ducation		Waiheke High School	11 Donald Bruce Ro Waiheke Island	d.							Coal Huntly peas		

Education	P810200	Waihi College	Kensington Road, Waihi			Firetube 198	35							Coal Huntly peas			
Education	P810200	Waihi College	Kensington Road, Waihi			200	08							Electricity			
Education		Waikaia	22 Leamington,		Aquatherm	198	36	0.02									
Education		Waikaka School	Waikaia Matheson Road,	Britannia		190	02s										
Education		Waikato Montessori	Waikaka 267 Newell Rd,					0.03									
Education		Education Centre WAIKITE VALLEY	Hamilton Rotorua	HEATSERVE		200	08		Hot Water	4.8			70	Coal			
Education	P810200	School WAIKOHU COLLEGE	Te Karaka	RADCO		Waterwall 197	18		Hot Water					coal OHAI			
														PEAS			
Education		WAIKOUAITI School	WAIKOUAITI	ROBIN HOOD		195	55		Hot Water	0.7			43	coal OHAI PEAS			
Education	P802100	Waikowhai Primary	381 Hillsborough Road											Electricity			
Education		Waikuku	NO BOILER											NB			
Education	P802100	Waima Primary School				200	07							Electricity			
Education		Waimana	6 Raroa Road Waimana			Coa Ma	al 1981 rch							Coal Huntly peas			
Education		Waimana	NO BOILER			200	08							Electricity			
Education		WAIMATE HIGH School	WAIMATE	TAYMAC		Waterwall 200	07		Hot Water	4.4			40	COAL -			
Education		Waingaro School	5844 SH 22,			200								Blend 2 Electricity			
		-	Waingaro 5844 SH 22,			200											
Education		Waingaro School	Waingaro			200)/							Electricity			
Education		Wainui Beach School	NO BOILER											NB			
Education	P810200	Waiopehu College	Bartholomew Road, Levin														
Education		Waiotahe Valley	Gabriels Gully Rd, Opotiki			200	17							Electricity			
Education		Waiotira School	NO BOILER											NB			
Education	P802100	WAIPAHIHI PRIMARY School	Taupo	RENDAMAX R30		200	07	0.12	Hot Water	6		0.066		Gas			
Education	P802100	WAIPU PRIMARY School	ol NO BOILER			200	08							Electricity			
Education		Wairau Intermediate	Becroft Drive, Auckland														
Education	P810200	WAIROA COLLEGE	NO BOILER			200	08							Electricity			
Education	P810200	Waitakere College	42 Rathgar Road, Waitakare 0610	AQUATHER M YGNIS		200	06	0.95	Hot Water	0.35		0.38		Gas			
Education	P802100	WAITAKERE PRIMARY School		CUDDON		Waterwall 197	70		Hot Water	1			55	coal OHAI PEAS			
Education		Waitakere SDA School	26 Corban Ave Henderson			01/	01/2010							Electricity			
Education		Waitaki Girls High School	270 Thames Street Oamaru 9400	TAYMAC		200	05	1.229	Hot Water	2		0.4916	82	coal OHAI PEAS	tonnes		
Education		WAITARA EAST School	NO BOILER			200	08							Electricity			

Education		Waitati School	NO BOILER									NB	
Education	P802100	Waiuku Primary	21 George Street. Waiuku									Electricity	
Education		Waiwera South	16 May Street, Waiwera South									Electricity	
Education		WAKAARANGA School	Pakuranga, Auckland	d FERROLI		20	103	Hot Water	0.025		78	Gas	
Education		Wakaaranga School	NO BOILER									NB	
Education	P802100	WATERLEA PRIMARY School	Mangere Bridge, Auckland	HAMILTON		Watertube 19	88 0.16	Hot Water		0.0384	78	Coal	
Education		WAVERLEY Park School	-	CRANE WHITEHALL No.26 SECTIONAL BOILER		Waterwall 19		Hot Water		0.26496	49	coal OHAI PEAS	
Education	P802100	Weedons Primary	Weedons Ross Road Christchurch	1,		>2	2003					Electricity	
Education	P802100	Weedons Primary	Weedons Ross Road Christchurch	1,		20	004					Electricity	
Education		WELBOURN School	New Plymouth	SANGIORGIO		20	0.27	Hot Water	5	0.0324		Gas	
Education		Welcome Bay School	309 Welcome Bay Road, Welcome Bay	,		Watertube 19	79					Coal Huntly peas	
Education		Welcome Bay School	NO BOILER			20	109					Electricity	
Education		Welcome Bay School	NO BOILER									Electricity	
Education		Wesley Intermediate	Sandringham Road Extn. Auckland			20	01??					Natural gas	
Education		Wesley Intermediate	NO BOILER			20	109?					Electricity	
Education		West Eyreton	North Eyre Road, West Eyreton									electricity	
Education		West Harbour School	Oriel Ave.Massey Auckland	Cuddon Products Blenhiem	type b1 serial number 71078	Watertube							
Education		WESTBRIDGE RESIDENTIAL School	MASSEY, Auckland	1 HOVAL		Waterwall 19	83					Gas	
Education		Westbrook School	NO BOILER									NB	
Education		WESTBURN School	Ilam, Christchurch	AQUATHER M YGNIS		Waterwall 20	00 0.2	Hot Water	5	0.07	68	Oil/Diesel	
Education	P810200	WESTERN SPRINGS COLLEGE	Westmere	Energy Products International		Reverse 20 Flame Fire Tube	0.6	Hot Water	1	0.153	76	Gas	
Education		Westland High School	Sale St Hokitika	BINDER	RRK 400600	Firetube 20	0.5						

Education		Westminster	31 Westminster Gardens, North Shore, Auckland		2000	0.004					Electricity		
Education		Westminster	31 Westminster Gardens, North Shore, Auckland		2004	0.001					Electricity		
Education		Weston School	Charles St Oamaru								Coal		
Education		WESTPORT SOUTH	WESTPORT	TAYMAC	1996	0.3	Hot Water	4.4	0.06	60	Coal		
Education		School WEYMOUTH INTERMEDIATE School	SOUTH School Manurewa, Auckland	1 HSV 75 CROSSWATE R TUBE TYPE	Waterwall 1988	0.3	Hot Water	0.6	0.08925	76	HUNTLY PEA COAL		
Education	P802100	Whanganui EAST	Whanganui	AQUATHER	Waterwall 1988		Hot Water	5		75	Gas		
Education		PRIMARY School Whanganui HIGH School	Whanganui HIGH School - boiler 1	M SANGIORGIO	Watertube 1995	0.084	Hot Water	5	0.0546	90	Gas		
Education		Whanganui HIGH School	Whanganui HIGH School - boiler 2	INFINITY 24 plus RINNAI	Watertube 2000	0.053	Hot Water		0.10335	60	Gas		
Education		Whangara School	44 Pa Road, Gisborne		2010	0.71					Electricity		
Education		Whangara School	44 Pa Road, Gisborne		2005	0.6					Electricity		
Education		Whangara School	44 Pa Road, Gisborne		2009	0.5					Electricity		
Education		Whangarei Boys High School	Kent Road Whangarei	Hoval SR 134	Other 1994	0.6							
Education		Whangarei intermediate School	NO BOILER								NB		
Education		WHARENUI School	Christchurch	TAYLOR	1993		Hot Water	0.7		72	Coal		
Education		Whataroa School	65 Scally Road, Whataroa, West Coast								Electricity		
Education		Whataroa School	65 Scally Road, Whataroa, West Coast								Electricity		
Education		Whataroa School	65 Scally Road, Whataroa, West Coast								Electricity		
Education		Whataroa School	65 Scally Road, Whataroa, West Coast								Electricity		
Education		Whenuakura	NO BOILER								NB		
Education		WHITIORA School	NO BOILER		2006						Electricity		
Education		Whitiora School	NO BOILER								NB		
Education	P810200	William Colenso College	21 Armold Street Onekawa, Napier 4110	VEKOS POWERMAS TER	Watertube 1975	0.98	Hot Water	3.4	0.4704	75	Coal		
Education		Willow Park School	Northcote, Auckland	HSV 75 CROSSWATE R TUBE TYPE	Watertube 1967	0.22	Hot Water	1	0.0924	80	Coal		
Education		Willow Park School	Compton St Hillcrest Auckland										

Education		Wilson School	1A St Leonards Road, Takapuna, Auckland								
Education		Winchester	552 Ruahine Street, Palmerston North		1999	0.278				Natural gas	
Education		Winchester	NO BOILER							Electricity	
Education		Winchester Rural School	NO BOILER		2006					Electtricity	
Education		Windsor North	91 Chelmsford Street, Invercargill		watertube 1969					Kai Point coal	
Education		Windsor North	91 Chelmsford Street, Invercargill		1969					Electricity	
Education		WINDSOR School	NO BOILER		2008					Electricity	
Education	P802100	WINDY RIDGE PRIMARY School	Glenfield, Auckland BEACON		Watertube 1993	Hot Water			60	coal OHAI PEAS	
Education		WIRI Central School	WIRI CUDDON		Watertube 1979	Hot Water	0.85		75	coal OHAI PEAS	
Education		Wiri Central School	Inverell Avenue, Manukau City								
Education		Witherlea	Upper Weld St. Blenheim							Coal Reefton blend	
Education		Woodbury School	NO BOILER							NB	
Education		WOODLAND Park School	ol WOODLAND Park BRITANN	IΑ	2008	Hot Water				Coal	
Education	P802100	WOODLANDS FULL PRIMARY School	School Invercargill FERROLI		Watertube 2003	Hot Water				Oil/Diesel	
Education		Woodville School	NO BOILER							NB	
Education		WOOLSTON School	NO BOILER		2008					electricity	

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model		Year Installed	Size MW		Maximum	Normal	Normal	Normal Hours	Normal Days	Boiler Annual	Winter Heating	Annual	Normal Boiler	Fuel Type	Annual Fuel Use		Fuel CV		
	Code				No.	Type	Installed	NI W	Type	Output Amount t/hr	Operating Pressure bar	Operating Output MW	Operated per	Year	Heat	Only?	Cogen Elec.Output	Operating		for Boiler Only		kJ per Fuel Unit		
ļ													Day		Output GWh		kWh	Temperature oC		Only				
																								1
Food		Food Processing (incl bever BAKELS EDIBLE OILS	BAKELS EDIBLE	SCOTT			2006	5.3	Saturated	6.81	12				44.52				Gas					
Processing (incl	C115000		OILS						Steam															
Food Processing		BAKELS EDIBLE OILS	BAKELS EDIBLE OILS	EASTEEL			2004	2.1	Saturated Steam	2.72	10				17.64				Gas					
(incl Food	C115000	BAKELS EDIBLE OILS		EASTEEL			2002	1.4	Saturated	1.81	10				11.76	,			Gas					-
Processing (incl	C115000		OILS	-					Steam															
Food Processing		BAKELS EDIBLE OILS	BAKELS EDIBLE OILS				2007	1.2	Saturated Steam		100				10.08				Gas					
(incl Food	C115000	BAKELS EDIBLE OILS	BAKELS EDIBLE	EASTEEL			1996	0.7	Heated Oil						5.88				Gas					
Processing (incl	C115000		OILS																					
		BARKERS	BARKERS	ANDERSON		Firetube	2001	1	Saturated Steam		2.6				7.488			140	Oil/Diesel					
Food	C1140	Bens Oil							bicum							No					litres			
Processing (incl		Jens Ju																			cs			
beverages)	C115000		42 Quarantine Rd Nel																Waste Oil	100000?				
Food Processing		BIOFARM PRODUCTS	BIOFARM PRODUCTS	HOVAL			1986	0.36	Hot Water						3.14496	Ó		95	Oil/Diesel					
(incl Food		CANARY ENTERPRISES	CANARY					0.21	Hot Water						0.84			90	Gas					
Processing (incl			ENTERPRISES																					
Food Processing (incl	C1140	CEDENCO FOODS	GISBORNE LYTTON RD	ANDERSON				1.4	Saturated Steam	1.81	10				4.2336				Gas					
Food Processing	C1140	CEDENCO FOODS	GISBORNE INNES ST	ANDERSON		Firetube	1970	5.4	Saturated Steam	7.03	10				24.948			184	Gas					
(incl Food	C1140	CEDENCO FOODS	GISBORNE INNES	ANDERSON		Firetube	1987	2.3	Saturated	2.95	10				11.9784			184	Gas					
Processing (incl	C1140	CEDENGO FOODS	SI CIEDODAIE DAVICE	ANDERCON		Pinant.	1980	2.6	Steam	4.7	10				16 622			104	Gas					ļ
Food Processing (incl	C1140	CEDENCO FOODS	GISBORNE INNES ST			Firetube			Saturated Steam	4.7	10				16.632			104						
Food Processing (incl	C1140	CEDENCO FOODS	GISBORNE INNES ST	FOSTER WHEELER (MCKENZIE		Watertube	1970	14	Saturated Steam		10				30.576				Gas					
Food Processing (incl	C1140	CEDENCO FOODS	WHAKATAU HASTINGS	EASTEEL			1989	1.4	Saturated Steam	1.81	10				4.3008				Gas					
Food Processing (incl	C1140	CEDENCO FOODS	WHAKATAU HASTINGS	EASTEEL			1987	1.4	Saturated Steam	1.81	10				2.184				Gas					
Food Processing	C1140	CEDENCO FOODS	WHAKATAU HASTINGS	EASTEEL			1991	1.1	Saturated Steam		8				3.96	j.			Gas					
Food Processing	C1140	Cerebos Gregg's Ltd	291 East Tamaki Road					0.18					8	260		no			Natural Gas					
Food Processing		Cerebos Gregg's Ltd	292 East Tamaki Road					1.08					8	260		no			Natural Gas					
(incl Food Processing	C1199	Chelsea Sugar Refinery	North Shore City					30								no			Natural Gas					
(incl Food	C1181	CLOVER EXPORT	CLOVER EXPORT	CUDDON		Watertube	1983	0.4	Hot Water						1.152			96	Coal					
Processing (incl																								
Food Processing	C121100	COCA COLA AMATIL	East Tamaki Manukau City	ANDERSON			1974	1.4	Saturated Steam	1.81	10.5		24	365	12.2304	no			Natural Gas					
Food Processing		COCA COLA AMATIL	East Tamaki Manukau City	AQUATHER M YGNIS			1999	1.8	Hot Water		2		24	365	15.7248	no		84	Natural Gas					
(incl Food Processing	C121100	DB & TUI	DB & TUI	BABCOCK			1985	7.5	High Pressure		10				63			165	Dual gas/diesel					
(incl Food	C121400	DB BREWERIES	SOUTH	EASTEEL		Watertube	1999	6	Hot Water Saturated		10		12	312	51.408	no			Gas					
Processing (incl	C1212		AUCKLAND						Steam															

Food		DB BREWERIES	SOUTH	EASTEEL	Watertube	1999	- 6	Saturated		10	12	312		no		Gae				
Processing	C1212	DB BREWERIES	AUCKLAND	LASTELL	watertube	1995		Steam		10	12	312		no		Gas				
Food Processing (incl	C1212	DB BREWERIES	SOUTH AUCKLAND	YGNIS		1992	3.5	Hot Water		4.5	12	312	10.192	no	124	Gas				
Food Processing	C1212	DB MAINLAND BREWERY	MAINLAND	ANDERSON	Firetube	1976		Saturated Steam	6.5	10			30.6	5	184	Coal				
Food Processing	C1212	DB MAINLAND BREWERY	MAINLAND	ANDERSON	Firetube	1976	5	Saturated Steam	6.5	10					184	Coal				
(incl Food Processing		DEEP SOUTH ICE CREAM	Invercargill	ANDERSON	Watertube	1980	0.42	Steam	0.54	3.5			0.9828	i		Oil/Diesel				
(incl Food Processing	C113200	ENZA FOOD	ENZA FOOD	EASTEEL - STEAMPAC	Firetube	1996	6	Saturated Steam		10.4			44.64			Gas				
fincl Food Processing	C1140	ENZA FOOD	ENZA FOOD	EASTEEL - STEAMPAC	Firetube	1980	5.6	Saturated Steam		10.1			41.664			Gas				
(incl Food Processing	C1140	Enzafoods NZ	Coventry Rd Hastings			2008 consented	5.4									Diesel/natu ral gas				
(incl beverages)	C1140															boiler				
Food Processing (incl		Enzafoods NZ	Coventry Rd Hastings	VISDAMAX		2008 consented	7									Wood				
beverages) Food	C1140	Fresher Foods	Manukau City				1.7				8	260		no		Natural gas				
Processing (incl Food	C11	Fresher Foods	Manukau City				1.7				8	260		no		Natural gas				
Processing (incl Food	C11	FRUCOR BEVERAGES	Manukau City	ANDERSON		1984	1.4	Steam	1.81							Natural gas				
Processing (incl Food	C121100	FRUCOR BEVERAGES	Manukau City	ANDERSON		1984	1.4	Hot Water	0.45				8.064			Natural gas				
Processing (incl Food	C121100	FRUCOR BEVERAGES	Manukau City	BABCOCK &		1998	1.2	Saturated		10	24	365	4.608			Natural gas				
Processing (incl Food	C121100	FRUCOR BEVERAGES		WILCOX EASTEEL		2003		Steam Saturated		10	24	365	18.5472			Natural gas				
Processing (incl Food	C121100	Griffins Foods Ltd	Griffins Foods				1.47	Steam			13.3	312				Natural gas				
Processing (incl Food	C1173		EAST TAMAKI	WANSON		1996		Saturated	1.81	15			14.88		200					
Processing (incl Food	C11	GOODMAN FIELDER	EAST TAMAKI	VAPOURAX ANDERSON	Firetube	1974		Steam Saturated	1.81				7.896			Gas				
Processing (incl Food	C11	GOODMAN FIELDER	EAST TAMAKI	GEKA	Watertube	1994		Steam Saturated	1.945	75					291					
Processing (incl Food	C11	GOODMAN FIELDER	EAST TAMAKI	GLKA	Heating	1995	1	Steam	1.943	/3					291	- Cus				
Processing (incl	C11	GOODMAN FIELDER	EAST TAMAKI		plant less than 1	2006	4.5													
Food Processing (incl Food	C11	HARRAWAY & SONS	HARRAWAY &	ANDERSON	Eiratyka			Saturated	1.01	10			2.5			oat husk			 	
Processing (incl	C116	LTD	SONS LTD		Firetube	1964		Steam	1.81	10			3.3							
Food Processing (incl	C116	HARRAWAY & SONS LTD	HARRAWAY & SONS LTD	SCOTT	Firetube	1991		Saturated Steam		10			6.72			oat husk				
Food Processing (incl		HEALTHERIES OF NZ LTD	HEALTHERIES OF NZ LTD					Steam												
Food Processing (incl	C11	HEINZ WATTIES	HEINZ WATTIES		Watertube	1999			14	11			67.2			Gas				
Food Processing (incl	C11	HEINZ WATTIES	HEINZ WATTIES		Watertube	1999			14	11						Gas				
Food Processing (incl	C11	HEINZ WATTIES	HEINZ WATTIES	EASTEEL	Firetube	1999	6	Steam		11			33.048			Gas				

Food Processing	CII	HEINZ WATTIES	HEINZ WATTIES	FOSTER WHEELER (MCKENZIE	Watertube	1974	7	Saturated Steam	13	11						190	Gas					
(incl Food Processing	au.	HEINZ WATTIES	HEINZ WATTIES	FOSTER WHEELER	Watertube	1974	7	Saturated Steam	13	11			16.464			190	Dual gas/diesel					
(incl Food Processing	CH	HEINZ WATTIES	HEINZ WATTIES	(MCKENZIE FOSTER WHEELER	Watertube	1974	7	Saturated Steam	13	11			16.464			190	Dual gas/diesel					
(incl Food Processing	C11	HEINZ WATTIES	HEINZ WATTIES	(MCKENZIE EASTEEL	Watertube	1998	10	Saturated Steam	15	11			84				Gas					
(incl Food	C11	HEINZ WATTIES	HEINZ WATTIES	EASTEEL	Watertube	1998	10	Saturated	15	11			84				Gas					
Processing (incl Food	C11	HI TECH FOODS	HI TECH FOODS	SCOTT	Firetube	1979	1.2	Steam	1.81	10			8.8128				LPG/Butan					
Processing (incl								Steam				200					e					
Food Processing (incl	C116		HUBBARD FOODS		Watertube	1990	1.4	Saturated Steam	1.81	10.4	16	208	8.568	no			Gas					
Food Processing (incl.	C116	HUBBARD FOODS	HUBBARD FOODS	EASTEEL	Watertube	1990	1.4	Saturated Steam	1.81	10.4	16	208	8.568	no			Gas					
Food Processing	C1171	Irvines Quality Bakers	Manukau City				1.3				20	364		no			Natural gas					
(incl Food Processing		Irvines Quality Bakers	Manukau City				1.3				20	364		no			Natural gas					
(incl Food Processing		Jack Links NZ Ltd	Jack Links				0.96				8	312		no			Natural gas					
Food Processing	C1113	JH WHITT AKER	JH WHITTAKER			1988	0.15	Saturated Steam		10.34			0.27				Electricity					
(incl Food	C1182	KAPITI FINE FOODS	KAPITI	AQUATHER		2001	2.3	Hot Water		3.5			19.7064			98	Gas					
Processing (incl Food	C113	KAPITI FINE FOODS	Palmerston North	M AQUATHER		2006	0.95	Hot Water					8.2992			97	Gas					
Processing (incl Food	C113	KAPITI FINE FOODS	Palmerston North	M AQUATHER		2006	0.95	Hot Water					8.2992			97	Gas					
Processing (incl	C113		Danisco NZ	М							24	364										
	C11	Kerry Ingredients Ltd					1.2				24	304					Natural gas					
Food Processing (incl	C113200	KIWI ICECREAM	Kiwi Icecream	YGNIS		1990		Hot Water					2.4			90	Gas					į
Food Processing	C113200	KIWI ICECREAM	Kiwi Icecream	YGNIS		2006	0.3	Hot Water					1.8			90	Gas					
Food Processing (incl		Laurensons Bakeries	Highgate Dunedin																litres			
beverages)	C1171	LEAN MEATS OAMARU	LEAN MEATS	TAYLOR		1984	0.75	Hot Water		4.4			6.048			90	Diesel :	216000?				
Processing (incl	C111	LTD LION BREWERIES	OAMARU LTD DUNEDIN	SCOTT																		
Food Processing (incl	C1212					1920	1						1.92				Coal					<u> </u>
Food Processing (incl	C1212	LION BREWERIES	DUNEDIN	SCOTT		1984	1.4						2.688				Coal					
Food Processing	C1212	LION BREWERIES	DUNEDIN	SCOTT		1984	1.4										Coal				 	
Food Processing		LION BREWERIES	DUNEDIN	SCOTT		1920	1.4										Coal					
(incl Food Processing		LION NATHAN	Newmarket Auckland City	EASTEEL		1997	6	Saturated Steam	9	10.5	24	260	44.928	no		186	Gas					
(incl Food Processing	C1212	LION NATHAN	Newmarket Auckland City	EASTEEL		1999	3	Saturated Steam	4	10.5	24	260		no		186	Gas					
(incl Food Processing	C1212	LION NATHAN	CHRISTCHURCH	BABCOCK	Firetube 3	1982	4.55	Saturated Steam		4			24.57			159	Coal					
(incl Food	C1212	LION NATHAN	CHRISTCHURCH	BABCOCK	Firetube	1982	4.55	Saturated		8			24.57		+	175	Coal					
Processing (incl	C1212							Steam														

Food		LION NATHAN	COMPANY SHED	AQUAHEAT		Watertube	2001	0.625	Saturated	1	37				2.7625		240	Gas					
Processing (incl	C1212		22 BREWING CO						Steam														
Food	CIZIZ	LION NATHAN	LION BREWERIES	AOUAHEAT			2006	0.9	Hot Water				1		6.7392			Gas					
Processing			AUCKLAND																				
(incl	C1212																						
Food Processing		LION NATHAN	LION BREWERIES AUCKLAND				1986	0.9	Hot Water									Gas					
(incl	C1212		AUCKLAND																				
Food		LION NATHAN	LION BREWERIES	AQUAHEAT			2006	1.758	Hot Water						13.163904			Gas					
Processing	GIAIA		AUCKLAND																				
(incl Food	C1212	LION NATHAN	LION BREWERIES					1.76	Hot Water				-					Gas					
Processing		LION NATHAN	AUCKLAND					1.70	riot water									Gas					
(incl	C1212																						
Food		LION NATHAN	LION BREWERIES																				
Processing	C1212		Dunedin																		170.50126		
(incl		Marisco Vineyards	Marlborough					0.24										Diesel boile	r		170.30120		
Food		MCCAIN	MCCAIN	SCOTT			1989		Saturated		8				6.048			Gas					
Processing									Steam														
(incl	C1140																						
Food		MCCAIN	MCCAIN	SCOTT			1989	1.4	Saturated		8							Gas					
Processing (incl	C1140			l					Steam														
Food		MCCAIN	MCCAIN	SCOTT			1989	1.4	Saturated		8							Gas					
Processing								1	Steam								ĺ						
(incl	C1140		L														ļ						
Food		MCCAIN	MCCAIN	SCOTT			1989	1.4	Saturated		8							Gas					
Processing (incl	C1140			l					Steam														
Food		MCCAIN	MCCAIN	EASTEEL -				1.4	Saturated		8				7.056			Gas					
Processing				STEAMPAC					Steam														
(incl	C1140																						
Food		MCCAIN	MCCAIN	EASTEEL -				1.4	Saturated		8				7.056			Gas					
Processing (incl	C1140			STEAMPAC					Steam														
Food	C1110	MCCAIN	MCCAIN	EASTEEL			2004	2.3	Steam						11.592			Gas					
Processing																							
(incl	C1140																						
Food		MCCASHINS BREWERY	NELSON	SCOTT			1982	1.3		1.8	10.34				2.6			LPG/Butan					
Processing (incl	C1212																	e					
Food		McCashins Brewery	660 Main Rd Stoke	Vekos												No		Coal	360?	tonnes			
Processing			Nelson																				
(incl																							
beverages)	C1212																						
		Meadow Fresh Foods	Donald Street					2															
	C11		Dunedin															Coal					
Food		MEADOW LEA FOODS	MEADOW LEA FOODS	GEKA			1994		Saturated		80							Gas					
Processing (incl	C1150		FOODS						Steam														
Food		MEADOW LEA FOODS	MEADOW LEA	AQUAHEAT		Watertube	2004	3.1	Saturated	4.5	20		24	364				Gas					
Processing			FOODS						Steam														
(incl	C1150	METEOMA	METERON	AND DE CO.																			
Food		MEADOW LEA FOODS	MEADOW LEA FOODS	ANDERSON		Firetube	1979	2.3	Saturated	3	10						184	Gas					
Processing (incl	C1150		POODS						Steam														
Food		MEADOW LEA FOODS	MEADOW LEA	GEKA			1989	3.4	Saturated	6.3	20		24	364				Gas					
Processing			FOODS						Steam														
(incl	C1150	ME LEGISLE CO.	ME (DOWN I D)	D. COMPEN			207		0					2.1									
Food		MEADOW LEA FOODS	MEADOW LEA FOODS	EASTEEL - STEAMPAC		Watertube	2006	8	Saturated Steam	12	17		24	364	67.2			Gas					
Processing (incl	C1150		10003	31 EAWIF AC					Sicam														
Food		MILLIGANS FOOD	MILLIGANS FOOD	SCOTT		Firetube	1972	0.9	Saturated		7				1.872		170	Oil/Diesel					
Processing								1	Steam								ĺ						
(incl Food	C11	MONTEITHS BREWING	MONTEPLIC	ANDERSON		Firetube	1960	٠.	Saturated	2.72					9.072		101	Coal					
Processing		COMPANY	BREWING	ANDERSON		ruetube	1960	2.1	Saturated Steam	2.72	10				9.072		184	coai					
(incl	C1212	COM ANI	COMPANY	l					Jean														
Food		MONTEITHS BREWING	MONTEITHS				1950	1.7	Saturated		8.6						178	Coal					
Processing	CIAIA	COMPANY	BREWING	l					Steam														
(incl Food	C1212	MT DIFFICULT WINES	COMPANY																				
Food Processing		MT DIFFICULT WINES																					
(incl	C1214		Felton Road Cromwel	Heizomat	RHK-AK 100	Watertube	2009	0.1	Hot Water		2 bar	100kW	10	260		No	78C	Wood Wast	82MWH	Tonnes			
Food		NESTLE	Manukau City	ANDERSON			1988		Saturated	4.54	10		8	260	19.32	no		Natural					
Processing	CH								Steam									Gas					
(incl Food	CH	NICOTI C	Manufact City					0.12						200				Manual					
Food Processing		NESTLE	Manukau City					0.12					8	260		no		Natural Gas					
(incl	C11																	Gas					

т		NIDOMI D	N. 1. 65				0.6					200									
Food Processing		NESTLE	Manukau City				0.6				8	260		no		Natural Gas					
(incl	C11	Northe Release	Highests Dunadia															Etwo			
	C1171	Norths Bakers	Highgate Dunedin				2.046									Diesel		litres			
Food		NZ King Salmon Co Ltd												No		Coal	70?	tonnes			
Processing (incl																					
beverages)	C1120		Bullen St Nelson																		
Food Processing		NZ SUGAR	AUCKLAND	BABCOCK & WILCOX	Watertube	1949	7	Saturated Steam	25	10			42			Gas					ı İ
(incl	C1181																				1
Food Processing		NZ SUGAR	NZ SUGAR CHRISTCHURCH	AQUATHER M		1995	0.1	Hot Water					0.0576		90	Electricity					ı İ
(incl	C1181																				
Food Processing		NZ SUGAR	AUCKLAND	BABCOCK & WILCOX	Watertube	1949	7	Saturated Steam	25	10			42			Gas					ı
(incl Food	C1181																				
Food Processing		Otago Oil	Kaikorai Valley Road Dunedin															litres			
(incl																					
beverages) Food	C1150	Paua Supplies					0.5									Diesel Diesel	2500? 135000?	litres			
Processing		r aua suppnes					1.14									Diesei	133000:	nues			
(incl beverages)																					
Food	C1120	Penford NZ Ltd	Fox St Dunedin Penford (NZ Starch)				10				16	312				Natural gas					
Processing		The same and	Site								.0	312				un gus					
Food		PERNOD RICARD	GLEN INNES	ANDERSON		1974	1		1.36	10.34			8.4		186	Gas					
Processing	C121400														100						
(incl Food	C121400	PERNOD RICARD	GLEN INNES	ANDERSON		1974	1		1.36	10.34			8.4		186	Gas					$\overline{}$
Processing	C121400																				ı
(incl Food	C121400	PREPARED FOODS	PREPARED	ANDERSON	Firetube	1982	0.9	Steam	1.81	6.2			1.656		128	Gas					$\overline{}$
Processing		PROCESSING	FOODS PROCESSING																		ı
(incl Food		PREPARED FOODS	PREPARED	ANDERSON	Firetube	1977	0.9	Steam	1.81	6.2			1.656		128	Gas					
Processing (incl		PROCESSING	FOODS PROCESSING																		ı İ
Food		Quality Bakers Auckland	Manukau City				1.46				24	364		no		LPG		Liters			
Processing (incl	C1171																				
Food		Quality Bakers Auckland	Manukau City				1.46				24	364		no		LPG		Liters			
Processing (incl	C1171																				
Food		Quality Bakers Auckland	Manukau City				1.46				24	364		no		LPG		Liters			
Processing (incl	C1171																				
Food Processing		Quality Bakers Otago	Kaikorai Valley Road Dunedin															litres			
(incl			Dunedin																		
beverages)	C1171															Diesel					
Food Processing		Quality Bakers Otago	Kaikorai Valley Road Dunedin															cubic metres			
(incl			Duncum															metres			
beverages)	c1171				0 1 2											piped gas					
Food Processing					Gas boiler													cubic metres			
(incl																					
beverages) Food	C1171	Quality Bakers Oamaru Reliance Stock Foods	Ayr St Oamaru				0.27									piped gas	240000?	Lituos			
Processing		Renance Stock Poods	Jutland Street Dunedin				0.35											litres			
(incl																					
beverages) Food		SANITARIUM	Auckland City	EASTEEL	Watertube	1990	3	Steam	4.78	0			19.008	no	180	Diesel Gas	20000?				
Processing			. Meximin City	L. D. LELL	, atertude	1990	- 3	- Journal	7.70	,			27.008		160	- Lan					
(incl Food	C11	SANITARIUM	Auckland City	ANDERSON	Firetube	1969	1	Steam		40				no	250	Gas					
Processing	CU		,												250						
Food	CII	SEALORD GROUP LTD	BIRCH ST	ANDERSON	Firetube	1973	1	Saturated	1.25	10					184.13	Oil/Diesel					
Processing	C1120		DUNEDIN					Steam													
(incl Food	C.120	SEALORD GROUP LTD	NELSON	SCOTT	Firetube	1986	9.8	Saturated	4.545	8.5			56.448			Oil/Diesel					
Processing	C1120							Steam		1										1	
(incl Food	C1120	SEALORD GROUP LTD	PARRY ST			2008															
Processing	C1120									1										1	
(incl	C.120	l .	1	1																	

Food		SEALORD GROUP LTD	NELSON	ANDERSON			1975	1.4	Saturated	1.81	10		2.016			light oil					
Processing (incl C	C1120								Steam												
Food		Sealord Products Ltd	149 Vickerman St	Steampak			2003	3.3	Steam					No		LFO	400,000	litres			
Processing			Nelson														,				
(incl																					
beverages) C	21120																				
Food		Sealord Products Ltd	149 Vickerman St	Scott			1978	1.2	Steam					No		LFO	200,000	litres			
Processing			Nelson														,				
(incl																					
beverages) C:	C1120																				
Food		Sealord Shellfish Ltd	Beatty St Nelson				1990	3.3	Steam					No		LFO	600,000	litres			
Processing																					
(incl																					
	C1120																				
Food			SERRA NATURAL	ANDERSON		Firetube	1970	1.1	Saturated		7.5		3.432			Oil/Diesel					
Processing		FOODS	FOODS						Steam										00.040.000		
(incl		0.11.70	D O. D	a m . 1															03 349 6062		
Food		Speights Brewery Limited	Rattray St Dunedin	Scott Taylor																	
Processing (incl																					
	C1212						1995	1.0								Coal					
Food		Speights Brewery Limited	Pattray St Dungdin	Scott Taylor			1995	1.2								Coai		tonnes			
Processing		opeignts niewery Limited	Katuay St Dunedin	Scott Faylor																	
(incl																					
	01212						1995	1.2								Coal		tonnes			
Food		Speights Brewery Limited	Rattray St Dunedin	Scott Taylor			1,,,,	1.2								Com		tomico			
Processing																					
(incl																					
beverages) C	C1212						1995	1.2								Coal		tonnes			
Food		TALLEYS	TALLEYS	SCOTT			1980	1.4	Saturated	1.81			9.6768			Oil/Diesel					
Processing									Steam												
(incl C	C11																				
Food		TALLEYS	TALLEYS	SCOTT			1980	1.4		1.81			9.6768			Oil/Diesel					
Processing (incl C	C11																				
Food		TALLEYS	TALLEYS	SCOTT			1980	1.4		1.81			9.6768			Oil/Diesel					
Processing			-																		
(incl C:	C11																				
Food		TALLEYS	TALLEYS	SCOTT			1980	1.4		1.81			3.6288			Oil/Diesel					
Processing	211																				
Food C:		TALLEYS	TALLEYS	SCOTT		-	1980	1.4		1.81	l		3.6288			Oil/Diesel			l		
Processing		IALLEIS	I ALLEI O	30011			1980	1.4		1.81	1		3.0288			Old Dieset			l		
(incl C	C11						L				L								<u> </u>		
Food		TALLEYS	TALLEYS	SCOTT			1980	1.4		1.81			3.6288			Oil/Diesel					
Processing											1								l		
	C11	TALLENG	TALLEVO	COTT			1000			1.01	 		2.6200			Oliminal.			ļ		
Food Processing		TALLEYS	TALLEYS	SCOTT			1980	1.4		1.81			3.6288			Oil/Diesel			l		
	C11																		l		
Food		TIP TOP	AUCKLAND	EASTEEL		Firetube	1998	2.4	Saturated		10.4					Gas			i e		
Processing									Steam		1								l		
	C1132																				
Food		TIP TOP	AUCKLAND	SCOTT			1989	1.8	Hot Water		6				140	Oil/Diesel			l		
Processing (incl C:	C1132										1								l		
Food		TIP TOP	CHRISTCHURCH				2008												1		
Processing							_300				1								l		
(incl C:	C1132																				
Food																					
Processing																					
(incl beverages)																					
	C1214	Yealands Estate	Marlborough	2 x Prunings wa	aste boilers			0.56													

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.		Year Installed	Size MW Output Type	Maximum Output Amount t/h	Normal Operating Pressure bar	Normal Operating Output MW	Normal Hours Operated pe Day	Normal Days Operated per r Year		Winter Heating Only?	Annual Cogen Elec.Outpu kWh	Normal Boiler at Operating Temperatur oC	Fuel Type	Annual Fuel Uni Fuel Use for Boiler Only	t Fuel CV kJ per Fuel Unit
		Horticulture																		
Horticulture		?	11 Blackbyre Road,					1 HW										Coal	120 tonnes	
Horticulture		Aitkenhead Horticulture	Richmond 7081																	
Horticulture	A012200	A J & J E Ivicevich		Lamborghini			1995	0.225 air heater										gas	1500GJ	
Horticulture	A012200	A J & J E Ivicevich	126 Wensley Road,	Lamborghini Cuddon			1995 1981	0.225 air heater 0.4 HW										gas Coal	1500GJ 125 tonnes	
Horticulture		Biers Gardens	Richmond 126 Wensley Road,	Taylor			2000	0.75 HW										Coal	125 tonnes	
Horticulture		Biers Gardens	Richmond																	
Horticulture		Castle Rock Orchard Ltd																		
Horticulture	A012200	Coolcumber Products	38 Madeleys Road RD 2	Morrow		Firetube	1995	1 Hot Water	r				365		no			35	liters	
Horticulture	A012200	Coolcumber Products	38 Madeleys Road RD 2			Firetube	2000	1 Hot Water	r				275		no			35	tonnes	
Horticulture	A012200	Far Out Tomatoes 2003 Lo	td 135 Governors Bay	Г Моггоw		Firetube	2008	2 Hot Water	r			3 to 12	350)	no			30 Canty60/s	or 550t	
Horticulture	A012200	Flat-Tac Capsicums Limite	ed NO BOILER																	
Horticulture		Franko Roses NZ Limited Gar-sun Gardens	220b State Highway 16	Aquatherm Ygr Trevett	n EM 750	Water Tub	2002	0.75 Hot Water 0.6	r		300kw		365		no		65-75	Natural Ga Coal	as 30000 LWh kWh 0 tonnes	
Horticulture	A012200	Gar-sun Gardens	95 Main Rd Richmor	n Trevett	E.C.O H2D		1996	1.5										Coal	720 tonnes	
Horticulture	A012200		95 Main Rd Richmor	и																
Horticulture		Gourmet Mokai Ltd	NO BOILER 1622 State Highway 16 WAIMAUKU																	
Horticulture	A012200	Gourmet Paprika Ltd	0842 1622State Highway 16 WAIMAUKU			Firetube	1993	3 Hot water				10 to 15	330)	no			95 gas	20000GJ	
Horticulture	A012200	Gourmet Paprika Ltd	0842 1622 State Highway			Firetube	1995	3 Hot water				10 to 15	330)	no			95 gas	20000GJ	
Horticulture	A012200	Gourmet Paprika Ltd	16 WAIMAUKU 0842			Firetube	1999	9 Hot water				10 to 15	330)	no			95 gas	75000GJ	
Horticulture	A012200	Gourmet Paprika Ltd	unknown location in	Kumeu		Firetube	1997	2 Hot water				10 to 15	330)	no			95 gas	5000GJ	
Horticulture	A012200	Great Lake Tomatoes	705 Vaile Rd Reporo	a Crone		Firetube	2005	3 Hot water				6 to 20	330)	no			95 gas	70000GJ	
Horticulture		Green Harvest Growing Lt	d.																	
Horticulture		Hanna Hothouses Ltd																		
Horticulture		Harbour Head Growers Lt	d 1394 Main North Ro	a Morrow (conve	e: Tripass	Fire tube	1996	0.75 Hot Water	r			16 to 24 h	365		no			35 coal blend	2 350t	
Horticulture		Hedger Greenhouse Limite	ed 66 County Road		Lennox			0.03 Hot Air										gas	2000GJ	

Horticulture		Homestead Produce Ltd	50 Barrett Road				1.5								gas	7000GJ?
Horticulture		Homestead Produce Ltd	50 Barrett Road				1.5									7000GJ?
Horticulture		Island Horticulture Limited	38 Madeleys Road Clarkville	Morrow	Firetube	1995	1 hot water					365	*no		85	
Horticulture		Island Horticulture Limited	38 Madeleys Road Clarkville	Morrow	Firetube	2000	1 hot water					275	*no		85	
Horticulture		J Ewers Ltd														
Horticulture		k&l nurseries	601 days road	vekos v90a	Firetube	1991	1 Hot Water 1000kw	.5bar	1000kw		24	365	no		85 Sub-bitum	in 750tonnes Tonnes
Horticulture		k&l nurseries	601 days road	beacon	300 Water Wal	1991	0.33 Hot water 300kw	.5bar	300kw		24	365	no		85 Sub-bitum	in 250tonnes Tonnes
Horticulture		Karaka Park Produce Limi	ite 59 EGGLETON RI 231 Karamea/Kohaihai	D			0.65 Hot water			2 to 16		300	no		75 waste oil	100000L
Horticulture	A012200	Karamea Tomatoes Ltd	Road Karamea	Morrow	Firetube	2004	4 Hot Water	20psi			24	365	no	80-85	Sub-bitum	in 1200 tonnes Tonnes
Horticulture		Kipps' Patch	65 Walters Road	Kroll converted Tripas	s Firetube	2000	0.7 Hot Water			1 to 12 6-12hr		270 150	no Yes		70 Cascade co	x 150t 90000 for 3 boilers
Horticulture Horticulture Horticulture		Lilies by Blewden Lilies by Blewden Lilies by Blewden	54 Pukerimu Lane C 54 Pukerimu Lane C 54 Pukerimu Lane C	a Kroll		1999 1999 2008	0.25 Hot Water 0.25 Hot Water 0.25 Hot Water			6-12hr 6-12hr		150 150	Yes Yes		Waste oil Waste oil	litres
Horticulture		Little Knoll Greenhouses L	246 Egmont Street At Patea	Aquatherm 0936 d	lesign cod Watertube 20	09 (nev	1.2 Hot Water	2/3 bar	or ! 1200kw	*		320	no	80-85c	natural gas	10477.007 CkWh
Horticulture		Little Knoll Greenhouses L	247 Egmont Street _M Patea	Babcock 1983 ayn-50	0-50 seri Watertube 20	04 (2nd	1.145 Hot Water BTU /hr 52	x10 2/3 Bar or	50 1145kw	*		320	no	80-85c	natural gas	5238.5035 CkWh
Horticulture		Lycopene Fresh Vegefruit Mainland Tomatoes	L' 1135 Glenbrook Roa 24 Pughs Rd Richmond	d Taylors		2003 1995						180	yes		Huntly 22! Coal	M 70t 70? tonnes
Horticulture		Mainland Tomatoes	19 Pughs Rd Richmond	Taylors			0.4 0.4								Coal	70? tonnes
Horticulture	A012200	Mainland Tomatoes	19 Pughs Rd Richmond		19	1991 193?	0.6								Coal	70? tonnes
Horticulture	A012200	Mainland Tomatoes	19 Pughs Rd Richmond	Trevett Trevett		2005	0.4								Coal	70? tonnes
Horticulture	A012200	Mainland Tomatoes	134 Ranzau Rd Richmond	Trevett			0.4								Coal	280 tonnes
Horticulture	A012200	Mainland Tomatoes		Trevett vertical		1993	0.4								Coal	6000t total tonnes for all boilers + <10000? wood waste
Horticulture	A012200	Mainland Tomatoes	37 Blackbyre Rd Ric	th Trevett vertical			1								Coal	
Horticulture	A012200	Mainland Tomatoes	37 Blackbyre Rd Ric	th Trevett vertical			1								Coal	
Horticulture	A012200	Mainland Tomatoes	37 Blackbyre Rd Ric	th Morrow economic			3								Coal	
Horticulture		Mainland Tomatoes	37 Blackbyre Rd Ric	h boiler Morrow economic			6								Coal	
Horticulture	A012200		37 Blackbyre Rd Ric	h boiler												

		Mainland Tomatoes		Morrow economic									Coal	
Horticulture	A012200	Mainland Tomatoes	37 Blackbyre Rd Ricl	h boiler Morrow				6					Coal	
Horticulture	A012200		37 Blackbyre Rd Ricl	economic h boiler										
Horticulture	A012200	Mainland Tomatoes	64 Stanleys Road											
Horticulture		Moffatts Flower Co ltd	0.01 m n 1311											
Horticulture	A012200	North Canterbury Tomatoe	2404 Tram Road Nth s Canterbury	Morrow under	fire stoker	Waterwall	2001	3 Hot Water Not stated but 14 psi	1500kw	24 hours on so	365	No	90 Sub-bitum	in 960 tonnes Tonnes
Horticulture	A012200	Nortonta Ltd	123 Leeston Road		Morrow	Fire tube	2005	6 Hot Water		6 to 18	360	No	90 coal blend	2 1200t
Horticulture	A012200	Nortonta Ltd	123 Leeston Road		Morrow standb	Fire tube	1998	1.9 Hot Water		0	300	No	90	10t
Horticulture	A012200	NZ Hothouse Ltd	328 Karaka Road Dro	u Crone		Fire tube	2000	8 Hot water		**	365	по	90 gas	92000GJ
Horticulture	A012200	NZ Hothouse Ltd	328 Karaka Road Dro	u Crone		Fire tube	2001	8 Hot water		**	365	по	90 gas	92000GJ
Horticulture	A012200	NZ Hothouse Ltd	328 Karaka Road Dro	u Crone		Fire tube	2003	4.8 Hot water		**	365	no	90 gas	76000GJ
Horticulture	A012200	NZ Hothouse Ltd	328 Karaka Road Dro	u Crone		Fire tube	2003	4.8 Hot water		**	365	no	90 gas	76000GJ
Horticulture		P H Kinzett Ltd	401 Old Renwick Ro	ad		Fire tube		4			300	no	wood was	te 4000t
Horticulture		P H Kinzett Ltd	400 Old Renwick Ro	ad		Fire tube		3			300	no	coal	
Horticulture	A012200	Paradise Growers	870 Selwyn Road	Morrow	Tripass	Fire tube	2003	2 Hot water		6 to 24	300	no	75 Heaphy co	oa 265t
Horticulture		Parkgard Growers 2000 Lin	r NO BOILER											
Horticulture Horticulture	A012200	Parkgard Growers 2000 Lii Pineview Gardens Ltd	n NO BOILER											
	A012200													
Horticulture	A012200 A012200	Pineview Gardens Ltd	NO BOILER 35 Airport Drive,	Crone?		*	2000				300	no	Natural Ga	LD00008 as
Horticulture Horticulture		Pineview Gardens Ltd Pomoana Gardens Limited	NO BOILER 35 Airport Drive, q.R.D.3	Crone?		* Firetube	2000 1965	3 Hot Water		10 to 24	300 270	по	Natural Ga	
Horticulture Horticulture Horticulture Horticulture	A012200	Pineview Gardens Ltd Pornoana Gardens Limited Poppas Peppers 2009 Limit Rembrandt Van Rijen Ltd Rembrandt Van Rijen Ltd	NO BOILER 35 Airport Drive, R.D.3 RD 1 OHAUPO RD 1 OHAUPO	Hanworthy Crone		* Firetube	1965 1980	2.3 Hot Water		10 to 24	270 270		90 waste oil 90 LPG	900000L 330000L
Horticulture Horticulture Horticulture	A012200 A012200	Pineview Gardens Ltd Pomoana Gardens Limited Poppas Peppers 2009 Limi Rembrandt Van Rijen Ltd	NO BOILER 35 Airport Drive, R.D.3 RD 1 OHAUPO	Hanworthy Crone			1965 1980				270	no	90 waste oil 90 LPG 83 Coal	900000L 330000L 350 tonnes
Horticulture Horticulture Horticulture Horticulture	A012200 A012200	Pineview Gardens Ltd Pomoana Gardens Limited Poppas Peppers 2009 Limit Rembrandt Van Rijen Ltd Rembrandt Van Rijen Ltd Riverland Nurseries Shipherd Nurseries	NO BOILER 35 Airport Drive, R.D.3 RD 1 OHAUPO RD 1 OHAUPO 38A Waimarie Rd Wi	Hanworthy Crone th Heatserve Tompson			1965 1980	2.3 Hot Water 0.87 Hot Water 1.8 Hot Water 500 kg/hour 1.8 bar	1.8mw	10 to 24	270 270	no	90 waste oil 90 LPG 83 Coal	900000L 330000L
Horticulture Horticulture Horticulture Horticulture Horticulture	A012200 A012200	Pineview Gardens Ltd Pomoana Gardens Limited Poppas Peppers 2009 Limit Rembrandt Van Rijen Ltd Rembrandt Van Rijen Ltd Riverland Nurseries	NO BOILER 35 Airport Drive, q.R.D.3 RD 1 OHAUPO 38A Waimarie Rd Wil 15 Shipherd road 36 Hart Rd Richmon d 7020 39 White Road	Hanworthy Crone th Heatserve Tompson		Firetube	1965 1980 1988	2.3 Hot Water 0.87 Hot Water	1.8mw	10 to 24 12-17hr	270 270 300	no no	90 waste oil 90 LPG 83 Coal	900000L 330000L 350 tonnes
Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture	A012200 A012200	Pineview Gardens Ltd Pomoana Gardens Limited Poppas Peppers 2009 Limit Rembrandt Van Rijen Ltd Rembrandt Van Rijen Ltd Riverland Nurseries Shipherd Nurseries	NO BOILER 35 Airport Drive, R.D.3 RD 1 OHAUPO RD 1 OHAUPO 38A Waimarie Rd Wi 15 Shipherd road 36 Hart Rd Richmond 7020	Hanworthy Crone Th Heatserve Tompson		Firetube	1965 1980 1988	2.3 Hot Water 0.87 Hot Water 1.8 Hot Water 500 kg/hour 1.8 bar	1.8mw	10 to 24 12-17hr	270 270 300	no no	90 waste oil 90 LPG 83 Coal	900000L 330000L 350 tonnes // BETWEEN Tonnes 200 tonnes
Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture	A012200 A012200	Pineview Gardens Ltd Pomoana Gardens Limited Poppas Peppers 2009 Limit Rembrandt Van Rijen Ltd Rembrandt Van Rijen Ltd Riverland Nurseries Shipherd Nurseries Sinai Hort Ltd	NO BOILER 35 Airport Drive, q.R.D.3 RD 1 OHAUPO 38A Waimarie Rd Wil 15 Shipherd road 36 Hart Rd Richmon d 7020 39 White Road	Hanworthy Crone Th Heatserve Tompson		Firetube	1965 1980 1988 1992	2.3 Hot Water 0.87 Hot Water 1.8 Hot Water 500 kg/hour 1.8 bar Hot Water	1.8mw	10 to 24 12-17hr	270 270 300	no no	90 waste oil 90 LPG 83 Coal 80 Coal chips	900000L 330000L 350 tonnes // BETWEEN Tonnes 200 tonnes
Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture	A012200 A012200	Pineview Gardens Ltd Pomoana Gardens Limited Poppas Peppers 2009 Limit Rembrandt Van Rijen Ltd Rembrandt Van Rijen Ltd Riverland Nurseries Shipherd Nurseries Sinai Hort Ltd Sinai Hort Ltd	NO BOILER 35 Airport Drive, R.D.3 RD 1 OHAUPO 38A Waimarie Rd Wil 15 Shipherd road 36 Hart Rd Richmon d 7020 39 White Road Richmond	Hanworthy Crone h Heatserve Tompson Morrow		Firetube	1965 1980 1988 1992	2.3 Hot Water 0.87 Hot Water 1.8 Hot Water 500 kg/hour 1.8 bar Hot Water Hot Water	1.8mw	10 to 24 12-17hr	270 270 300	no no	90 waste oil 90 LPG 83 Coal 80 Coal chips coal coal	900000L 330000L 350 tonnes // BETWEEN Tonnes 200 tonnes
Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture	A012200 A012200	Pineview Gardens Ltd Pomoana Gardens Limited Poppas Peppers 2009 Limit Rembrandt Van Rijen Ltd Rembrandt Van Rijen Ltd Riverland Nurseries Shipherd Nurseries Sinai Hort Ltd Sinai Hort Ltd Southern Nurseries Ltd	NO BOILER 35 Airport Drive, R.D.3 RD 1 OHAUPO RD 1 OHAUPO 38A Waimarie Rd Wi 15 Shipherd road 36 Hart Rd Richmon d 7020 39 White Road Richmond Katikati	Hanworthy Crone The Heatserve Tompson Morrow Bedroft		Firetube	1965 1980 1988 1992	2.3 Hot Water 0.87 Hot Water 1.8 Hot Water 500 kg/hour 1.8 bar Hot Water Hot Water 0.4 Hot Water	1.8mw	10 to 24 12-17hr	270 270 300	no no	90 waste oil 90 LPG 83 Coal 80 Coal chips coal coal	900000L 330000L 350 tonnes // BETWEEN Tonnes 200 tonnes
Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture Horticulture	A012200 A012200	Pineview Gardens Ltd Pomoana Gardens Limited Poppas Peppers 2009 Limit Rembrandt Van Rijen Ltd Rembrandt Van Rijen Ltd Riverland Nurseries Shipherd Nurseries Sinai Hort Ltd Southern Nurseries Ltd Southern Nurseries Ltd	NO BOILER 35 Airport Drive, (R.D.3 RD 1 OHAUPO 38A Waimarie Rd Will 15 Shipherd road 36 Hart Rd Richmond 47020 39 White Road Richmond Katikati Katikati	Hanworthy Crone h Heatserve Tompson Morrow Bedroft Becroft Vekos		Firetube	1965 1980 1988 1992	2.3 Hot Water 0.87 Hot Water 1.8 Hot Water 500 kg/hour 1.8 bar Hot Water Hot Water 0.4 Hot Water 0.4 Hot Water	1.8mw	10 to 24 12-17hr	270 270 300	no no	90 waste oil 90 LPG 83 Coal 80 Coal chips coal coal	900000L 330000L 350 tonnes // BETWEEN Tonnes 200 tonnes

Horticulture	A012200	Southern Paprika Ltd	Crone		Fire tube	2004	8 Hot water		10 to 18	330	no	85 gas 50000GJ
Horticulture	A012200	Southern Paprika Ltd	Crone		Fire tube	2008	8 Hot water		10 to 18	330	no	85 gas 50000GJ Natural gas
Horticulture	A012200	Status Produce Ltd					6		3 364		no	
Horticulture		Status Produce Ltd	42 Favona Rd Manger Crone (Dutch	firm)	Fire tube	2000	7.5 Hot Water		10 to 15	330	no	95 gas 80000GJ
Horticulture		Status Produce Ltd	292 Harrisville Rd Tuakau		Fire tube	1996	7.5 Hot Water		10 to 15	330	no	95 gas 140000GJ
Horticulture		Status Produce Ltd	153 Harrisville Rd Tu: Crone		Fire tube	2000	7.5 Hot Water		10 to 15	330	no	95 gas 90000GJ
Horticulture		Status Produce Ltd	153 Harrisville Rd Tu: Crone		Fire tube	2003	7.5 Hot Water		10 to 15	330	no	95 gas 90000GJ
Horticulture		Stocks Roses	Levin Vekos convert	tei VP 100	Fire tube	1965	1 Hot Water		1 to 12	300	no	50 Huntly peas 120t
Horticulture	A012200	The Chilli & Capsicum Co	I 818 Tram Road Beacon		Fire tube	1999	0.9 Hot water		2 to 12	365	no	70 coal blend 2 550t
Horticulture	A012200	Tiny Toms Ltd	Kroll oil burne	er to Aquaheat spa	ce heater		0.15 space heater		6 to 12	240	no	50 waste oil 50000L
Horticulture	A012200	Tiny Toms Ltd	Kroll oil burne	er to Aquaheat spa	ice heater		0.15 space heater		6 to 12	240	no	50 waste oil 50000L
Horticulture		Under Glass (Bombay) Ltd Van Lier Nurseries	241 Riverhead Rd Auckland 0892			1990	3 Hot Water		1-24hr	365		80 GJ
Horticulture		Van Lier Nurseries	135 Chamberlain Rd Heatserve Massey Auckland			1980	0.88 Hot Water		6-24hr	300		Gas 10,000 80 Coal tonnes
Horticulture												900
Horticulture		Vege Fresh Growers Ltd	72 Lawford Road Morrow	Tripass	Fire tube	2003	1.5 Hot water		3 to 24	365	no	85 coal blend 2 430t
Horticulture	A012200	W & M Zwart	617 Nelson Road Vekos 70		Fire tube		0.75 Hot water		2 to 8	300	no	84 Huntly coal 22MJ/kg 300t
Horticulture		Waitikiri Gardens	449 Prestons Rd, Christchurch Hamilton Heal	tpac	Waterwall		0.8 Hot Water	0.5	10	300	no	70 Coal Reefto 220 Tonnes
Horticulture			450 Prestons Rd,									
		Waitikiri Gardens	Christchurch Hamilton Heat	tpac	Waterwall		0.8 Hot Water Hot Water	0.5	10 1-16hr	300	no No	70 Coal Reefto 220 Tonnes 65 tonnes 22
Horticulture Horticulture		Whakatane Growers	Christchurch Hamilton Hear 99 Paroa Rd Whakatane 3191	tpac	Coal boiler *20		Hot Water 2.3 Hot Water	0.5		365		65 tonnes 22 Coal 1550 for 2 b 65 tonnes 22
Horticulture Horticulture			Christchurch Hamilton Heat 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakata Hamilton Heat	tp Taylor 5000 PT	Coal boiler *20 Coal boiler *20	007	Hot Water 2.3 Hot Water 2.3 Hot Water 1.5	0.5	1-16hr 1-16hr 1-16hr		No No No	65 tonnes 22 Coal 1550 for 2 b 65 tonnes 22 Coal 60 tonnes 22 Coal 370
Horticulture		Whakatane Growers Whakatane Growers	Christchurch Hamilton Heat 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakata Hamilton Heat Ygnis/Aquathe 99 Paroa Rd Whakata m	tp Taylor 5000 PT er EM 750	Coal boiler *20 Coal boiler *20	007	Hot Water 2.3 Hot Water 2.3 Hot Water 1.5 Hot Water	0.5	1-16hr 1-16hr 1-16hr 24hr	365 365	No No No	65 tonnes 22 Coal 1550 for 2 \(\)term tonnes 22 Coal 60 tonnes 22 Coal 370 70 Gas 13,500 for 4
Horticulture Horticulture		Whakatane Growers Whakatane Growers Whakatane Growers	Christchurch Hamilton Heat 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakata Hamilton Heat Ygnis/Aquathe	tp Taylor 5000 PT er EM 750 er AY750	Coal boiler *20 Coal boiler *20 I Coal boiler *19	990	Hot Water 2.3 Hot Water 2.3 Hot Water 1.5	0.5	1-16hr 1-16hr 1-16hr	365 365 315	No No No	65 tonnes 22 Coal 1550 for 2 t 65 tonnes 22 Coal 60 tonnes 22 Coal 370 70 GJ
Horticulture Horticulture Horticulture Horticulture		Whakatane Growers Whakatane Growers Whakatane Growers Whakatane Growers Whakatane Growers Whakatane Growers	Christchurch Hamilton Heal 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakata Hamilton Heal 7 ygnis/Aquathe 99 Paroa Rd Whakata m Ygnis/Aquathe 99 Paroa Rd Whakata m Ygnis/Aquathe 99 Paroa Rd Whakata m Ygnis/Aquathe	tp Taylor 5000 PT er EM 750 er AY750 er AY150 er	Coal boiler *20 Coal boiler *20 I Coal boiler *19 Gas boiler Gas boiler	2005 2001 2001	Hot Water 2.3 Hot Water 2.3 Hot Water 1.5 Hot Water Hot Water 0.75 Hot Water 0.15 Hot Water	0.5	1-16hr 1-16hr 1-16hr 24hr 24hr	365 365 315	No No No No	65 tonnes 22 Coal 1550 for 2 t Coal 55 tonnes 22 Coal 60 tonnes 22 Coal 370 70 GJ Gas 13,500 for 4 70 GJ Gas 70 GJ Gas 70 GJ Gas 70 GJ Gas 70 GJ
Horticulture Horticulture Horticulture Horticulture		Whakatane Growers Whakatane Growers Whakatane Growers Whakatane Growers Whakatane Growers	Christchurch Hamilton Heat 99 Paroa Rd Whakatane 3191 99 Paroa Rd Whakatan 43191 99 Paroa Rd Whakata Hamilton Heat Ygnis/Aquathe 99 Paroa Rd Whakata m Ygnis/Aquathe 99 Paroa Rd Whakata m 99 Paroa Rd Whakata m 99 Paroa Rd Whakata m	tp Taylor 5000 PT er EM 750 er AY750 er AY150 er	Coal boiler *20 Coal boiler *20 F Coal boiler *19 Gas boiler	2005 2001	Hot Water 2.3 Hot Water 2.3 Hot Water 1.5 Hot Water 0.75 Hot Water 0.75 Hot Water 0.75 Hot Water 0.15	0.5	1-16hr 1-16hr 1-16hr 24hr 24hr	365 365 315 330 330 330	No No No No No	65 tonnes 22 Coal 1550 for 2 bt tonnes 22 Coal 60 tonnes 22 Coal 370 70 GJ Gas 13,500 for 4 70 GJ Gas 70 GJ Gas 70 GJ Gas

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.	Boiler Type	Year Installed	Size MW				Normal Operating Output MW	Normal Hours Operated pe Day	Normal Days Operated per er Year	Annual	Heating Only?	Annual Norma Cogen Boiler Elec.Output Operat kWh Temper	ng	Annual Fuel Unit Fuel Use for Boiler Only	Fuel CV kJ per Fuel Unit	
		Hospitals													G wii		uc.				
Hospitals	Q840100	Ashburn Clinic (Ashburn Hall Charitable Trust)	496 Taieri Road Dunedin 9010					0.22										wood chij and pellet			
Hospitals	Q840100	AUCKLAND DHB	AUCKLAND HOSPITAL	MAXITHERM		Watertube	1999	12.8	Saturated Steam	12	9				109.6704			236 Dual gas/diesel			
Hospitals		AUCKLAND DHB	AUCKLAND HOSPITAL	EASTEEL		Firetube	2002		Saturated Steam		10							184 Gas			
Hospitals	Q840100	AUCKLAND DHB	AUCKLAND HOSPITAL	MAXITHERM			1999		Saturated Steam		10							184 Gas			
Hospitals	Q840100	AUCKLAND DHB	GREENLANE HOSPITAL	MAXITHERM		Watertube	1994		Saturated Steam		8.5				42.84			178 Gas			
Hospitals	Q840100	AUCKLAND DHB	GREENLANE HOSPITAL	EASTEEL - STEAMPAC		Firetube	1999		Saturated Steam		8.5							178 Gas			
Hospitals	Q840100	Auckland District Health Board	AA/03/1903					9.50					2	4				Gas			
Hospitals	Q840100	Auckland District Health Board	AA/03/1903					6.00					2	364 4				Gas			
Hospitals	Q840100	Auckland District Health Board	AA/03/1903					6.00					2	4				Gas			
Hospitals	Q840100	Auckland Healthcare	Auckland Healthcare										12.	5				Gas			
Hospitals	Q840100	Services Ltd Auckland Healthcare	Services Auckland Healthcare										14.	5				Gas			
Hospitals	Q840100	Services Ltd BAY OF PLENTY DHB	Services	EASTEEL		Firetube	1994	1 12	Steam		1.5			182	5.2416			128 Gas			
-	Q840100		HOSPITAL																		
Hospitals	Q840100	BAY OF PLENTY DHB	HOSPITAL	EASTEEL		Firetube	2001		Saturated Steam		1.5				14.8512			128 Gas			
Hospitals	Q840100	BAY OF PLENTY DHB	TAURANGA HOSPITAL	SCOTT		Firetube	1992	1.2		1.8	10				10.4832			Gas			
Hospitals	Q840100	BAY OF PLENTY DHB	TAURANGA HOSPITAL	SCOTT		Firetube	1992	1.2		1.8	10							Gas			
Hospitals	Q840100	CANTERBURY DHB	PRINCESS MARGARET	SCOTT		Firetube	1970		Saturated Steam	1.81								187			
Hospitals		CANTERBURY DHB	HOSPITAL CHCH PRINCESS MARGARET				2004	1.6	Hot Water		4.5							145 Electricity			
Hospitals	Q840100	CANTERBURY DHB	HOSPITAL CHCH PRINCESS MARGARET				2004	1	Steam		10.34							Electricity			
Hospitals	Q840100	CANTERBURY DHB	HOSPITAL CHCH CHRISTCHURCH HOSPITAL	ANDERSON		Firetube	1966		Saturated Steam	7.2	8				12.2304			175 Coal			
Hospitals	Q840100	CANTERBURY DHB	CHRISTCHURCH HOSPITAL	ANDERSON		Firetube	1966	1.4	Saturated Steam	7.2	8							175 Coal			
Hospitals	Q840100	CANTERBURY DHB	BURWOOD HOSPITAL			Firetube	1970	0.925	Saturated Steam	1.2	8.5				8.0808			178 Coal			
Hospitals	Q840100	CANTERBURY DHB	BURWOOD HOSPITAL			Firetube	1970		Saturated Steam	1.2	8.5				8.0808			178 Coal			
Hospitals	Q840100	CANTERBURY DHB	HILLMORTON HOSPITAL	JAYMAC		Firetube	2001		Hot Water		3				13.104			100 LPG/Buta	ın		
Hospitals	Q840100	CANTERBURY DHB	HILLMORTON	JAYMAC		Firetube	2001	1.5	Hot Water		3				13.104			100 LPG/Buta	in		
	Q840100		HOSPITAL															e			

Hospitals	Q840100	CANTERBURY DHB	CHRISTCHURCH HOSPITAL	ANDERSON	Firetube	1966	1.5 Saturated Steam	7.2	8	13.104	175 Coal		
Hospitals	Q840100	CANTERBURY DHB	CHRISTCHURCH WOMENS HOSPITAL										
Hospitals	2		HOSFITAL										
	Q840100	Canterbury DHB -	Hillmorton Hospital				1.5				wood chip a	nd pellet	
Hospitals		CAPITAL COAST DHB	WELLINGTON	BABCOCK	Watertube	1974	7.325 Hot Water		7	63.9912	120 Dual		
	Q840100		HOSPITAL								gas/diesel		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL	BABCOCK	Watertube	1974	7.325 Hot Water		7	63.9912	120 Gas		
Hospitals	Q840100	CAPITAL COAST DHB	KENEPURU HOSPITAL	ALLEN YGNIS	Watertube		1.02 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	KENEPURU HOSPITAL	ALLEN YGNIS	Watertube		1.02 Hot Water				Gas		
Hospitals		CAPITAL COAST DHB	KENEPURU HOSPITAL	ALLEN YGNIS	Watertube		1.02 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	KENEPURU HOSPITAL	HOVAL	Watertube		0.29 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	KENEPURU HOSPITAL	Energy Products	Watertube		0.103 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	KENEPURU HOSPITAL	International ALLEN YGNIS	Watertube		0.482 Hot Water	0.727			100 Gas		
Hospitals	Q840100	CAPITAL COAST DHB	KENEPURU HOSPITAL	ALLEN YGNIS	Watertube		0.482 Hot Water	0.727			100 Gas		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL	AQUATHER M	Watertube		0.24 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL	MAXITHERM	Watertube		0.35 Steam				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL	MAXITHERM	Watertube	1999	1.6 Steam		10.5		Gas		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL	AQUATHER M YGNIS	Watertube	1999	0.75 Hot Water		7.5		Gas		
Hospitals	Q840100 Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL	HOVAL	Watertube		0.235 Hot Water				Gas		
Hospitals	Q840100 Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL	HOVAL	Watertube		0.085 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL		Watertube		Hot Water		11		99 Gas		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL		Watertube		0.06 Steam	0.092	0.7		Gas		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL				0.055 Hot Water				75 Gas		
Hospitals	Q840100	CAPITAL COAST DHB	WELLINGTON HOSPITAL				0.055 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	HOVAL	Watertube		0.147 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	CUDDON	Watertube		0.2 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	uncertain	Watertube		0.06 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	ALLEN YGNIS	Watertube		0.337 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	ALLEN YGNIS	Watertube		0.337 Hot Water				Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	ALLEN YGNIS	Watertube		0.337 Hot Water				Gas		

Hospitals		CAPITAL COAST DHB		HOVAL	Watertube	0.21 Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB	HOSPITAL PORIRUA	RADCO	Watertube	0.65 Hot Water							Gas		
-	Q840100	CAPITAL COAST DHB	HOSPITAL	RADCO	Watastuka	0.65 Hot Water							Coo		
Hospitals	Q840100		HOSPITAL		Watertube								Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	RADCO	Watertube	0.65 Hot Water							Gas		
Hospitals		CAPITAL COAST DHB	PORIRUA HOSPITAL	CUDDON	Watertube	Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	CUDDON	Watertube	0.337 Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA HOSPITAL	CUDDON	Watertube	0.337 Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB	PORIRUA	ALLEN	Watertube	Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB		YGNIS uncertain	Watertube	1990 0.65 Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB	HOSPITAL PARAPARALIMII	HOVAI	Watertube	0.235 Hot Water							Gas		
-	Q840100		HOSPITAL												
Hospitals	Q840100	CAPITAL COAST DHB	HOSPITAL		Watertube	0.235 Hot Water							Dual gas/diesel		
Hospitals	Q840100	CAPITAL COAST DHB	PARAPARAUMU HOSPITAL	HOVAL	Watertube	0.235 Hot Water							Dual gas/diesel		
Hospitals		CAPITAL COAST DHB	FORENSIC			0.15 Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB	FORENSIC	AQUAHEAT	Watertube	0.6 Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB	FORENSIC	AQUAHEAT	Watertube	0.6 Hot Water							Gas		
Hospitals	Q840100	CAPITAL COAST DHB	FORENSIC	YGNIS	Watertube	0.125 Hot Water	0.	.5					Gas		
Hospitals	Q840100	COUNTIES MANAKAU		HOVAL	Firetube	1990 2.05 Hot Water						17.5644	Dual		
Hospitals	Q840100	DHB COUNTIES MANAKAU	HOSPITAL MIDDLEMORE	HOVAL	Firetube	1990 2.05 Hot Water						17.5644	gas/diesel Dual		
-	Q840100	DHB COUNTIES MANAKAU	HOSPITAL	HOVAL	Firetube	1980 0.762 Hot Water						6.528816	gas/diesel Dual		
Hospitals	Q840100	DHB	HOSPITAL										gas/diesel		
Hospitals	Q840100	COUNTIES MANAKAU DHB	MIDDLEMORE HOSPITAL	HOVAL	Firetube	1980 0.762 Hot Water						6.528816	Dual gas/diesel		
Hospitals	Q840100	COUNTIES MANAKAU DHB	MIDDLEMORE HOSPITAL	HOVAL	Firetube	1990 1.465 Hot Water						12.55212	Dual gas/diesel		
Hospitals		COUNTIES MANAKAU DHB	MIDDLEMORE HOSPITAL	HOVAL	Firetube	1990 1.465 Hot Water						12.55212	Dual gas/diesel		
Hospitals	Q840100	COUNTIES MANAKAU DHB	MIDDLEMORE HOSPITAL	SCOTT	Firetube	1980 0.63 Saturated Steam	0.816	0				5.39784	184 Dual gas/diesel		
Hospitals	Q840100	COUNTIES MANAKAU DHB		SCOTT	Firetube	1980 0.63 Saturated Steam	0.816	.0				5.39784	184 Dual gas/diesel		
Hospitals	Q840100	Counties Manukau District	Counties Manukau			Steam			2.05	5			Gas	800kg/hr	
Hospitals	Q840100	Health Board Counties Manukau District	DHB Counties Manukau			1.50			3.4	16.8	364		Gas	average	
	Q840100	Health Board Counties Manukau District	DHB			1.50			3.4	16.8	364		Gas	5568GJ/yr	
Hospitals	Q840100	Health Board	DHB								364			average 5568GJ/yr	
Hospitals	Q840100	Counties Manukau District Health Board	Counties Manukau DHB			1.00			3.4	16.8	364		Gas	average 5568GJ/yr	

Hospitals		Counties Manukau District Health Board	Counties Manukau DHB				1.00			3.4	16.8				Gas	average 5568GJ/yr	
Hospitals	Q840100	Counties Manukau District Health Board	Counties Manukau DHB				0.90			3.4	16.8	364				average 5568GJ/yr	
Hospitals	Q840100	Counties Manukau District Health Board	Counties Manukau DHB				0.90			3.4	16.8	364			Gas	average 5568GJ/yr	
Hospitals	Q840100	ENERGY FOR INDUSTRY	DUNEDIN ENERGY CENTRE	DANIEL ADAMSON	Waterwall	1958	6.83 Saturated Steam	10.5	10.3			364	59.66688		185 Coal	,	
Hospitals	Q840100	ENERGY FOR INDUSTRY	DUNEDIN	DANIEL	Waterwall	1958	6.83 Saturated	10.5	10.3						185 Coal		
Hospitals	Q840100	ENERGY FOR	ENERGY CENTRE DUNEDIN	JOHN	Waterwall	1967	Steam 7.39 Saturated	11.8	10.3						185 Coal		
Hospitals	Q840100	INDUSTRY ENERGY FOR	ENERGY CENTRE DUNEDIN	JOHN	Waterwall	1980	Steam 7.65 Saturated	12.2	10.3						185 Coal		
Hospitals	Q840100	INDUSTRY ENERGY FOR	ENERGY CENTRE AUCKLAND	THOMPSON		2005	Steam 2.1 Hot Water								105 Gas		
Hospitals	Q840100	INDUSTRY ENERGY FOR	HOSPITAL COGEN NELSON	SCOTT	Firetube	2006	1.6 Saturated	2.4	10				13.44		184 Biogas		
•	Q840100	INDUSTRY	HOSPITAL				Steam	2.4	10				15.44				
Hospitals	Q840100	ENERGY FOR INDUSTRY	AUCKLAND HOSPITAL COGEN				2.1 Hot Water								105 Gas		
Hospitals	Q840100	GILLIES HOSPITAL	GILLIES HOSPITAL	YGNIS		1984	0.365 Hot Water						3.18864		60 Gas		
Hospitals	Q840100	GILLIES HOSPITAL	GILLIES HOSPITAL	BURNS AND FERRAL		1989	0.092 Steam		4.5				0.803712		135 Electricity		
Hospitals	Q840100	GILLIES HOSPITAL	GILLIES HOSPITAL	YGNIS		1984	0.365 Hot Water						3.18864		60 Gas		
Hospitals		GUARDIAN	SUNSET	HOVAL		1975	0.264 Hot Water						2.306304		80 Gas		
Hospitals	Q840100	GUARDIAN	SUNSET	HOVAL		1975	0.264 Hot Water						2.306304		80 Gas		
Hospitals	Q840100	HAWKES BAY DHB	HAWKES BAY HOSPITAL	SCOTT		2001	1.2 Steam	1.82	10.35				10.4832		180 Gas		
Hospitals	Q840100	HAWKES BAY DHB	HAWKES BAY HOSPITAL	AQUATHER M		2004	2.3 Hot Water		7.5				20.0928		105 Gas		
Hospitals	Q840100	HAWKES BAY DHB	HAWKES BAY	AQUATHER		2004	2.3 Hot Water		7.5						105 Gas		
Hospitals	Q840100	Hawke's Bay District	HOSPITAL Omahu Rd Hastings	М	2008	,	2.3										
Hospitals	Q840100	Health Board Healthcare Otago -	The Hill, Balclutha		consent	ed	HW							No	Natural gas/ Coal	diesel 1000? tonnes	
Hospitals	Q840100	Balclutha Hospital Healthcare Otago -	The Hill, Balclutha				4.2 1.2 HW							No	Diesel		
Hospitals	Q840100	Balclutha Hospital - standby Healthcare Otago – Wakari													LPG	2500? litres	
Hospitals	Q840100	Hospital Healthcare Otago – Wakari					3								coal		
Trospitais	Q840100	Hospital					,								coal		
		Hospitals															
Hospitals	Q840100		HUTT VALLEY HOSPITAL		Watertube		1 Hot Water								85 Gas		
Hospitals	Q840100	HUTT VALLEY DHB	HUTT VALLEY HOSPITAL	AQUAHEAT	Watertube	0	1 Hot Water								85 Gas		
Hospitals	Q840100	HUTT VALLEY DHB	HUTT VALLEY HOSPITAL	AQUAHEAT	Watertube		1 Hot Water								80 Gas		
Hospitals		HUTT VALLEY DHB	HUTT VALLEY HOSPITAL	AQUAHEAT	Waterwall		1 Hot Water								80 Gas		
	Q840100																

Hospitals	0040100	HUTT VALLEY DHB	HUTT VALLEY HOSPITAL	AQUAHEAT	Watertube		1 Hot Water					85 Gas			
Hospitals	Q840100 Q840100	LAKES DHB	ROTORUA HOSPITAL	EAST COAST STEAM -	Watertube	2006	0.25 Saturated Steam	0.4	7	2.184		Gas			
Hospitals	Q840100	LAKES DHB	ROTORUA HOSPITAL	AUSTRALIA, VEKOS			3 Hot Water		10.5			Coal			
Hospitals	Q840100	LAKES DHB	ROTORUA HOSPITAL	EAST COAST STEAM - AUSTRALIA,		1997	0.25 Saturated Steam			2.184		Gas			
Hospitals		Manuka Street Trust Hospital	36 Manuka St Nelson	NOSTICIEN L			HW				No	Diesel			
Hospitals	Q840100	MERCY HOSPITAL	AUCKLAND	ANDERSON	Firetube	1979	1.4 Saturated	1.814	6			100 Gas	21000?	litres	
Hospitals	Q840100	MERCY HOSPITAL	AUCKLAND	ANDERSON	Firetube	1979	Steam 1.4 Saturated	1.814	7			100 Dual			
Hospitals	Q840100	MERCY HOSPITAL	AUCKLAND	AQUATHER		2001	Steam 0.6 Hot Water			5.2416		gas/diesel 80 LPG/Butan			
Hospitals	Q840100	MERCY HOSPITAL	AUCKLAND	M AQUATHER		1968	0.45 Hot Water					e LPG/Butan			
Hospitals	Q840100	MERCY HOSPITAL	AUCKLAND	M ANDERSON	Firetube	1979	1.4 Saturated	1.814	7	12.2304		e Dual			
Hospitals	Q840100	MIDCENTRAL DHB	PALMERSTON	BABCOCK &	Firetube	1971	Steam 6 Saturated		10.34	52.416		gas/diesel 186 Gas			
Hospitals	Q840100	MIDCENTRAL DHB	NORTH PALMERSTON NORTH	WILCOX BABCOCK & WILCOX	Firetube	1971	Steam 6 Saturated Steam		10.34	8.97		186 Gas			
Hospitals	Q840100	MIDCENTRAL DHB	PALMERSTON NORTH	BABCOCK & WILCOX	Firetube	1974	6.2					Coal			
Hospitals	Q840100	Mossbrae Hospital	Argyle Street	WILCOX			0.249					Diesel	46000?	litres	
Hospitals	Q840100	Wossorae Hospital	Dunedin				0.249					Diesei	40000:	nucs	
Hospitals	Q840100	NELSON MARLBOROUGH DHB	NELSON HOSPITAL	BABCOCK & WILCOX	Firetube	1986	4 Saturated Steam		10			185 Coal			
Hospitals	Q840100	NELSON MARLBOROUGH DHB	NELSON HOSPITAL	JOHN THOMPSON	Firetube	1981	2.9 Saturated Steam		10			185 Coal			
Hospitals		Nelson Marlborough Health Services Ltd	Waimea Rd Nelson	BABCOCK & WILCOX			4 Steam				No	Coal	700?	tonnes	
Hospitals	Q840100	Nelson Marlborough Health Services Ltd	Waimea Rd Nelson				2.9 Steam				No	Coal	700?	tonnes	
Hospitals	Q840100	Nelson Marlborough Health Services Ltd	Waimea Rd Nelson				2 Steam				No	Landfill Gas	50,000?	GJ	
Hospitals	Q840100	NORTHLAND DHB	BAY OF ISLANDS HOSPITAL				1			8.736		Coal			
Hospitals	Q840100	NORTHLAND DHB	BAY OF ISLANDS HOSPITAL				1					Coal			
Hospitals	Q840100	NORTHLAND DHB	WHANGAREI HOSPITAL	EASTEEL	Firetube	1985	1.4 Saturated Steam	1.8	10	12.2304		184 Dual gas/diesel			
Hospitals	Q840100	NORTHLAND DHB	WHANGAREI HOSPITAL	EASTEEL	Firetube	1985	1.4 Saturated Steam	1.8	10	12.2304		184 Dual gas/diesel			
Hospitals	Q840100	NORTHLAND DHB	WHANGAREI HOSPITAL	EASTEEL	Firetube	1985	1.4 Saturated Steam	1.8	10			184 Dual gas/diesel			
Hospitals	Q840100	NORTHLAND DHB	WHANGAREI HOSPITAL	EASTEEL	Firetube	1985	1.4 Saturated Steam	1.8	10			184 Dual gas/diesel			
Hospitals	Q840100	NORTHLAND DHB	DARGAVILLE HOSPITAL	EASTEEL		1992	0.77 Saturated Steam	1	10	6.72672		184 Oil/Diesel			
Hospitals	Q840100	NORTHLAND DHB	DARGAVILLE HOSPITAL	EASTEEL		1992	0.77 Saturated Steam	1	10			184 Oil/Diesel			
Hospitals	Q840100	NORTHLAND DHB	KAITAIA HOSPITAL	EASTEEL		1992	0.77 Saturated Steam	1	10	6.72672		184 Oil/Diesel			
	Q840100														

ospitals		NORTHLAND DHB	KAITAIA HOSPITAL	EASTEEL		1992	0.77 Saturated	1	10		184 Oil/Diesel		
spitals	Q840100	NURSE MAUDE	NURSE MAUDE	HOVAL	Watertube	2001	Steam 0.21 Hot Water		2	1.83456	85 LPG/Butan		
spitals	Q840100	NURSE MAUDE	CHRISTCHURCH NURSE MAUDE	HOVAL	Watertube	2001	0.21 Hot Water		2	1.83456	e 85 LPG/Butan		
spitals	Q840100	Oamaru Hospital	CHRISTCHURCH								e Coal	7000? tonnes	
эршэ	Q840100	Cumaru Frospitai	ommu.								con	7000. Comes	
spitals	0040400	Oamaru Hospital	Oamaru				0.134				Diesel	100 litres	
oitals	Q840100	OTAGO DHB	WAIKARE HOSPITAL	SCOTT	Firetube	1991	1.5 Hot Water		3	13.104	75 LPG/Butan e		
oitals	Q840100	OTAGO DHB	LESLIE GROVES HOSPITAL										
oitals	Q840100	PARKHAVEN HOSPITAL	PARKHAVEN HOSPITAL	RAYPAK Atmospheric		1990	0.043 Hot Water			0.375648	Gas		
oitals	Q840100	PARKHAVEN	PARKHAVEN	Boiler		1990	0.275 Hot Water			2.4024	Gas		
oitals	Q840100	PARKHAVEN	HOSPITAL PARKHAVEN			19990	0.028 Hot Water			0.24024	Gas		
oitals	Q840100	HOSPITAL SOUTH CANTERBURY		ANDERSON	Firetube	1984	1.7 Saturated	2.3	10.4	14.8512	186 Coal		
pitals	Q840100	DHB SOUTH CANTERBURY	HOSPITAL TIMARU	ANDERSON	Firetube	1984	Steam 1.7 Saturated	2.3	10.4		186 Coal		
oitals	Q840100	DHB SOUTHERN CROSS	HOSPITAL NORTH HARBOUR			1999	Steam 0.1 Hot Water	0.157		0.624	Gas		
itals	Q840100	HOSPITAL SOUTHERN CROSS	NORTH HARBOUR	STEAM - AUSTRALIA.		1999	0.1 Hot Water			0.624	Gas		
	Q840100	HOSPITAL		STEAM - AUSTRALIA,									
pitals	Q840100	SOUTHERN CROSS HOSPITAL	BRIGHTSIDE				0.056 Hot Water			0.460992	Electricity		
oitals	Q840100	SOUTHERN CROSS HOSPITAL	BRIGHTSIDE			2004	0.04 Hot Water			0.32928	Electricity		
pitals	Q840100	SOUTHERN CROSS HOSPITAL	AUCKLAND SURGICAL CENTRE	EAST COAST STEAM - AUSTRALIA.		2007	0.2 Steam	0.309	10	1.6464	130 Gas		
oitals	Q840100	SOUTHERN CROSS HOSPITAL	AUCKLAND SURGICAL CENTRE	EAST COAST STEAM - AUSTRALIA,		2007	0.2 Hot Water	0.309	10	1.6464	130 Gas		
pitals	Q840100	SOUTHLAND HOSPITAL	SOUTHLAND HOSPITAL	AUSTRALIA, ANDERSON	Firetube	1966	5.1 Saturated Steam		10	44.5536	184 Lignite		
pitals		SOUTHLAND HOSPITAL	SOUTHLAND HOSPITAL	VEKOS	Watertube	2006	4.5 Saturated Steam		10		Lignite		
pitals	Q840100	ST GEORGE'S HOSPITAL	ST GEORGE'S HOSPITAL	SCOTT	Firetube	2002	0.7 Saturated Steam	0.9	10		182 LPG/Butan e		
pitals	Q840100	ST GEORGE'S HOSPITAL	ST GEORGE'S HOSPITAL	SCOTT	Firetube	2002	0.7 Saturated Steam	0.9	10		182 LPG/Butan e		
pitals	Q840100		ST JOANS HOSPITAL	YGNIS			0.175 Hot Water				50 Gas		
oitals	Q840100	Taihape Rural Hospital	Hospital Rd Taihape		2008		0.645				Coal		
oitals	Q840100	Taihape Rural Hospital	Hospital Rd Taihape		2008	ented	0.645				Coal		
oitals	Q840100	TAIRAWHITI DISTRICT		EASTEEL	Firetube		1.4 Saturated		10	12.2304	185 Dual		
	Q840100	HEALTH	HOSPITAL				Steam				gas/diesel		
oitals	Q840100	TAIRAWHITI DISTRICT HEALTH	GISBORNE HOSPITAL	EASTEEL	Firetube	1986	1.4 Saturated Steam		10	12.2304	185 Gas		
oitals		TAIRAWHITI DISTRICT HEALTH	GISBORNE HOSPITAL	EASTEEL	Firetube	1986	1.4 Saturated Steam		10		185 Gas		
	Q840100												

TT		TAIRAWHITI DISTRICT	CICDODNE	EASTEEL	Firetube	1986	1 H - W				2.912	110 Gas	
Hospitals	Q840100	HEALTH	HOSPITAL	EASTEEL	rifetube	1980	1 Hot Water				2.912	110 Gas	
Hospitals	Q840100	TAIRAWHITI DISTRICT HEALTH	GISBORNE HOSPITAL	EASTEEL	Firetube	1986	1 Hot Water					110 Gas	
Hospitals		TARANAKI DHB	TARANAKI BASE HOSPITAL	EASTEEL - STEAMPAC	Firetube	1998	2.2 Saturated Steam		9.9		19.2192	184 Dual gas/diesel	
Hospitals	Q840100	TARANAKI DHB	TARANAKI BASE HOSPITAL	EASTEEL - STEAMPAC	Firetube	1998	Saturated Steam		9.9			184 Dual gas/diesel	
Hospitals	Q840100	WAIKATO HOSPITAL	WAIKATO HOSPITAL	JOHN THOMPSON	Firetube	1969	7 Saturated Steam	9.1	10.34		9.408	100 Coal	
Hospitals	Q840100	WAIKATO HOSPITAL	WAIKATO	JOHN	Firetube	1969	7 Saturated	9.1	10.3			100 Coal	
Hospitals	Q840100	WAIKATO HOSPITAL	HOSPITAL WAIKATO	THOMPSON DANIEL		1956	Steam 3.2 Saturated	4.1	10.3		27.9552	Coal	
•	Q840100		HOSPITAL	ADAMSON			Steam						
Hospitals	Q840100	WAIRARAPA DHB	MASTERTON HOSPITAL	EASTEEL - STEAMPAC	Firetube	1993	1.2 Saturated Steam		10.3		10.4832	186 Coal	
Hospitals		WAIRARAPA DHB	MASTERTON HOSPITAL	EASTEEL - STEAMPAC	Firetube	1993	1.2 Saturated Steam		10.3			186 Coal	
Hospitals	Q840100	Waitakere District Health	Waitakere Hospital				0.95			24		Gas	
Hospitals	Q840100	Board Waitakere District Health	Waitakere Hospital				0.95			182 24		Gas	
Hospitals	Q840100	Board Waitakere District Health	Waitakere Hospital				0.40			364 24		Gas	
	Q840100	Board								364			
Hospitals	Q840100	Waitakere District Health Board	Waitakere Hospital				0.73			24		Gas	
Hospitals		Waitakere District Health Board	Waitakere Hospital				0.73			24		Gas	
Hospitals	Q840100	Waitakere District Health Board	Waitakere Hospital				0.20			364 24		Gas	
	Q840100	Board								24			
Hospitals Hospitals	Q840100						0.20			24 364 24		Gas	
Hospitals		Board Waitakere District Health Board	Waitakere Hospital	ALLEN	Firetube	1979	0.18	309.6	4.25	24	21.84	Gas	
Hospitals Hospitals	Q840100	Board Waitakere District Health Board WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL	ALLEN YGNIS	Firetube		0.18 2.5 Hot Water	309.6	4.25	24 364 24	21.84	Gas 90 Dual gas/diesel	
Hospitals	Q840100 Q840100	Board Waitakere District Health Board	Waitakere Hospital NORTH SHORE		Firetube Firetube	1979 1979	0.18	309.6	4.25 4.25	24 364 24	21.84	Gas 90 Dual	
Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE	YGNIS ALLEN YGNIS ALLEN			0.18 2.5 Hot Water	309.6		24 364 24	21.84	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual	
Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN	Firetube Firetube 3	1979	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated	309.6	4.25	24 364 24	21.84 8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 100 Dual	
Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN	Firetube Firetube	1979 1979	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated		4.25 4.25	24 364 24		Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 10 Dual gas/diesel 180 Dual gas/diesel 180 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS	Firetube Firetube 3 pass Firetube 3 pass	1979 1979 1979 1979	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam	1.588 1.588	4.25 4.25 9.5 9.5	24 364 24		Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 18 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS	Firetube Firetube 3 pass Firetube 3	1979 1979 1979 1979 1979	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam	1.588	4.25 4.25 9.5 9.5 9.5	24 364 24	8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel gas/diesel	
Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 Firetube 3	1979 1979 1979 1979 1979	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1.5 Hot Water 1.5 Saturated Steam 1.5 Saturated Steam 1.5 Saturated	1.588 1.588	4.25 4.25 9.5 9.5	24 364 24		Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL WAITAKERE HOSPITAL WAITAKERE	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AQUATHER A YGNIS AQUATHER	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 Firetube 3	1979 1979 1979 1979 1979 2003	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam	1.588 1.588	4.25 4.25 9.5 9.5 9.5	24 364 24	8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 80 Dual gas/diesel 80 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AULEN YGNIS AULEN YGNIS AULEN AUGUATHER M YGNIS AUGUATHER M YGNIS AULEN AUGUATHER M YGNIS AULEN	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 Firetube 3	1979 1979 1979 1979 1979 2003 2003	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam 0.95 Hot Water	1.588 1.588	4.25 4.25 9.5 9.5 9.5	24 364 24	8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 80 Dual gas/diesel 80 Dual gas/diesel 80 Dual gas/diesel 80 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AULAN AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS ALLEN YGNIS AQUATHER A YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AQUATHER	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass Heating	1979 1979 1979 1979 1979 2003 2003	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam 0.95 Hot Water 0.95 Hot Water	1.588 1.588	4.25 4.25 9.5 9.5 9.5 1.75	24 364 24	8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 10 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 80 Dual gas/diesel 80 Dual gas/diesel 80 Dual gas/diesel 80 Dual gas/diesel	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS ALLEN YGNIS	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass	1979 1979 1979 1979 1979 2003 2003	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam 0.95 Hot Water 0.95 Hot Water 0.73 Hot Water	1.588 1.588	4.25 4.25 9.5 9.5 9.5 1.75	24 364 24	8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 80 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL MASON CLINIC	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass Heating plant less than 1 MWth	1979 1979 1979 1979 1979 2003 2003 1974 1992	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam 0.95 Hot Water 0.73 Hot Water 0.73 Hot Water	1.588 1.588	4.25 4.25 9.5 9.5 9.5 1.75	24 364 24	8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 80 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AULAN AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS ALLEN YGNIS AQUATHER A YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AQUATHER	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass Heating plant less than 1 MWth Heating plant less	1979 1979 1979 1979 1979 2003 2003 1974 1992	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam 0.95 Hot Water 0.95 Hot Water 0.73 Hot Water	1.588 1.588	4.25 4.25 9.5 9.5 9.5 1.75	24 364 24	8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 80 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL NORTH SHORE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL WAITAKERE HOSPITAL MASON CLINIC MASON CLINIC WAKEFIELD	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER AQUATHER AQUATHER AQUATHER	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass Heating plant less than 1 MWth Heating	1979 1979 1979 1979 1979 2003 2003 1974 1992	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam 0.95 Hot Water 0.73 Hot Water 0.73 Hot Water	1.588 1.588	4.25 4.25 9.5 9.5 9.5 1.75	24 364 24	8.736	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 100 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual gas/diesel 110 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Waitakere Hospital NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. WAITAKERE HOSPITAL. WAITAKERE HOSPITAL. WAITAKERE HOSPITAL. WAITAKERE HOSPITAL. WAITAKERE HOSPITAL. WASON CLINIC WAKEFIELD HOSPITAL WASON CLINIC	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass Heating plant less than 1 MWth Heating plant less	1979 1979 1979 1979 1979 2003 2003 1974 1992	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam 0.95 Hot Water 0.73 Hot Water 0.73 Hot Water 0.35 Hot Water	1.588 1.588	4.25 4.25 9.5 9.5 9.5 1.75	24 364 24	8.736 8.2992	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 80 Dual	
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals	Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100 Q840100	Board Waitakere District Health Board WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB WAITEMATA DHB	Watakere Hospital NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL. NORTH SHORE HOSPITAL WATAKERE HOSPITAL WASON CLINIC WAKEFIELD HOSPITAL WAKEFIELD HOSPITAL WAKEFIELD HOSPITAL	YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS ALLEN YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS AQUATHER M YGNIS	Firetube Firetube 3 pass Firetube 3 pass Firetube 3 pass Firetube 3 pass Heating plant less than 1 MWth Heating plant less	1979 1979 1979 1979 1979 2003 2003 1974 1992	2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 2.5 Hot Water 1 Saturated Steam 1 Saturated Steam 1 Saturated Steam 0.95 Hot Water 0.73 Hot Water 0.35 Hot Water 0.35 Hot Water	1.588 1.588	4.25 4.25 9.5 9.5 9.5 1.75	24 364 24	8.736 8.2992 5.2416	Gas 90 Dual gas/diesel 90 Dual gas/diesel 90 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 180 Dual gas/diesel 80	

Hospitals		WAKEFIELD HOSPITAL			2002	0.09 Hot Water			0.78624	Gas	
	Q840100		HOSPITAL								
Hospitals		WAKEFIELD HOSPITAL	WAKEFIELD		2002	0.09 Hot Water			0.78624	Gas	
	Q840100		HOSPITAL								
Hospitals		WAKEFIELD HOSPITAL	WAKEFIELD		2002	0.124 Saturated	0.16	10		180 Gas	
•	Q840100		HOSPITAL			Steam					
Hospitals		WAKEFIELD HOSPITAL	WAKEFIELD		2002	0.124 Saturated	0.16	10		180 Gas	
	Q840100		HOSPITAL			Steam					
Hospitals	2010100	WANGANUI HOSPITAL	WANGANUI		2008	Saturated				Gas	
	Q840100		HOSPITA			Steam					
Hospitals	Q010100	WEST COAST DHB	GREY HOSPITAL	RARCOCK	Firetube 1982		1.85	10	12.2304	184 Coal	
Hospitais	Q840100	WEST COAST DID	GKET HOSTITAL	BABCOCK	1 netube 1902	Steam	1.05	10	12.2304	104 Coai	
Hospitals	Q040100	WEST COAST DHB	GREY HOSPITAL	DARCOCK	Firetube 1982		1.85	10		184 Coal	
Hospitais	Q840100	WEST COAST DID	GKET HOSTITAL	BABCOCK	1 netube 1902	Steam	1.05	10		104 Coai	
TT la-1-	Q840100	WEST COAST DUD	DILLED	HEATCEDATE	1004	0.88 Hot Water			7.68768	6-1	
Hospitals	0010100	WEST COAST DHB	BULLER HOSPITAL	HEATSERVE	1983	0.88 Hot Water			7.08/08	Coal	
**	Q840100	HIEROR GO LOW DAID		III I MOEDI III	1001	0.00 11 . 111 .	22.4			0.1	
Hospitals		WEST COAST DHB	BULLER	HEATSERVE	1985	0.88 Hot Water	23.4			Coal	
	Q840100		HOSPITAL								
Hospitals		WEST COAST DHB	REEFTON	HEATSERVE	1980	0.44 Hot Water			3.84384	100 Coal	
	Q840100		HOSPITAL								
Hospitals		WEST COAST DHB	REEFTON	HEATSERVE	1980	0.44 Hot Water				100 Coal	
	Q840100		HOSPITAL								
Hospitals		WHANGANUI DHB	WANGANUI			Steam				Gas	
	Q840100		HOSPITAL								
Hospitals		WHANGANUI DHB	WANGANUI			Steam				Oil/Diesel	
	Q840100		HOSPITAL								

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.		Year Installed	Size MW	Output Type	Output	Normal Operating Pressure bar	Normal Operating Output MW	Normal Hours Operated pe Day	Normal Days Operated per r Year		Winter Heating Only?	Annual Cogen Elec.Outpu kWh	Normal Boiler Operating Temperat oC	3		Annual Fuel Use for Boiler Only	it Fuel C kJ per Fuel U	r
Meat Processing / Skins		Meat Processing / Skins P A W VERKERK	rocessing CHRISTCHURCH	ANDERSON		Firetube	1999) 1.4	1 Steam	1.81	9.5				12.2304				180 Tallov	v			
Meat Processing /		AFFCO	WIRI	SCOTT COMBUSTIO		Firetube	2002	2 0.63	3 Steam	0.816	10.35				3.1752				Gas				
Skins Meat Processing / Skins		AFFCO	HOROTIU	N FOSTER WHEELER (MCKENZIE		Watertube	1970) 10) Steam	18	13				74.88				Gas				
Meat Processing /		AFFCO	WAIROA	JOHN THOMPSON		Watertube	1970	11.3	Saturated Steam	18.15	10.5	i			71.5968				185 Coal				
Skins Meat Processing /		AFFCO	IMLAY WANGANUI	COCKRAM		Firetube	1982	2 :	Saturated Steam		11				40.32				Coal				
Skins Meat Processing /		AFFCO	IMLAY WANGANUI	BABCOCK & WILCOX		Firetube	1972	5.5	5 Steam						38.016				Gas				
Skins Meat Processing /		AFFCO	IMLAY WANGANUI	(EASTEEL) BABCOCK & WILCOX		Firetube	1972	5.5	5 Steam						38.016				Gas				
Skins Meat		AFFCO	CASINGS PLANT	(EASTEEL) CARBOFUEL		Firetube	1992	1.180	Hot Water		4.57		1	3 260	2.390976				120 Gas				
Processing / Skins Meat Processing /		AFFCO	(SOUTH AUCKLAND) MANAWATU	AQUATHER M			1972	1.8	Hot Water						12.21				100 Gas				
Skins		AFFCO	MOEREWA	JOHN		***	1980			22	8				(8.0								
Meat Processing / Skins				THOMPSON		Watertube	1980		Saturated Steam	22	ě	1			67.2				Coal				
Meat Processing / Skins		AFFCO	WIRI	HOVAL				0.7	Hot Water						6.468				Gas				
Meat Processing / Skins		AFFCO	WIRI	HOVAL				0.7	Hot Water						6.468				Gas				
Meat Processing /		AFFCO	RANGIRURU (TE PUKE)	JOHN THOMPSON			1961	5.3	Saturated Steam	7.3	9	•							175 Gas				
Skins Meat Processing /		AFFCO	RANGIRURU (TE PUKE)	JOHN THOMPSON			1961	5.3	Saturated Steam	7.3	9								175 Gas				
Skins Meat Processing /		ALLIANCE GROUP	LORNEVILLE	FOSTER WHEELER		Watertube	1976	5 13	Hot Water	20	17				62.8992				207 Lignite	e			
Skins Meat Processing /		ALLIANCE GROUP	LORNEVILLE	(MCKENZIE BABCOCK & WILCOX		Watertube	1983	3 13	Saturated Steam	27	11				87.0912				186 Lignite	e			
Skins Meat Processing /		ALLIANCE GROUP	SOCKBURN	ANDERSON		Firetube	1978	8 (Saturated Steam	5.5	8.5	i			23.04				Coal				
Skins Meat Processing /		ALLIANCE GROUP	SOCKBURN	ANDERSON		Firetube	1978	3 1.3	2 Saturated Steam	1.8	8.5	i							Oil/Di	esel			
Skins Meat Processing /		ALLIANCE GROUP	DANNEVIRKE	AQUAHEAT			2003	3 1.5	Hot Water						8.64				95 Gas				
Skins Meat Processing /		ALLIANCE GROUP	MATAURA	BABCOCK & WILCOX		Watertube	1955	3.1	Saturated Steam	6	10				16.416				Lignite	e			
Skins Meat Processing /		ALLIANCE GROUP	MATAURA	BABCOCK & WILCOX		Watertube	1962	9.4		15	10				60.912				Lignite	e			
Skins Meat Processing /		ALLIANCE GROUP	MATAURA TANNERY	TRIWAY		Firetube	2002	2 :	Hot Water						7.2				95 Lignite	e			
Skins Meat Processing /		ALLIANCE GROUP	SMITHFIELD	JOHN THOMPSON		Watertube	1985	5 13	Saturated Steam	22	18				80.496				180 Coal				
Skins Meat Processing / Skins		ALLIANCE GROUP	STOKE	AQUAHEAT		Firetube	2000) 1.3	2 Hot Water						5.76				120 Oil/Di	esel			

Marche M			III I I I I I I I I I I I I I I I I I	DI III DI	nungogy o			1026								
Mart Mart			ALLIANCE GROUP	PUKEURI	BABCOCK & WILCOX		Watertube	1936	1.2	1.6	14.2				Coal	
Minima	Meat Processing /		ALLIANCE GROUP	PUKEURI			Watertube	1955	7.8	10	14.2		53.5392		Coal	
March Marc	Meat Processing /		ALLIANCE GROUP	PUKEURI	WHEELER		Watertube	1986	15.9	20.5	14.2		109.1376		Coal	
March Marc	Meat Processing /		ALLIANCE GROUP	SOCKBURN	ANDERSON			2006		2.72					Oil/Diesel	
March Marc	Meat Processing /		ALLIANCE GROUP	MAKAREWA			Watertube	1952			8		37.0392		Lignite	
Martin	Meat Processing /		ALLIANCE GROUP	MAKAREWA			Watertube	1956			8		37.0392		Lignite	
March Marc	Meat		ALLIANCE GROUP	MATAURA					0.2 Hot Water				1.344		Oil/Diesel	
Mathematical Control	Meat Processing /		ALLIANCE GROUP	MATAURA					0.2 Hot Water				1.344		Oil/Diesel	
Mathematical Control of Math			ALLIANCE GROUP											10		
Marie			TELLIE TOLL GROOT													
Procession Pro	Skins		. COMPANDA CALLED		d Aquaheat	PTL 1200				200 kpa	40					301641 litre Litres
Secondary Control Co				Ashburton	ANDERSON		Firetube	1989	1 Steam	1.36	10		6.24		180 Oil/Diesel	
Processing Pro		C111100														
Marie				AUCKLAND			Firetube	1965	4.6	5.9			15.456		Coal	
March Marc		C111100	PROCESSORS		THOMPSON											
Series Control Contr			AUCKLAND MEAT	AUCKLAND	JOHN		Firetube	1969	4.6	5.9	10		15.456		Coal	
Mart Mart	Processing /	G111100	PROCESSORS		THOMPSON											
Processing Pro		C111100	ALICKI AND MEAT	ALICKI AND	DANIEL		Pioceal c	1052	2.5	4.21					Cost	
State				AUCKLAND			Firetube	1953	3.5	4.31					Coal	
Med March Skins	C111100															
Medical Marches Marc	Meat Processing /	C111100		AUCKLAND	GWB ??			1960	1.4	1.81	10	12			Gas	
Skins Skin		CITITOO	BOWMONT													
Med Med			WHOLESALE MEATS													
Processing Meat			REDNADD MATTHEWS	WAIDLIKEDALI	EASTEEL		Watertube	1007	1.1 Saturated		9		4 752		90 Gas	
Skins Cill 200 Skins Cil				WAIFUKEKAU	EASTEEL		watertube	1997			0		4.732		90 Gas	
Processing Call Substitute Substitut	Skins	C111200														
State Stat				GISBORNE			Firetube		0.5 Hot Water				3.36		105 Gas	
Mail	Processing /	C111200	NZ LTD		М											
Siling Cili Meat		BERNARD MATTHEWS	GISBORNE	AQUATHER			1999	0.4 Hot Water				2.688		Gas		
Mest		C111200	NZ LTD		M											
Processing Sich S		C111200	RERNARD MATTHEWS	FIFI DING	YGNIS			1998	0.4 Hot Water				1 728		Gas	
Skins CHI 200 CHI 20				TILLDING	10.115			1,,,0	o. v riot water				1.720		Gu	
Processing Cill 1100	Skins	C111200														
Skins CHI100 Meat BRINKS CHICKEN BRINKS CHICKEN AQUATHER 1989 0.4 Hot Water 2.88 8.8 Gas			BLUE SKY MEATS	BLUE SKY MEATS			Firetube	1984	2.35 Hot Water		2		15.903672		100 Lignite	
Processing / Skins Cill 1200 BRINKS CHICKEN BRINKS CHICKEN AQUATHER 1989	Skins	C111100														
Skins CIII200 BRINKS CHICKEN BRI	Meat		BRINKS CHICKEN	BRINKS CHICKEN				1989	0.4 Hot Water				2.88		88 Gas	
Meat	Processing /	C111200			M											
Processing Citizon Skins Citizon Start Skins Citizon Meat	C111200	BRINKS CHICKEN	BRINKS CHICKEN	AQUATHER			1989	0.4 Hot Water				2.88		93 Gas		
Meat					M											
Processing / Skins Cill100 Bowmont Wholesale Meat CANTERBURY MEAT SEAFIELD JOHN Firetube 1980 4.5 Saturated 1.81 8.5 Seam Seafield Processing / Skins Cill100 Firetube 1980 7.5 Saturated 8.5 Seam Seafield Processing / Skins Cill100 Skins PacKERS Call Processing / PacKERS PacKERS		C111200		invercareill												
Skins Clilloo Bowmont Wholesale Meat CANTERBURY MEAT SEAFIELD JOHN Firetube 1980 4.5 Saturated 1.81 8.5 29.7 Coal				-												
Processing / Skins Callilloo Skins Callilloo	Skins	C111100														
Skins Canterbury Meat Canterbury Meat Canterbury Meat Canterbury Meat Canterbury Meat Staffeld Firetube 1980 7.5 Saturated 8.5 49.5 Coal				SEAFIELD			Firetube	1980		1.81	8.5		29.7		Coal	
Processing / Skins Meat CANTERBURY MEAT BLENHEIM TAYLOR Watertube 1982 0.75 2 5.04 95 Coal		C111100			om son				Steam							
Skins CIII00 Meat CANTERBURY MEAT BLENHEIM TAYLOR Watertube 1982 0.75 2 5.04 95 Coal				SEAFIELD			Firetube	1980			8.5		49.5		Coal	
Meat		C111100	PACKERS						Steam							
Processing / Packers		2111100	CANTERBURY MEAT	BLENHEIM	TAYLOR		Watertube	1982	0.75		2		5.04		95 Coal	
Skins CIII100 Meat CANTERBURY MEAT BLENHEIM TAYLOR Watertube 1982 0.75 Hot Water S.04 95 Coal	Processing /															
Processing / PACKERS PACKERS PACKERS		C111100	CANTEDDUDY MEAT	DI ENIUEIM	TAVLOD		Watastoka	1002	0.75 Hot Woter				5.04		05 Co-1	
Skins C11100 Meat CANTERBURY MEAT KOKIRI BABCOCK & Watertube 1989 7 Saturated 10 22.176 Coal Processing PACKERS (WESTLAND) WILCOX Steam				DLENHEIM	TATLOR		w atertube	1982	0.73 Hot Water				5.04		95 Coal	
Meat CANTERBURY MEAT KOKIRI BABCOCK Watertube 1989 7 Saturated 10 22.176 Coal Processing PACKERS (WESTLAND) WILCOX	Skins	C111100														
PTOCKSING / CILLION CILLION CONTROL OF PALACES (WESTLAND) WILLOX Steam							Watertube	1989			10		22.176		Coal	
		C111100	LACKERS	(WESTLAND)	WILCOX				steam							

Meat		Canterbury Meat	Ashburton									Coal	5800? tonnes
Processing / Skins Processing		Processors											
Meat Processing / Skins	C111100	Canterbury Meat Processors										Coal	2500? tonnes
Processing Meat Processing / Skins	C111100	Canterbury Meat Processors	Greymouth Marlborough	Taylor				0.75				Coal	750? tonnes
Processing Meat Processing / Skins	C111100	Canterbury Meat Processors	Marlborough	Taylor	78 Series			0.75				Coal	750? tonnes
Processing	C111100	CRUSADER MEATS	CRUSADER		78 Series	Watertube	1993	2.3 Hot Water		3.5	9.315	115 LPG/Butan	
Meat Processing / Skins Meat Processing /	C111100		MEATS	Energy Products International YGNIS		watertube		0.45 Hot Water		3.3	0.972	e 116 LPG/Butan e	
Skins Meat Processing /	C111100	FRESH MEATS NZ LTD		HOVAL		Firetube	2002	0.95 Hot Water			2.052	97 Gas	
Skins Meat Processing /	C111100 C111100	FRESH PORK BAY CITY	FRESH PORK BAY CITY	ANDERSON		Firetube	1973	2.3 Saturated Steam	2.95	10.3	7.038	185 Oil/Diesel	
Skins Meat Processing /		GRAEME LOWE HAWERA LTD	GRAEME LOWE HAWERA LTD	MAXITHERM		Watertube	2002	3.15 Steam		10.5	13.23	186 Gas	
Skins Meat Processing /	C132000	GRAEME LOWE HAWERA LTD	GRAEME LOWE HAWERA LTD	ANDERSON		Waterwall	1960	1.6 Steam		10.5	6.72	186 Gas	
Skins	C132000	Graeme Lowe Otago		Vekos				1.14 Steam				Coal	400? For 3 tonnes
	C132000 C132000	Graeme Lowe Otago	Main South Rd Green Main South Rd Green	Vekos				1.14 Steam				Coal	boilers
	C132000	Graeme Lowe Otago	Main South Rd Green	Vekos				1.14 Steam				Coal	
Meat Processing / Skins Meat	C111100	GREENLEA PREMIER MEATS LTD GREENLEA PREMIER	PREMIER MEATS	AQUATHER M AQUATHER		Waterwall		0.95 Hot Water 0.95 Hot Water		5	5.2668	100 Gas 82 Gas	
Processing / Skins	C111100	MEATS LTD		М									
Meat Processing /						2010 consen	ted						
Skins Processing		Hawke's Bay Protein	Waitangi Rd Napier					4.8				Natural gas/	tallow
Meat Processing / Skins						2010 consen	ted						
Processing		Hawke's Bay Protein	Waitangi Rd Napier					4.8				Natural gass	tallow
Meat Processing /		HEARTLAND PRIME MEAT (NZ)		HOVAL			1960	1.37 Hot Water		/		100 Oil/Diesel	
Skins Meat	C111100	Horizon Meats NZ Ltd	Rippondale Rd RD2 I Parnell										
Processing / Skins	C111100												
Meat Processing / Skins	C111200	INGHAMS ENTERPRISES	INGHAMS ENTERPRISES			Firetube	2004	2.2 Hot Water		1.5	13.464	92 Gas	
Meat Processing / Skins	C111200	INGHAMS ENTERPRISES	INGHAMS ENTERPRISES			Firetube	2004	2.2 Hot Water		1.5	13.464	92 Gas	
Meat Processing /	C111100	LAMB PACKERS	LAMB PACKERS FIELDING	AQUATHER M			1988	0.5 Hot Water			4.032	95 Gas	
Skins Meat Processing /	C111100	LAND MEAT NZ LTD		AQUATHER M		Watertube	2007	1.8 Hot Water			6.3	95 Gas	
Skins Meat Processing /	C111100	LOWE CORPORATION	TANNERY	RAYPAK Atmospheric		Watertube	2000	0.6 Hot Water			4.9392	60 Gas	
Skins Meat Processing /		LOWE CORPORATION	G.L HASTINGS TANNERY	Boiler ANDERSON		Firetube	1972	1.4 Saturated Steam				Gas	
Skins Meat Processing /		LOWE CORPORATION	G.L HASTINGS TANNERY	SCOTT		Firetube	1983	1.4 Saturated Steam	1.818	7	11.5248	Gas	
Skins Meat Processing / Skins		LOWE CORPORATION	TANNERY	RAYPAK Atmospheric Boiler		Watertube	1997	0.428 Hot Water			3.523296	60 Gas	

Meat Processing /		LOWE CORPORATION	G.L HASTINGS TANNERY	RAYPAK Atmospheric		Watertube	1997	0.313 Hot Water						2.576616		60 Gas	
Skins Meat Processing /		LOWE CORPORATION		Boiler ANDERSON		Watertube	1977	2.8 Saturated Steam	4.7	10.3				14.56		Gas	
Skins Meat		LOWE CORPORATION	HAWERA	MAXITHERM		Watertube	2001	3.25 Saturated	5.44	10.3				16.9		Gas	
Processing / Skins Meat		LOWE CORPORATION	WAIKATO	EASTEEL		Firetube 3	1993	Steam 6 Saturated	9.565	11				37.44		185 Gas	
Processing / Skins Meat		LOWE CORPORATION	(TAKAPAU) CHRISTCHURCH	BABCOCK		pass Watertube		Steam 0.9		10.5				4.095		160 Coal	
Processing / Skins Meat		LOWE CORPORATION		ANDERSON		Firetube	1975	1.2 Saturated	1.81	7				10.4832		100 Gas	
Processing / Skins Meat		LOWE CORPORATION	LEATHERS AUCKLAND	YGNIS		Watertube	1980	Steam 0.65 Hot Water		2.4				5.2416		90 Gas	
Processing / Skins Meat		LOWE CORPORATION	AUCKLAND	HOVAL		Watertube	1983	0.65 Hot Water		0.5				5.2416		90 Gas	
Processing / Skins																	
Meat Processing /		Otago Venison	Taieri Dunedin					0.25									tonnes
Skins																	
Processing Meat Processing /										1.2	300 kw	24	300	1	10	Coal 95 Natural gas	litres
Skins Meat Processing /	C111100	Ovation NZ Ltd	Gisborne	Energy Produts	EY500		2000	0.5 Hot Water		1.2	400 kw	24	300		10	95 Natural gas	litres
Skins Meat	C111100	Ovation NZ Ltd	Gisborne	Energy Product	EY400		1999	0.4 Hot Water		1.2	400 kw	24	300	ı	10	95 Natural gas	litres
Processing / Skins	C111100	Ovation NZ Ltd	Feilding	Energy Product	EY500		1999	0.5 Hot Water									
Meat		PRIME RANGE MEATS	PRIME RANGE	VEKOS		Firetube	1980	4.7 Saturated	6.13	10				32.906016		720 Lignite	
Processing / Skins	C111100		MEATS					Steam									
Meat Processing /		PRIME RANGE MEATS	PRIME RANGE MEATS	STEAMBLOC			2004	4	4.99								
Skins Meat Processing /	C111100	PROGRESSIVE MEATS NZ LTD	Hastings	YGNIS			1998	0.6 Hot Water						3.672		100 Gas	
Skins Meat Processing /	C111100	PROGRESSIVE MEATS NZ LTD	Hastings	YGNIS			2006	0.25 Hot Water								100 Gas	
Skins Meat Processing /	C111100	RICHMOND LTD	TAKAPAU	ANDERSON		Firetube	1964	5.6 Saturated Steam	7.26	10.3				20.944		Gas	
Skins Meat Processing /		RICHMOND LTD	TAKAPAU	HOVAL		Firetube	1983	1.2 Hot Water						4.488		120 Gas	
Skins Meat Processing /		RICHMOND LTD	TAKAPAU	HOVAL		Firetube	1981	1.2 Hot Water						4.488		120 Gas	
Skins Meat Processing /		RICHMOND LTD	TAKAPAU	EASTEEL - STEAMPAC		Firetube	2003	1.2 Saturated Steam		10				4.488		Gas	
Skins Meat Processing /		RICHMOND LTD	TIRAU	AQUATHER M YGNIS		Waterwall	1996	1.85 Hot Water								100 Gas	
Skins Meat Processing /		RICHMOND LTD	RICHMOND LTD TE AROHA	TRIWAY		Firetube	1992	2 Steam		1.2				14.4		120 Coal	
Skins Meat		RICHMOND LTD	RICHMOND LTD PAEROA	TRIWAY		Firetube	1992	1.5						3.276		Coal	
Processing / Skins Meat Processing /		RICHMOND LTD	RICHMOND LTD WAITOTARA	YGNIS		Watertube	1989	3 Hot Water						25.704		Gas	
Skins Meat		RICHMOND LTD	RICHMOND LTD HAWERA	YGNIS		Firetube	1995	1.2 Hot Water						5.04		Gas	
Processing / Skins Meat Processing /		RICHMOND LTD	RICHMOND LTD HAWERA	ANDERSON		Firetube	1970	1 Hot Water	1.8					4.2		Gas	
Skins Meat Processing /		RICHMOND LTD	RICHMOND LTD DARGAVILLE	TAYMAC HEATPAK			2004	1.5 Hot Water						10.368		90 Coal	
Skins			D. MOAVILLE	4807													

Meat		RICHMOND LTD	Te Kawhata				2006	1						1.2		Gas	
Processing / Skins Meat		RIVERLANDS	MANAWATU/ELT	MAXITHERM	ı	Watertube	2002	3 Hot Water						25.2		120 Gas	
Processing / Skins			HAM														
Meat Processing / Skins		RIVERLANDS	MANAWATU/ELT HAM	PARKINSON COWAN		Watertube	1954	1 Steam		6.5				8.4		162 Gas	
Meat Processing /		Silver Fern Farms	Belfast	B+W		Water	1945	2.5 Sat. steam	4	10	3	16	25	N	N/A	Coal	235 Tonnes
Skins Meat Processing /	C111100	Silver Fern Farms	Belfast											1.2			
Skins Meat	C111100	Silver Fern Farms	Belfast	B+W		Water tube	1945	2.5 Sat. steam	4	10	3	16	25	1.2 N	N/A	Coal	235 Tonnes
Processing / Skins Meat	C111100	Silver Fern Farms		John Thompso	n	Twin furna	1961?	4.3 Sat. steam	7	10	6	16	200	19.2 N	N/A	Coal	1600 Tonnes
Processing / Skins Meat	C111100	Silver Fern Farms	Canterbury	Babcock	Steambloc	Single furn	1960?	3 Sat. steam	5	10	0	0	0	0.0 N	N/A	Oil	0 Litres
Processing / Skins Meat	C111100	Silver Fern Farms	Dargaville	Taymac	Heat Pac	Single furn	2006	1.5 Hot Water		1	1.5	24	306	11.0 N	N/A	Coal	850 Tonnes
Processing / Skins Meat	C111100	Silver Fern Farms	Fairton	Anderson		Twin furna	1969	4.3 Sat. steam	7	10	5	16	280	22.4 N	N/A	Coal	1560 Tonnes
Processing / Skins Meat	C111100	Silver Fern Farms	Fairton	Anderson		Twin furna	1969	4.3 Sat. steam	7	10	5	16	280	22.4 N	N/A	Coal	1560 Tonnes
Processing / Skins	C111100		Fairton	Scott		Single furn	2001	0.3 Sat. steam	0.5	10	0.3	2	100	0.1 N	N/A	Oil	10,900 Litres
Meat Processing / Skins	C111100	Silver Fern Farms	Finegand	John Thompso	n	Twin drum	1980	18 Sat. steam	22.5	15	10 -12	24	200	52.8 N	N/A	Coal	10000 Tonnes
Meat Processing /		Silver Fern Farms															
Skins Meat	C111100	Silver Fern Farms	Finegand	RCR Eaststeel		Bubbling fl	2008	8.5 Sat. steam	12	15	8 - 10	24	200	43.2 N	N/A	Wood/sludg	16000 M3
Processing / Skins Meat	C111100	Silver Fern Farms	Hawera	Ynis		Single furn:	1984	1.2 Hot water						0.0 N	N/A	CNG	10600 for b GJ
Processing / Skins Meat	C111100	Silver Fern Farms	Hawera	Anderson		Single furn	1995	1.1 Hot water						0.0 N	N/A	CNG	10600 for b GJ
Processing / Skins Meat	C111100	Silver Fern Farms	Hokitika	Beacon		Water heat	2002	0.6 Hot water			0.6	8	235	1.1 N	N/A	110 Coal	100 Tonnes
Processing / Skins Meat	C111100	Silver Fern Farms	Leathers	Scott	1820) Fire tube	2000	1.65 Sat. steam	2.7	8	0.5	24	360	4.3 N	N/A	CNG	17118 for b GJ
Processing / Skins Meat	C111100	Silver Fern Farms	Leathers	Raypac	EMK 1200	Hot water	2008	1.2 Hot water			0.8	24	365	7.0 N	N/A	CNG	17118 for b GJ
Processing / Skins	C111100		Paeroa	Tri Way		static grate	1992	1.5 Hot water		1	1	16	84	1.3 N	N/A	120 Coal	300 Tonnes
Meat Processing / Skins	C111100	Silver Fern Farms	Pacific	Anderson		Single furn	1976	4.5 Sat. steam	7.4	10	3.5	20	302	21.1 N	N/A	Coal	3387 Tonnes
Meat Processing / Skins	C111100	Silver Fern Farms	Pacific	Anderson		Single furn	1976	2.3 Sat. steam	3.1	10	1.95	4	302	2.4 N	N/A	CNG	####### Litres
Meat Processing /	C111100	Silver Fern Farms	Pareora	John Thompso	n	Twin furna	1961	4 Sat. steam	6.55	10.5	3.2	18	225	13.0 N	N/A	Coal	1936 Tonnes
Skins Meat Processing /		Silver Fern Farms															
Skins Meat Processing /	C111100	Silver Fern Farms	Pareora	John Thompso	n	Twin furna	1961	4 Sat. steam	6.55	10.5	3.2	18	225	13.0 N	N/A	Coal	1936 Tonnes
Skins Meat Processing /	C111100	Silver Fern Farms	Pareora	John Thompso	n	Single furn	1961	2.35 Sat. steam	3.85	10.5	1.6	12	200	3.8 N	N/A	Coal	968 Tonnes
Skins Meat	C111100	Silver Fern Farms	Pareora	John Thompso	n	oil furnace	1970	6.3 Sat. steam	10.2	10.5	0	0	10	0.0 N	N/A	Oil	27500 Litres
Processing / Skins Meat	C111100	Silver Fern Farms	Rotorua	Hoval		Water heat ?		0.234 Hot Water			0.2	12	235	0.6 N	N/A	97 CNG	918 GJ
Processing / Skins Meat	C111100	Silver Fern Farms	Silverstream	Scott		Single furn	2005	3.5 Sat. steam	5.7	8	6	20	200	24.0 N	N/A	LPG	1490000 Litres
Processing / Skins	C111100		Takapau	Anderson		Single furn: ??		3.35 Sat. steam	5.4	9	2	22	220	9.7 N	N/A	CNG	Unreliable d GJ

Meat		Silver Fern Farms														
Processing /		Siver rem rams														
Skins Meat	C111100	Silver Fern Farms	Takapau	Steampac		Single furn	1981	1.2 Sat. steam Unkno	wn	9.5	0.6	22	220	2.9 N	N/A CNG	Unreliable d GJ
Processing /		onver rem rums														
Skins Meat	C111100	Silver Fern Farms	Takapau	Aquatherm		Water heat	2010	1.5 Hot water		2	1	24	220	5.3 N	N/A 97 CNG	Unreliable d GJ
Processing /		Saver rem rams														
Skins	C111100	67 F F	Takapau	Centrometal		Water heat	2010	1.5 Hot water		2	1	24	220	5.3 N	N/A 97 CNG	Unreliable d GJ
Meat Processing /		Silver Fern Farms														
Skins	C111100		Takapau	Aquaheat	Redundant			0.4 Hot water						0.0 N	N/A CNG	GJ
Meat Processing /		Silver Fern Farms														
Skins	C111100		Te Aroha	Tri Way		static grate	1991	2 Hot water	3	1.2	2	23	200	9.2 N	N/A 120 Coal	1000 Tonnes
Meat Processing /		Silver Fern Farms														
Skins	C111100		Vital	Scott		Single furnace fir	e tube	0.42 Sat. steam	0.7					0.0 N	N/A Diesel	Litres
Meat Processing /		Silver Fern Farms														
Skins	C111100		Waitane	B+W		Single furn	1997	2.2 Sat. steam	3.5	9	2	14	175	4.9 N	N/A Coal	900 Tonnes
Meat Processing /		Silver Fern Farms														
Skins	C111100		Waitane	Scott Taylor		Single furn	1986	0.9 Sat. steam	1.5	9	1	2	175	0.4 N	N/A Coal	70 Tonnes
Meat		Silver Fern Farms														
Processing / Skins	C111100		Waitotara	Ynis	EM2905	Water heat	1990	3 Hot water		3	2	24	330	15.8 N	N/A 15.84 CNG	22561 GJ
Meat Processing /		SOUTH PACIFIC MEAT	'S AWARUA	ANDERSON		Firetube	2008	4.5 Saturated Steam		10				27.216	Coal	
Skins	C111100															
Meat Processing /		SOUTH PACIFIC MEAT	'S AWARUA	SCOTT			1973	1.2 Saturated Steam		9					light oil	
Skins	C111100							Steam								
Meat		SOUTH PACIFIC MEAT	'S AWARUA	YGNIS			2004	1.5 Hot Water							LPG/Butar	ı
Processing / Skins	C111100														e	
Meat		SOUTH PACIFIC MEAT	'S MALVERN	AQUAHEAT		Firetube	1999	0.6 Hot Water	0.27	3.1					116 LPG/Butar	
Processing / Skins	C111100														ė	
Meat		TARANAKI ABATTOIR		SCOTT		Firetube	1994	1 Saturated		10.3				3.84	186 Gas	
Processing / Skins	C111100		ABATTOIR					Steam								
Meat		TARANAKI ABATTOIR		ANDERSON		Firetube	1994	1 Saturated		10.3				2.16	186 Gas	
Processing / Skins	C111100		ABATTOIR					Steam								
Meat		TAYLOR PRESTON LT	D KIWI POINT	SCOTT			1994	1 Steam	1.81	10.34				8.568	Gas	
Processing / Skins																
Meat		TAYLOR PRESTON LT	D KIWI POINT	ELCO				2.2 Hot Water						18.8496	60 Gas	
Processing / Skins																
Meat		TAYLOR PRESTON LT	D KIWI POINT	AQUATHER			1990	0.97 Hot Water		5				8.31096	91 Gas	
Processing /				M												
Skins Meat		TAYLOR PRESTON LT	D KIWI POINT	AQUATHER			1990	0.97 Hot Water		5				8.31096	91 Gas	
Processing / Skins				M												
Meat		TAYLOR PRESTON LT	D KIWI POINT	HOVAL			1992	2.68						22.512	108 Gas	
Processing / Skins																
Meat		TAYLOR PRESTON LT	D KIWI POINT	HOVAL			1992	2.68						22.512	108 Gas	
Processing / Skins																
Meat		TE KUITI MEAT	TE KUITI MEAT				1997	6 Saturated		8				30.24	Gas	
Processing / Skins	C111100	PROCESSORS LTD	PROCESSORS LTI	D				Steam								
Meat		TE KUITI MEAT	TE KUITI MEAT					2 Hot Water							Gas	
Processing / Skins	C111100	PROCESSORS LTD	PROCESSORS LTI	D												
Meat		TEGEL FOODS	TAIHAPE	VEKOS		Firetube		1.7 Saturated	2.72	4.5					156 Coal	
Processing / Skins	C111200		BOILERS	POWERMAS TER				Steam								
Meat	2.11200	TEGEL FOODS	TAIHAPE	ANDERSON		Firetube		1.1 Saturated	1.81	4.5					156 Coal	
Processing / Skins	C111200		BOILERS					Steam								
Skins Meat	C111200	TEGEL FOODS	CARMEN ROAD	SCOTT		Firetube	1970	1.4 Saturated	1.81	10				5.824	184 Oil/Diesel	
Processing /	C111200		CHCH	COMBUSTIO				Steam								
Skins Meat	C111200	TEGEL FOODS	FEEDMILL &	N ANDERSON			1978	0.4 Saturated		10				2.7456	light oil	
Processing /	C111200		PROCESSING					Steam								
Skins Meat	C111200	TEGEL FOODS	PLANT TEGEL FOODS	ANDERSON		Watertube	1987	1 Steam		10.34				6.24	185 Gas	
Processing /	CHILDON		BELL BLOCK													
Skins	C111200															

Meat Processing / Skins	C111200	TEGEL FOODS	TEGEL FOODS BELL BLOCK	ANDERSON	Watertube	1973	1.4 Saturated Steam	1.8	10.3					186 Gas	
Meat Processing /	C111200	TEGEL FOODS	TEGEL FOODS HENDERSON			2006	2.8 Heated Oil						24.4608	280 Gas	
Meat Processing /		TEGEL FOODS	TEGEL FOODS HENDERSON	YGNIS		1998	0.9 Hot Water		2		24	364	5.616	90 Gas	
Skins Meat Processing /	C111200	TEGEL FOODS	TEGEL FOODS HENDERSON	YGNIS	Watertube	1998	0.3 Hot Water				24	364	0.78	77 Gas	
Skins	C111200														
Meat Processing /		TEGEL FOODS	CARMEN ROAD	SCOTT	Firetube	1970	1.4 Saturated	1.81	10				5.824	184 Oil/Diesel	
Processing / Skins	C111200		CHCH				Steam								
Meat		TEGEL FOODS	CARMEN ROAD	SCOTT	Firetube	1970	1.4 Saturated	1.81	10				5.824	184 Oil/Diesel	
Processing /			CHCH				Steam								
Skins Meat	C111200	TEGEL FOODS	CARMEN ROAD	SCOTT	Einsteile.	1970	1.4.6	1.81	10				5.824	184 Oil/Diesel	
Processing /		TEGEL FOODS	CHCH	SCOTT	Firetube	1970	1.4 Saturated Steam	1.81	10				5.824	184 Oli/Diesei	
Skins	C111200		CHCH				Steam								
Meat		TEGEL FOODS	CARMEN ROAD	SCOTT	Firetube	1970	1.4 Saturated	1.81	10				5.824	184 Oil/Diesel	
Processing /			CHCH				Steam								
Skins Meat	C111200	TEGEL FOODS	CARMEN ROAD	COTT	Firetube	1970	1.4 Saturated	1.81	10				5.824	184 Oil/Diesel	
Processing /		TEGEL FOODS	CHCH	30011	riiciube	1970	Steam	1.01	10				3.024	184 Oli/Diesei	
Skins	C111200		CHCH				bicam								
Meat		UNIVERSAL BEEF	UNIVERSAL BEEF	AQUAHEAT	Firetube	2004	0.6 Hot Water						3.672	82 Gas	
Processing /	C111100	PACKERS	PACKERS												
Skins Meat	CITIO	UNIVERSAL BEEF	UNIVERSAL BEEF	AOHATHER	Firetube	2000	0.75 Hot Water						5,508	90 Gas	
Processing /		PACKERS	PACKERS	M	1 11011100	2000	o.75 Tion Water						5.500	90 Gas	
Skins	C111100														
Meat		WALLACE CORP	WAITOA	AQUATHER	Firetube	1988	2.25 Hot Water						13.284	88 Gas	
Processing /				M											
Skins Meat		WALLACE CORP	THAMES	AQUATHER	Firetube	2003	3 Hot Water						9.504	88 LPG/Butan	
Processing /		LL. ICL CORI		M	1 11011100	2000	5 110t Water						,	e e	
Skins															
Meat		WALLACE CORP	THAMES	AQUATHER	Firetube	2002	1.1 Hot Water							88 LPG/Butan	
Processing /				M										e	
Skins															

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.	Boiler Type	Year Installed	Size MW	Output Type	Maximum Output Amount t/hi	Normal Operating Pressure bar	Normal Operating Output MW	Normal Hours Operated po Day	Normal Da Operated per Year	Annual Heat Output GWh	Winter Heating Only?	Annual Cogen Elec.Outpu kWh	Normal Boiler t Operating Temperature oC	Fuel Type	Annual Fuel Use for Boiler Only	Fuel Unit	Fuel CV kJ per Fuel Unit
		Miscellaneous													Gwii			00				
Aggregate		Hynds Pipe Systems Ltd	Hynds Pipe Systems					0.5	58				2	20					Natural gas			
Aggregate	B0919	Hynds Pipe Systems Ltd	Hynds Pipe Systems					1.	13				2	20	86	no			Natural gas			
Aggregate	B0919	James Hardie	James Hardie					6.0	00				1	10	86	no			Natural gas			
Automotive	B0919	Bridgeman Street	64 Bridgeman Street											2	60	no					litres	
Automotive	S941200	Panelbeaters	Dunedin																Diesel	12000?	litres	
Automotive	S941200	Broughton Street Paint and	117 Broughton Street	Dunedin															Diesel	73000?	cubic	
Automotive	S941200	Collision City Cooke Howlison Toyota	205 Andersons Bay I Cnr Carrol and Hope					0.1 0.:											piped gas	14000?	metres	
			Streets Dunedin					0.	15										Diesel	5000?		
Automotive	S941200	Dunedin Auto Painters	29 McGlashan St Mosgiel Dunedin																piped gas	14000?	cubic metres	
Automotive	S941	Fuji Automotive	King Edward Street					0.1	15										Diesel	400?	litres	
Automotive		Harrow Motor Body Works	26 Wilkie St Dunedin	1																	litres	
Automotive	S941200	Thomson's Panelbeating	Castle St Dunedin					0.14	.2										Diesel Diesel	10000? 2400?	litres	
Banking Banking	S941200 S9551	BNZ Building Westpac Banking Corp	266 Trafalgar St Nels Princes Street Dunedin	son				1	.7										Diesel	3?	tonnes litres	
	S9551	LSG Sky Chefs NZ Ltd	LSG Sky Chefs																Diesel Natural gas			
Caterers	H4513	LSG Sky Chefs NZ Ltd	LSG Sky Chefs					1	.2				1	2 3	65	no			Natural gas			
Caterers	H4513	Amcor Beverage Can (Australia) Ltd	Ash Rd					1 0.4	.2 45				1	24 3	65 64	no			Natural gas			
		Amcor Flexibles Australasia (Amcor Packaging (NZ)						0.3	30						0				Natural Gas			
Chemical		Ltd) Barnes Plastics (Huntsman Chemical Company NZ						1.3	30				2	21 2	08				Natural gas			
chemical	F3323	Ltd) Barnes Plastics (Huntsman Chemical Company NZ						1.4	40				2	21 2	08				Natural gas			
chemical	F3323	Ltd) Bio-diesel Oils Ltd	Solvent Services Ltd					1.1	70										Natural gas			
chemical		Chemcolour Industries	Chemcolour					0	.3				1	10 2	260				Natural gas			
Chemical	F3323	(NZ) Ltd Godfrey Hirst (NZ) Ltd	Industries Godfrey Hirst					0.0	20				1	10 2	160				Natural gas			
Chemical		Henkel NZ Ltd	Henkel NZ Ltd					0.6	59					4	0				Natural gas			
Chemical		J Gadsden (NZ) Ltd (Visy	Visy Rigid Packaging											24 1	160				Natural gas			
Chemical		Rigid Packaging (NZ) Ltd) Keep It Clean Limited	(NZ) Ltd																			
Chemical	F3323		Dunedin	Vekos				1	.5										Coal	2400? For	3 tonnes	

	Keep It Clean Limited							
Chemical F3323	3M NZ Ltd	Dunedin 3M NZ - Glenfield	Scott Taylor	1.5				Coal 5126200
Chemical	Nufarm Health & Sciences	Nufarm Health &		1.2	24 2	365 130		kWhr p/a natural gas Natural gas
Chemical	(Nufarm NZ Ltd) Nufarm Ltd	Sciences Nufarm		1.16	6	204		Diesel
Chemical				1.10				
Chemical	Nuplex Industries Ltd	Nuplex - Onehunga			24	260		Natural gas
	Nuplex Industries Ltd	Nuplex - Penrose			12	10		Natural gas
Chemical								
Chemical	New Zealand Foam Latex I Primaxa Ltd	Koppers Arch Ltd		3.5 0.9	8	260		wood Diesel
Chemical	PSM Healthcare Ltd	(Primaxa) PSM Healthcare		1.20	15.5	312		Natural gas
Chemical	Rohm & Haas N Z Ltd	Rohm & Haas, 8-26			24	255		Natural gas
Chemical	Skellerup Industries Ltd	Beach Rd Skellerup Industries		1.14	20	52		Natural gas
Chemical				1.14	20	32		
commercial centres	Manukau Shopping Centre Westfield Manukau City Ltd	Westfield Manukau		0.75		273	no	Diesel
commercial centres	Manukau Shopping Centre Westfield Manukau City	Westfield Manukau		0.75		273	no	Diesel
Engineering	Ltd Air NZ Ltd	Engineering Division					no	
Engineering	Air NZ Ltd	Engineering Division		1.7	24	156		natural gas
Engineering	SIMS Engineering	Birch St Dunedin		1.7	24	299		natural gas litres
Engineering	SIMS Engineering	Birch St Dunedin						Diesel 20,000?
Food/Animal	Ottogi NZ Ltd	76 Rangi Road						LPG 2600000?
Products		Takanini Papakura District 5 Parere St Nelson		4	6	260		natural gas
Laundry & Dry S953100	Alsco Nelson Laundry	5 Parere St Nelson	Vekos				No	Coal 360? tonnes 25?
Laundry & Dry S953100	J.A. McCallum & Son Ltd							
	Preens Dry Cleaners	Kitchener Street Dunedin		0.9				litres
Laundry & Dry S953100	CSP Coating Systems Ltd (Fletcher Steel Ltd)	CSP Coating Systems Ltd		0.792	24			LFO 210000? Natural gas
Metal	East Tamaki Galvanising Ltd	East Tamaki Galvanising Ltd		0.19	12	264	no	Natural gas
Metal	Fletcher Steel Ltd	Fletcher Steel - 21			24	260	no	Natural gas
Metal		Beach Rd	Anderson	1.7		312	no	
wicial	Fletcher Steel Ltd	Fletcher Steel - 21 Beach Rd	Aurenson	1.7		312	110	Natural gas
Metal			Anderson	1.7	24	312	no	
Metal	Franklin Machinery Ltd (Gallagher Group Ltd)	Franklin Machinery Ltd		0.011	12	260	no	Natural gas
Pulp, Paper and Cardboard C15	Amcor Cartons Australasia Ltd	Amcor Cartons		6.00	24	260	no	Natural gas
CIS						200	110	

Pulp, Paper		Carter Holt Harvey	Packaging Case	4.50	16			Natural gas		
and Cardboard	C15		Division			260	no			
Pulp, Paper	015	J Gadsden (NZ) Ltd (Visy	Visy Board NZ Ltd	4.00	20	200		Natural gas		
and Cardboard		Board (NZ) Ltd)								
	C15					260	no			
		Designer Textiles Ltd	Designer Textiles	5.68	16			Natural gas		
Textiles						286	no			
		Manukau Knitting Mills	Manukau Knitting	1.80	11			Natural gas		
			Mills							
Textiles	C134000					260	no			
1 CAULCS	C154000	Manukau Knitting Mills	Manukau Knitting	1.34	11	200	110	Natural gas		
			Mills							
Textiles	C134000	Manukau Knitting Mills	Manukau Knitting	1.34	11	260	no	Natural gas		
		ivianukau Kintung ivinis	Mills	134	**			rvaturar gas		
	C134000					260	no			
Textiles		Summit Wool Spinners Envirowaste Technical	Weaver St Oamaru	7.1 1.7			no	Coal Waste oil	1320?	tonnes
		Services Ltd		1.7				waste on		
Waste					8	260	no			
		International Waste Ltd	Sterilisation Solutions	0.6				Natural gas		
Waste					24	364	no			
		Medismart Ltd	Nuplex Medismart	3.10				Natural gas		
Waste					8	260	no			
		Medismart Ltd	Nuplex Medismart					LPG		
Waste		Water Condens Lad	Watercare - Mangere					Di		
		Watercare Services Ltd	Sewage Treatment					Biogas		
			Plant							
waste	D281200	Watercare Services Ltd	Watercare - Mangere	2.50	24	365	no	Biogas		
		watercare services Ltu	Sewage Treatment					Diogas		
			Plant							
waste	D281200	Watercare Services Ltd	Watercare - Mangere	2.40	24	365	no	Rivers		
			Sewage Treatment					Biogas		
			Plant							
waste	D281200	Otago Museum Trust	Great King Street	2.50 0.4	24	365	no			
			Dunedin Dunedin	···						
								LPG		
		AMP Building	Princes St Dunedin	0.3						litres
								Diesel	8000?	
		Apparelmaster - Preens Ltd	d Wharf Street	4				Diesei	0000?	litres
			Dunedin							
		nan	600 M 3					LFO	210000?	V.
			570 Kaikorai Valley Road Dunedin	0.4						litres
			Total Duncan					Diesel	13000?	
		Dunedin Casinos		0.35				LPG		
		Dunedin Casinos		0.35				LPG		
		Dunedin Gasworks Museum Trust	20 Braemar Street					Wood waste	3000?	tonnes
		Forsyth Barr House	165 Stuart St					asic		litres
		,	Dunedin					Diesel	17000?	

Fulton Hogan Ltd - Nelson				LFO	120,00	00 litres
· ·	121 Bolt Rd Nelson					
Grant James Ltd t/a Pinewo			0.1	wood		
Grant James Ltd t/a Pinewo			0.15	wood		
GreenTank Limited	ood Louge		0.13	Diesel		
Green rank Linned				Diesei		
	Broughton Street Dunedin		0.15			
Humes Pipeline Systems	Diougnon outer Duncum	2008	0.5			
riunes i ipenie systems		consented	0.5			
	110 Mere Rd Fernhill Hastings	consented		Diesel		
I A M-G-B 8 G I-1	Invercargill, 9810 Vekos			wood		
	invercargii, 9810 Vekos	2000		wood		
Liqueo Bulk Storage		2009	1.2			
	Port of Napier	consented		Diesel		
LJ Hooker	10 Centennial Avenue, Alexandra			Diesel		
Solid Energy			0.12	Coal		
	Stockton Mine near Westport					
Telecom New Zealand Ltd	Tennyson Street		0.23			tonnes
	Dunedin			Coal	20?	
Valley Industries Ltd	151 Kaikorai Valley			com	20.	litres
	Road Dunedin					nues
	Koau Duliculii			LFO	26000?	
Wickliffe Press Ltd	Clyde St Dunedin			Ero	20000:	litres
WICKINIC PIESS LIG	Ciyue at Dullediii					nues
				Diesel	33,000?	

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.		Year Installed		Type	Output	Normal Operating Pressure bar	Normal Operating Output MW	Normal Hours Operated pe Day	Normal Day Operated per Year		Winter Heating Only?	Annual Cogen Elec.Outpu kWh	Normal Boiler t Operating Temperature oC	Fuel Type	Annual Fuel Un Fuel Use for Boiler Only	it Fuel CV kJ per Fuel Unit	
Orlean		Other Manufacturing	Christian																* D.II			
Other Manufacturing		Air NZ Engineering	Christchurch																* Pellets			
0.1																						
Other Manufacturing																						
	C131	Allied Farmers Wools																				
Other Manufacturing		ALSCO	ALSCO INVERCARGILL	VEKOS		Watertube	2006	4.5	5 Saturated Steam		10)			11.5	7			Lignite			
Other		ALSTOM POWER	X																			
Manufacturing																						
Other																						
Manufacturing	C131	Aotearoa Wools																				
0.1																						
Manufacturing	C131	Ascot Wools																				
Other Manufacturing																						
	C131	Associated Wool Exporters	KADUNI	DELTEV		W	200		0.0		-				157.21			222				
Other Manufacturing		BALLANCE AGRI NUTRIENTS LTD	KAPUNI	DELTEK		Waterwall	2004	13	8 Saturated Steam	36	21	S			157.248	S		232				
Other		BALLANCE AGRI	KAPUNI	UNKNOWN		Watertube	1982	1:	1 Saturated	21.6	21	2			96.096	5		232	2 Gas			
Manufacturing		NUTRIENTS LTD		USA		watertube	1702		Steam	21.0	-	ĺ			70.070	,		202	Gus			
Other		BALLANCE AGRI	KAPUNI	ANDERSON		Watertube	1982	19	9 Saturated	25.2	32	2			165.984	4		293	Gas			
Manufacturing		NUTRIENTS LTD							Steam													
Other		BALLANCE AGRI	KAPUNI			Waterwall	1995	5 (6	10.8		2						120)			
Manufacturing		NUTRIENTS LTD																				
Other Manufacturing		BALLANCE AGRI NUTRIENTS LTD	MT MAUNGANUI	JOHN THOMPSON		Firetube	1984	20	0 Superheate d Steam		50)			164.64	4	3293000	0 390	Sulphur			
_																						
Other Manufacturing		BALLANCE AGRI NUTRIENTS LTD	MT MAUNGANUI	EASTEEL - STEAMPAC		Firetube	1981	1.4	4 Saturated Steam			1					3293000	0	Oil/Diesel			
Other																						
Manufacturing		D D																				
Other	C131	Bloch & Behrens Wool CANTERBURY CLAY	CANTERBURY				1999	2.4	4						20.9664	4			Oil/Diesel			
Manufacturing		BRICKS	CLAY BRICKS																			
Other																						
Manufacturing																						
Other Manufacturing																						
0.1	C131	Canterbury Spinners	G.A.M.	I TOVO																		
Other Manufacturing		CANTERBURY WOOL SCOURERS LTD	CANTERBURY WOOL SCOURERS			Watertube	2004	. (6 Saturated Steam		10	,			49.392	2			Coal			
			LTD CANTERBURY				1995		4 Saturated		,				3.0576	5			Coal			
Other Manufacturing	G121100	SCOURERS LTD	WOOL SCOURERS				1993	, 1.4	4 Saturated Steam		•	,			5.0570	,			Coai			
		CANTERBURY WOOL	LTD CANTERBURY	SCOTT			1993	1.4	4 Saturated			3			3.0576	5			Coal			
Manufacturing	C131100	SCOURERS LTD	WOOL SCOURERS						Steam													
Other		CARTER HOLT	LTD KAWERAU	COMBUSTIO		Waterwall	1969	160	0 Superheate	185	4				134	4	12180000	0 385	Black			
Manufacturing		HARVEY	TASMAN	N ENGINEERIN					d Steam										liquor			
Other		CARTER HOLT		INTERNATIO		Waterwall	1955	6	3 Superheate	70	4:	5			539.784	4	12180000	0 400	Hog fuel			
Manufacturing		HARVEY		NAL COMBUSTIO					d Steam													
Other Manufacturing		CARTER HOLT HARVEY	KAWERAU TASMAN	FOSTER WHEELER		Waterwall	1955	6.	3 Superheate d Steam	70	4:	5			539.784	4	12180000	0 400	Hog fuel			
_				(MCKENZIE																		Russell.Longuet@chh.co.nz
Other Manufacturing		CAVALIER BREMWORTH	AWATOTO	VEKOS		Firetube	1980) 4.9	9 Saturated Steam	7.71	10)			28.224	1			Coal			
	C131	CAVALIER	AWATOTO	VEKOS		Firetube	1980) 44	9 Saturated	7.71	10				28.224	1			Coal			
Other Manufacturing	a.a.	BREMWORTH	AWAIOIO	TERUS		1 actube	1980	, 4.3	Steam	7.71	10				20.22				Coar			
	C131																					

Other Manufacturing	Cavalier Wool Holdings		2005 consented	4.5				
Other Manufacturing	540 Main Rd Clive N Cavalier Wool Holdings	Napier	Natural gas 2005 consented	2.8			Natural gas	
Other	540 Main Rd Clive N	Napier	Natural gas				Natural gas	
Manufacturing C131	Central Wool Auctions							
Other Manufacturing C131	Chargeurs Wool							
Other Manufacturing	Christchurch Wool Dumpers							
Other Manufacturing C131100	CLIFTON WOOL SCOUR CLIFTON WOOL SCOUR	Heatpak	Watertube 1982	2 Saturated 5 Steam	.42	15.456	150 Lignite	
Other Manufacturing C131100	CLIFTON WOOL SCOUR CLIFTON WOOL SCOUR	Heatpak	Watertube 1982	2 Saturated 5 Steam	.42	15.456	150 Lignite	
Other Manufacturing	CLIVE SCOURING COY CLIVE SCOURING COY	Taylors clone G EASTEEL	1998	2.9 Saturated Steam	10	21.7152	181 Gas	
Other Manufacturing	COLGATE PALMOLIVE PETONE		2008					
Other Manufacturing	CONTRACT BOTTLING CONTRACT BOTTLING	EASTEEL	1998	5 Saturated Steam	8	42.84	Gas	
Other Manufacturing	DOMINION SALT MT MANGANUI	EASTEEL	Watertube 1998	6 Superheate d Steam	16	48.384 28300	000 290 Gas	
Other Manufacturing	DOMINION SALT MT MANGANUI		2004	0.42		1.6128 28300	000 Gas	
Other Manufacturing	DOMINION SALT DOMINION SALT GRASSMERE	EASTEEL	Firetube 1996	2.75 Saturated 1 Steam	0.3	20.79	185 Coal	
Other Manufacturing	ENERGY FOR WPI, KARIOI INDUSTRY	EASTEEL	2004	12 Heated Oil		98.784	275 Wood waste & pulp sludge	
Other Manufacturing C131	Feltex Carpets						, and a	
Other Manufacturing C131	Fibretech NZ							
Other Manufacturing C131	Freeth & Co							
Manufacturing C131	Fuhrmann NZ							
Manufacturing C131	Gisborne Wool Co.							
Other Manufacturing	GL BOWRON GL BOWRON	MAXITHERM	Watertube 2003	8 Saturated Steam	8.6	47.04	Coal	
Other Manufacturing C131	H Dawson & Sons Co.							
Other Manufacturing C131	H. D. Farm Direct							
Other Manufacturing C131	Harrison Wool Services Canterbury							
Other Manufacturing C131100	HAWKES BAY WOOL HAWKES BAY SCOURERS WOOL SCOURERS	EASTEEL S	1971	1.1 Saturated Steam	8	7.656	Gas	
Other Manufacturing C131100	HAWKES BAY WOOL HAWKES BAY SCOURERS WOOL SCOURERS	EASTEEL S	1971	1.1 Saturated Steam	8	7.656	Gas	
Other Manufacturing C131	Highland Wools							

Other Manufacturing		Hope Moulded	Aniseed Valley Rd Nelson				1980	0.3							Diesel boiler		
Other Manufacturing		Hope Moulded	Aniseed Valley Rd Nelson				1990	1.1							LPG boiler		
Other Manufacturing		INTERNATIONAL FINE FOODS	INTERNATIONAL FINE FOODS	ANDERSON		Firetube	1980	2 Saturated Steam	1.818	8			12		Gas		
Other Manufacturing		INTERNATIONAL FINE FOODS	INTERNATIONAL FINE FOODS	ANDERSON		Firetube	1980	1.46 Saturated Steam	1.818	8					Gas		
Other Manufacturing	131	Invercargill Wood Dumpers	;														
Other Manufacturing C1	131	J L Crichton & Co.															
Other Manufacturing C1		J S Brooksbank & Co,															
Other Manufacturing		John Marshall & Co.															
Other Manufacturing C1		KAPUTONE WOOL SCOUR	KAPUTONE WOOL SCOUR	TAYLOR		Waterwall	1997	2.4 HP Hot Water	2.2	10 6 to 8 bar	24	264	16.128 no		156	3168 tonnes	
Other Manufacturing C1	131100	KAPUTONE WOOL SCOUR	KAPUTONE WOOL SCOUR	TAYLOR		Waterwall	1999	2.4 HP Hot Water	2.2	10 6 to 8 bar	24	264	16.128 no		Coal Heaphy 156	3168 tonnes	
Other Manufacturing	131100														Coal Heaphy		
		Lempriere NZ															
Other Manufacturing C1 Other		Lowe Corporation															
Manufacturing C1 Other	131	Manukau Wools MCCALLUM	MCCALLUM	ANDERSON		Firetube	1967	1.4	1.81	8					170 Gas		
Manufacturing		INDUSTRIES LTD	INDUSTRIES LTD														
Other Manufacturing		MCCALLUM INDUSTRIES LTD	MCCALLUM INDUSTRIES LTD	SCOTT			2002	3.5 Saturated Steam		10.3			21		185 Gas		
Other Manufacturing	131	North Canterbury Wools															
Other Manufacturing C1	131	Primary Wool Coopertaive	Ltd														
Other Manufacturing C1		Putuaruru Wools															
Other Manufacturing		PV Weber Wools															
Other Manufacturing																	
Other Manufacturing		Pyne Gould Guinness Ltd									10.5	188					
Other Manufacturing	131	Qualityams (NZ) Ltd RAVENSDOWN	Union St Milton AWATOTO	Babcock and Washington BABCOCK	ilcox water tube	1923 Firetube		3.5 Saturated steam 25.3	120 psi 32.5	safeties 3500 kg/kg 45			191.268	30240000	175 Kai Point 415 Sulphur	1375 tonnes Tonnes	
Other Manufacturing		RAVENSDOWN	AWATOTO	BABCOCK & WILCOX		Firetube	1976	10.8 Saturated Steam	14	6.5				30240000	Oil/Diesel		
Other		RAVENSDOWN	RAVENSBOURNE	BABCOCK &			1970	1.4 Saturated		9.65					Oil/Diesel		
Manufacturing Other		RAVENSDOWN	RAVENSBOURNE			Firetube	1967	Steam 9.2 Superheate	11.8	21.4			74.1888		400 Sulphur		
Manufacturing Other		RAVENSDOWN	HORNBY	WILCOX COCHRANE		Firetube	1967	d Steam 11.7 Superheate	14.97	30			94.3488	8870400	400 Sulphur		
Manufacturing Other		RCR EASTEEL ENERGY		DESIGN EASTEEL -				d Steam 1.137 Steam	1.814	10					-		
Manufacturing		SYSTEMS	ENERGY SYSTEMS	STEAMPAC													
Other Manufacturing		RCR EASTEEL ENERGY SYSTEMS	RCR EASTEEL ENERGY SYSTEMS	EASTEEL - STEAMPAC			2006	1.137 Steam	1.814	10							

Other Manufacturing		RCR EASTEEL ENERGY SYSTEMS	ENERGY	EAST COAST STEAM -		2006	1.44	2.3					
Other Manufacturing		RCR EASTEEL ENERGY SYSTEMS	SYSTEMS RCR EASTEEL ENERGY SYSTEMS	AUSTRALIA, EASTEEL - STEAMPAC		2006	0.75	1.2					
Other Manufacturing Other		Rokelay Wool NZ											
Manufacturing	C131	Roy Candy Wools											
Other Manufacturing Other		Textile Wools											
Other Manufacturing Other		The NZ Merino Co. Ltd											
Other Manufacturing	C131	Tisbury Wools											
Other Manufacturing		UNILEVER	UNILEVER	EASTEEL	Firetube	2003	1.7 Saturated Steam	1)	13.4232	Gas		
Other Manufacturing	C131	WAS G.B.											
Other Manufacturing		W & S. G. Bremner											
Other Manufacturing	C131	Waihi Wools										litres	
Manufacturing		Wanaka Joinery	Ballantyne Rd Wan	naka							Diesel	2000?	
Other Manufacturing	C131100	WHAKATU WOOL SCOURERS LTD	WHAKATU WOOD SCOURERS LTD			2005	1.8 Hot Water			3.024	Gas		
Other Manufacturing	C131100	WHAKATU WOOL SCOURERS LTD	WHAKATU WOOD SCOURERS LTD			2005	1.2 Hot Water				Gas		
	C131100	Woodhams Ashburton Wo	ool Scour										
Manufacturing		Woolyarns Ltd											
Other Manufacturing	C131	Wool Technologies Ltd											

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.		Year S Installed M	iize Output AW Type	Maximum Output Amount t/hr	Normal Operating Pressure bar	Output MW	Normal Hours Operated per Day	Normal Days Operated per r Year	Annual Heat Output	Winter Heating Only?	Annual Cogen Elec.Outpu kWh	Normal Boiler t Operating Temperature	Fuel Type	Annual F Fuel Use for Boiler Only	uel Unit	Fuel CV kJ per Fuel Unit
		Research Institutes												GWh			oC				
organisations/ Government	Mana	AGRESEARCH	AGRESEARCH RUAKURA	HOVAL		Watertube	1985	0.4 Hot Water						1.05	6		9	7 Gas			
organisations/ Government	M6910																				
Government	M6910	AgResearch	Hamilton - South Wing Basement			Sectional	1965?	HW			0.441 (1575MJ/hr)	OUT OF SERVICE			Y			Gas			
organisations/	M6910	Agkesearcn							2000 11 11												
Government	140010		Hamilton - MIRINZ D Block	Anderson		Shell and Tube	1972	Steam	2000 lbs/hr a 100 C	5 (max 10)		8						Gas			
organisations/	M6910	AgResearch																			
Government			Hamilton - APC SAC	ProCon		Shell and Tube	2007	HW			0.07							Gas			
organisations/	M6910	AgResearch																			
Government			Hamilton - Kirton Wing	Hoval		Water Tube	1970's	HW				OUT OF SERVICE						Gas			
organisations/	M6910	AgResearch																			
Government			Hamilton - Plant Protection	Hoval		Water tube	1970's	HW			0.176	8						Gas			
organisations/	M6910	AgResearch																			
Government			Hamilton - Insecticides	Hoval		Water tube	1970's	HW			0.088	8						Gas			
organisations/	M6910	AgResearch																			
Government			Hamilton - MIRINZ A Block	Cuddon		Shell and Tube	1965	HW				8			Y			Gas			
organisations/	M6910	AgResearch																			
Government	M6910	AgResearch	Dunedin	Taymack		Firetube	2008	0.5 Hot Water				ç	365		no		8) Wood wast	e 85 T	onnes	
organisations/ Government																					
organisations/	M6910	AgResearch	Dunedin	Taymack		Firetube	2008	0.5 Hot Water				9	365		no		8) Wood wast	e 85 T	onnes	
Government organisations/	M6910	AgResearch	Ulyatt Reid Facility	Aquaterm Ygni	s AY200			0.2										Gas			
Government	M6910	AgResearch	Ulyatt Reid Facility	Aquaterm Ygni	s AY201			0.2										Gas			
organisations/ Government																					
organisations/	M6910	AgResearch	Allan Johns	Hoval	TKS 150			0.175										Gas			
Government	M6910	AgResearch	Levy	Aquaterm	A 770			0.77										Gas			
organisations/ Government	M6910	AgResearch																			
organisations/ Government	0710																				
organisations/	M6910	AgResearch																wood			
Government	M6910	Aqualinc Research Ltd	NO BOILERS Chri	s NO BOILER																	
organisations/ Government	Monto	Aqualina Day	NO DOE EDG	No new pr																	
organisations/	M6910	Aqualinc Research Ltd	NO BOILERS Har	II NO BOILER																	
Government	M6910	BRANZ	moonshine, upper hu	ti ETA Hack	130-0428-3200		2011	0.13 Hot water		1.5	38 to 14. kw				no		70-85	wood chip	pellet		
	M6910	Cawthron Institute Heavy Engineering																			
	M6910	Research Association (HERA)																			

organisations/																
Government	M6910	Industrial Research Ltd (IRL) Lower Hutt	Robertson Building	Hoval	ST 2600	Hot Water	1981	0.76 Hot Water			0.5	24 hours	365 days		90 C	Gas
organisations/ Government		Industrial Research Ltd														
organisations/	M6910	(IRL) Lower Hutt	Robertson Building	Hoval	ST 2600	Hot Water	1981	0.76 Hot Water			0.5	24 hours	365 days		90 C	Gas
Government	M6910	Industrial Research Ltd (IRL) Lower Hutt	Robertson Building	Hoval	SR 440	Hot Water	1975	0.13 Hot Water			0.5	24 hours	200 days		90 C	Gas
organisations/ Government	M6910	Industrial Research Ltd (IRL) Lower Hutt	Processing Building	Hoval	SR 1300	Hot Water	1978	0.38 Hot Water			0.5	12 hours	180 days	yes	100 C	Gas
organisations/ Government		Industrial Research Ltd														
organisations/	M6910	(IRL) Lower Hutt Industrial Research Ltd	Processing Building	Allen Ygnis	AYH 200	Hot Water	1978	0.5 Hot Water			0.5	12 hours	180 days	yes	100 C	Gas
Government organisations/	M6910	(IRL) Lower Hutt	Processing Building	Steampac	4000 RF	Steam	1998	1.2 Steam	1840Kg/h	10 bar		12 hours	250 days			Gas
Government	M6910	Industrial Research Ltd (IRL) Lower Hutt	Processing Building	Steampac	1200 RF	Steam	2003	1.2 Steam	1840Kg/h	10 bar		12 hours	150 days			Gas
organisations/ Government	M6910	Industrial Research Ltd (IRL) Auckland		NO DOU ED												
organisations/ Government	M0910	Industrial Research Ltd		NO BOILER												
organisations/	M6910	(IRL) Christchurch Institute of Environmental		NO BOILER												
Government	M6910	Science and Research (ESR) Institute of Environmental	auckland													
organisations/ Government	M6910	Science and Research (ESR)	christchurch													
organisations/ Government	14000	Institute of Environmental Science and Research (ESR)														
organisations/	M6910	Institute of Environmental Science and Research	wallaceville													
Government organisations/	M6910	(ESR)	porirua													
Government	M6910	Institute og Geological and Nuclear Sciences (GNS) Institute og Geological and	Avalon	Aquatherm ygr	ni 10	14 hot water	2010	0.95 hot water				6.30-5.15	210	410 mainly	83C	Gas
organisations/ Government	M6910	Nuclear Sciences (GNS) (Lower Hutt)	Lower Hutt	BADCO		hot water	1966	0.6 hot water				630-5.15	210	470 mainly	83C	Gas
organisations/ Government		Institute og Geological and												,		
organisations/	M6910	Nuclear Sciences (GNS) Institute og Geological and	Dunedin													
Government organisations/	M6910	Nuclear Sciences (GNS)		NO BOILER												
Government	M6910	Landcare Research	Lincon	NO BOILER												
organisations/ Government	M6910	Landcare Research	Alexandra													
organisations/ Government																
organisations/	M6910	Landcare Research	Auckland	NO BOILER												
Government organisations/	M6910	Landcare Research	Dunedin													
Government	M6910	Landcare Research	Gisborne													
organisations/ Government	M6910	Landcare Research	Hamilton													
organisations/ Government																
organisations/	M6910	Landcare Research	Christchurch	NO BOILER												
Government organisations/	M6910	Landcare Research	Nelson													
Government	M6910	Landcare Research	Palmerston North													
organisations/ Government																
Government	M6010															
organisations/ Government	M6910	Landcare Research	Havelock North													

		LASRA (New Zealand		
	******	Leather and Shoe Research	ı	
	M6910	Association) National Institute of Water		
organisations/ Government		and Atmospheric Research		
Government	M6910	(NIWA)		
organisations/		National Institute of Water		
Government		and Atmospheric Research		
	M6910	(NIWA)		
organisations/		National Institute of Water		
Government		and Atmospheric Research		
	M6910	(NIWA)		
organisations/		National Institute of Water		
Government	Monto	and Atmospheric Research (NIWA)		
	M6910	(NIWA) National Institute of Water		
organisations/		and Atmospheric Research		
Government	M6910	(NIWA)		
organisations/		National Institute of Water		
Government		and Atmospheric Research		
Covernment	M6910	(NIWA)		
	M6910	OPUS	gracefield	NO BOILER
organisations/				
Government				
	M6910	SCION	auckland	
organisations/				
Government	M6910	SCION	christchurch	
orooniootio /	MONIO	SCION	cinistenuren	
organisations/				
Government	M6910	SCION	rotorua	
organisations/		belon	1010144	
Government				
	M6910	SCION	wellington - no boi	er NO BOILER
organisations/		The New Zealand Institute		
Government		for Plant and Food		
	M6910	Research Ltd		
organisations/		The New Zealand Institute		
Government		for Plant and Food		
	M6910	Research Ltd The New Zealand Institute		
organisations/		for Plant and Food		
Government	M6910	Research Ltd		
organicatio /	1410910	The New Zealand Institute		
organisations/ Government		for Plant and Food		
Government	M6910	Research Ltd		
organisations/		The New Zealand Institute		
Government		for Plant and Food		
	M6910	Research Ltd		
organisations/		The New Zealand Institute		
Government		for Plant and Food		
	M6910	Research Ltd The New Zealand Institute		
organisations/		for Plant and Food		
Government	M6910	Research Ltd		
orooniootio /	1410910	The New Zealand Institute		
organisations/ Government		for Plant and Food		
Government	M6910	Research Ltd		
organisations/		The New Zealand Institute		
Government		for Plant and Food		
	M6910	Research Ltd		
organisations/		The New Zealand Institute		
Government		for Plant and Food		
	M6910	Research Ltd		
organisations/		The New Zealand Institute for Plant and Food		
Government	M6910		No Poiler	No Doiles
	MONIO	Research Ltd	No Boiler	No Boiler
		Transport Engineering NZ		
	M6910	(TERNZ)	No Boiler	NO BOILER

Sector		ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.	Boiler Type	Year Size Installe d	MW Outp	Outp	ing Op	perating utput MW	Normal Hours Operated per Day	Normal Days Operated per r Year	Annual Heat Output	Winter Heating Only?	Cogen Elec.Output kWh	Temperature		Annual Fuel Use for Boiler Only	Fuel Unit	Fuel CV kJ per Fuel Unit
			Rest Homes												GWh			оC				
Rest Ho																						
Rest Ho		Q8601		95 Grants Road, Pap 66 Coutts Street Kilbirnie Wellington	oanui 8025, Christ	church		1995											Diesel			
Rest Ho		Q8601						1995											Gas			
Rest Ho		Q8601	Ryman Malvina Major Retirement Village	134 Burma Road We	ellington			1997											Gas			
Kest He		Q8601	Presbyterian Support Otago																			
Rest Ho			Presbyterian Support Otago - Iona Home																			
Rest Ho				Oamaru	Hamilton			1985	Hot V	Vater								8.	5 Coal		Tonnes	
Rest Ho		Q8601	Presbyterian Support Otago - Iona Home and Hospital	Oamaru				1985	Hot V	Vater								8	5 Coal		Tonnes	
Kest He		Q8601	Presbyterian Support Otago - Holmdene Rest Home and Hospital	Balclutha																		
Rest Ho	omes		Presbyterian Support Otago - Ross Home																			
Rest Ho		Q8601		Dunedin															wood chips			
Rest Ho			Presbyterian Support Otago - St Andrews Home and Hospital	Dunedin																		
Kest He		Q8601	Presbyterian Support Otago - Taieri Court Rest Home	Mosgiel					0.675										LFO			
Rest Ho	omes		Presbyterian Support Otago - Elmslie	-																		
Rest Ho		Q8601	House home and Hospital Presbyterian Support Otago - Ranui Home	Wanaka																		
Rest Ho		Q8601		Alexandra																	tonnes	
Rest Ho		Q8601	Presbyterian Support Croft Rest Home	Timaru				1980	Hot v	vater									LPG	50?	ionnes	
Rest Ho		Q8601	Presbyterian Support Croft Rest Home	Timaru				2005	Hot v	vater									LPG			
Rest Ho		Q8601	Presbyterian Support Margaret Wilson Rest	Timaru				1960	Hot v	vater									electric boile	er radiators		
Rest Ho		Q8601	Presbyterian Support Temuka Rest Home	Timaru					Hot v	vater									electric heat	ing		
		Q8601	Presbyterian Support - Dixon House	Greymouth																		
Rest Ho		Q8601	PSC - Woburn House	Lower Hutt																		
Rest Ho	omes																					
Rest Ho		Q8601	PSC - Longview Home	Tawa																		
Rest Ho		Q8601	PSC - Huntleigh Home	Wellington																		
		Q8601	PSC - Cashmere Home	Wellington																		
Rest Ho		08601	PSC - Kilmarnock Heights Home	Wallington																		
Rest Ho		Q8601	roc - Kuntarnock Heights Home	Wellington																		
Rest Ho		Q8601	PSC - Willard Home	Palmerston North																		
D		Q8601	PSC - Ngahuru Home	Hawera																		
Rest Ho		Q8601	PSC - Brighwater home and villas	Palmerston North																		
		Q8601	PSC - Abingdon Villas	Whanganui																		

Re	st Homes				
Re	st Homes	Q8601	PSC - Coombrae Home and Villas	Fielding	
Re	st Homes	Q8601	PSC - Reevedon Home	Levin	
Re	st Homes	Q8601	PSC - Kowhainui Home and Villas	Whanganui	
Re	st Homes	Q8601	PSC -Kandahar Home	Masterton	
Re	st Homes	Q8601	BUPA		
Re	st Homes	Q8601	Ashburn Hall Charitable Trust	496 Taieri Rd 2010 0.1	
Re	st Homes	Q8601	Ashburn Hall Charitable Trust	496 Taieri Rd ETA HACK 200 2011 0.2	
Re	st Homes	Q8601	Metlifecare The Poynton	Rendermax pool heater R30 0.085	
Re	st Homes	Q8601	Metlifecare Pinesong	NO BOILER	
Re	st Homes	Q8601	Metlifecare Crestwood Retirement Village	NO BOILER	
Re	st Homes	Q8601	Metlifecare Pakuranga	NO BOILER	
Re	st Homes	Q8601	Metlifecare Powley	NO BOILER	
Re	st Homes	Q8601	Metlifecare 7 Saint Vincent	NO BOILER	
Re	st Homes	Q8601	Metlifecare Highlands	NO BOILER	
Re	st Homes	Q8601	Metlifecare Somervale	NO BOILER	
Re	st Homes	Q8601	Metlifecare The Avenues	NO BOILER	
Re	st Homes	Q8601	Metlifecare Greenwood Park	NO BOILER	
Re	st Homes	Q8601	Metlifecare Bayswater Village	NO BOILER	
Re	st Homes	Q8601	Metlifecare Palmerston North	Cnr Grey&Carroll St : Aquaheat 1995 0.375 Hot Water 365 no gas 5000GJ	
Re	st Homes	Q8601	Metlifecare Wairarapa	NO BOILER	
Re	st Homes	Q8601	Metlifecare Coastal Villas	Spencer Russell Drive Teledyne Laars Series 2 1999 0.11 4 to 5 365 no gas 6500GJ	
Re	st Homes	Q8601	Metlifecare Kapiti	1 Henley Way, off Te Unical Alkon po 35SR 2010 0.05 365 gas	
Re	st Homes	Q8601	Metlifecare Kapiti	1 Henley Way, off Te Roto Drive 365 gas	
Re	st Homes	Q8601	Metlifecare Kapiti	1 Henley Way, off Te Roto Drive 365 gas	
Re	st Homes	Q8601	Metlifecare Oakwoods	NO BOILER	
Re	st Homes	Q8601	Masonic Court Wanganui	No Boiler	
Re	st Homes	Q8601	Masonic Court Rest Home		
		Q8601	Te Awahou Masonic Court	NO BOILER	

R	Rest Homes												
R	Rest Homes	Q8601	Horowhenua Masonic Village										
R	Rest Homes	Q8601	Wairarapa Masonic Village										
		Q8601	Woburn Masonic										
	Rest Homes	Q8601	Wellsford Village (Northland District Masonic Trust)	NO BOILER									
		Q8601	Kauri Court (Northland District Masonic Trust)	NO BOILER									
R	Rest Homes	Q8601	Hokianga Masonic Village	NO BOILER									
R	Rest Homes	Q8601	Scinde Masonic Flats	NO BOILER									
R	Rest Homes	Q8601	Waiohiki Masonic Flats Taradale Masonic (rest home/hospital not	NO BOILER									
D	Rest Homes	Q8601	flats)	15 Devonshire Place Raypack		1995	0.147 Hot Water	8 to 24	365	no	gas	15000GJ	
		Q8601	Taradale Masonic (rest home/hospital not flats)	15 Devonshire Place Raypack			0.07						
R	Rest Homes	Q8601	Kapiti Retirement Trust - Sevenoaks	Lodge Drive * Raypack			0.11						
R	Rest Homes	Q8601	Parkwood Lodge	99 Belvedere Avenue Aquaheat	Fire tube	2010	0.5 Hot water	12 to 24	250	yes			
R	Rest Homes	Q8601	Redwood Lifestyle Care & Village										
R	Rest Homes	Q8601		241 Bridge St Nelson							Diesel		tonnes
R	Rest Homes	Q8601	Green Gables				Hot water						
R	Rest Homes	Q8601 Q8601	Woodlands Whareama Rest Home	81 Neale Ave Nelson			Hot water			No	Diesel		tonnes
R	Rest Homes		Omaio Village Rest Home	188 Songer Street Nelson						No	Diesel		tonnes
		Q8601					Hot water						
R	Rest Homes	Q8601	Fulton Rest Home	Hillside Rd Dunedin			0.55				Coal	140?	tonnes

Sector	ANZSIC Code	CompanyName Education (tertiary)	Boiler Site	Boiler Make	Boiler Model No.		Year Installed	Size MW	Output Type	Maximum Output Amount t/h	Normal Operating Pressure bar	Output MW	Normal Hours Operated per Day	Normal Da Operated p r Year		al Heating Only?	Annual Cogen Elec.Output kWh	Normal Boiler Operating Temperature oC		Annual Fuel Use for Boiler Only	Fuel Unit	Fuel CV kJ per Fuel Unit	
Education		AORAKI POLYTECHNIC	C AORAKI	RADCO		coal	19	160 0.	8 Hot Water	r			1:	1 1:	30	2.688 yes		80	0 Coal	90	tonn	24.7 mj/kg	
	P810201		POLYTECHNIC - Timaru		HP3608																		
Education		AORAKI POLYTECHNIC	C Ashburton - no boile	r NO BOILER																			
Education	P810200	AORAKI POLYTECHNIC		NO BOILER																			
Education	P810200	AORAKI POLYTECHNIC	C Dunedin - no boiler	NO BOILER																			
Laucution	P810200	note and a observation of	C Dancair no conci	NO BOILLIN																			
Education		AORAKI POLYTECHNIC	C Oamaru - no boiler	NO BOILER																			
Education	P810200	AUCKLAND	AUCKLAND	YGNIS			20	04 0.	6										Gas				
Education	P810200	UNIVERSITY OF TECHNOLOGY AUCKLAND	UNIVERSITY OF TECHNOLOGY AUCKLAND	HOVAL			10	89 0.4	7										Gas				
Education	P810200	UNIVERSITY OF TECHNOLOGY	UNIVERSITY OF TECHNOLOGY	HOVAL			- 19	0.4	,										Gas				
Education		AUCKLAND UNIVERSITY OF	AUCKLAND UNIVERSITY OF	HOVAL			19	89 0.4	7										Gas				
Education	P810200	TECHNOLOGY AUCKLAND	TECHNOLOGY AUCKLAND	YGNIS			19	84 1.	9				13	2 2	50				Gas				
	P810200	UNIVERSITY OF TECHNOLOGY	UNIVERSITY OF TECHNOLOGY	Manna																			
Education	P810200	AUCKLAND UNIVERSITY OF TECHNOLOGY	AUCKLAND UNIVERSITY OF TECHNOLOGY	YGNIS			19	84 1.	9				13	2 2	50				Gas				
Education		AUCKLAND UNIVERSITY OF	AUCKLAND UNIVERSITY OF	YGNIS			19	97 0.7	5				13	2 2	50				Gas				
Education	P810200	TECHNOLOGY AUCKLAND	TECHNOLOGY AUCKLAND	YGNIS			19	98 0.	6				10	2 2	50				Gas				
	P810200	UNIVERSITY OF TECHNOLOGY	UNIVERSITY OF TECHNOLOGY																				
Education	P810200	AUT	AA block	Heatrite International	HOVAL AYT MK111	Forced draft	1984	0.47					Day time			Yes		75	Gas				
Education	P810200	AUT	AA block	Heatrite International	HOVAL AYT MK111	Forced draft	1984	0.47					Day time			Yes		75	Gas				
Education	P810200	AUT	AA block	Heatrite International	HOVAL AYT MK111	Atmosphe ric	1985	0.11					24 hours			Yes		75	Gas				
Education	P810200	AUT	AF block	Heatrite International	YGNIS EM 195		1989	0.11					Day time			Yes		75	Gas				
Education	P810200	AUT	AF block	Rendamax	R30	Condensin	2009	0.13					Day time			Yes		40	Gas				
Education	P810200	AUT	AG block	Keston	260	g Condensin	2001	0.074					Day time			Yes		40	Gas				
Education	P810200	AUT	AG block	Keston	260	g Condensin	2004	0.074					Day time			Yes		75	Gas				
Education	P810200	AUT	AH block	Raypak	868 CHL	g Atmosphe	200	0.193					Day time	365/2				75	Gas				
Education	P810200	AUT	AH block	Raypak	868 CHL	ric Atmosphe		0.193					Day time	365/2				75	Gas				
	P810200		AL block			ric		0.193						23312		Vac		75	Gas				
Education		AUT		Energy Products Ygnis	s 1600	draft	2005						Day time			Yes							
Education	P810200	AUT	AR	@50 kW	AURA 49E	Atmosphe ric	1997	0.1					Day time	365/2				75	Gas				
Education	P810200	AUT	AR	Pensotti x 2 @50 kW	AURA 49E	Atmosphe ric	1998	0.1					Day time	365/2				75	Gas				
Education	P810200	AUT	AR	Pensotti x 2 @50 kW	AURA 49E	Atmosphe ric	1999	0.1					Day time	365/2				75	Gas				
Education	P810200	AUT	WE	Rendamax	R3602SB	Condensin g	2011	0.8					Day time			Yes		80 - 45	Gas				
						0																	

Education	P810200	AUT	WE	Rendamax	R3602SB	Condensin 2011	0).8			Day time		Yes	80 - 4	5 Gas				
Education	P810200	AUT	WF	Ygnis	EMK755	Forced 2005	0	0.755			Day time		Yes	75	Gas				
Education	P810200	AUT	WH	Aquatherm Ygnis	EMK755	draft Forced 1996	0	0.75			Day time			75	Gas				
Education	P810200	AUT	WM	Aquatherm Ygnis	Cuenod	draft Forced 2004	0	0.6			Day time		Yes	75	Gas				
Education	P810200	AUT	WS	Aquatherm Ygnis	c756507/8 Elco Klockner	draft Forced 1997	0	0.6			Day time			75	Gas				
Education		Bay of Pleanty Polytechnic		Aquatherm		draft		0											
	P810200																		
Education		CHRISTCHURCH POLYTECHNIC	CHRISTCHURCH POLYTECHNIC	YGNIS			2000	0.75 Hot Water		2					80 LPG/Buta e	1			
Education	P810200	EASTERN INSTITUTE											yes		natural gas	*			
	P810100	OF TECHNOLOGY	501 Gloucester Street		AY500		2010	0.5 Hot Water	Low pressu	e	10	140			80	1	cWh		
Education		FOREST EDUCATION CENTRE	FOREST EDUCATION	EASTEEL				4 Steam							Gas				
Education		KELSTON DEAF EDUCATION CENTRE	CENTRE Kelston, Waitakere, AUCKLAND	ALLEN YGNIS		Firetube	1983	0.3 Hot Water	(.6			0.294		70 Gas				
Education		LINCOLN UNIVERSITY	LINCWORKS PROPERTY	VEKOS ANDERSON		Firetube 3 pass	1967	2.4 Saturated Steam	4 10.34	0.9	24	70	4.536 summer	n/a	180 Coal	187	tonne	24000 MJ/kg	
			SERVICES			,												0	
	P810200				275														
Education	1 810200	LINCOLN UNIVERSITY	LINCWORKS PROPERTY	VEKOS HURRELS	213	Firetube 3 pass	1974	4.8 Saturated Steam	8 10.34	4	24	210	0.8 yes	n/a	180 Coal	1702	tonne	24000 MJ/kg	
			SERVICES	HORALES		pass		Jean										MD/Kg	
	D010200				550														
Education	P810200	LINCOLN UNIVERSITY		KNAPP	550	element	2002	0.32 Steam	0.48 8.1	0.4	24	70	0.168 summer	n/a	170 Electricity	168415	kWhr	3.6 MJ/hr	
			DRODEDTY	LEWED															
			PROPERTY SERVICES	LEWER															
				LEWER															
Education	P810200	Manukau Institute of		LEWER	2451														
Education	P810200	Technology	SERVICES		2451														
Education Education	P810100		MASSEY UNIVERSITY	AQUATHER M	2451		1991	1.5		5					Gas				
		Technology MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY	AQUATHER M AQUATHER	2451		1991 1991	1.5		5					Gas Gas				
Education Education	P810100	Technology MASSEY UNIVERSITY MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON	AQUATHER M AQUATHER M	2451		1991	1.5		5					Gas				
Education	P810100 P810200	Technology MASSEY UNIVERSITY MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY	AQUATHER M AQUATHER M Energy Products	2451														
Education Education	P810100 P810200 P810200 P810200	Technology MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY WELLINGTON MASSEY WELLINGTON MASSEY	AQUATHER M AQUATHER M Energy Products International Energy	2451		1991	1.5		5					Gas				
Education Education Education	P810100 P810200 P810200	Technology MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON	AQUATHER M AQUATHER M Energy Products International Energy Products International			1991 2000 2000	1.5		5	Varies with				Gas Gas				
Education Education Education	P810100 P810200 P810200 P810200	Technology MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON WELLINGTON WELLINGTON BLOCK 7	AQUATHER M AQUATHER M Energy Products International Energy Products International AQUATHER M	YGNIS A590		1991 2000 2000	1.5 0.6 0.6		5 5 5	Varies with season Varies with				Gas Gas				
Education Education Education Education Education Education	P810100 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY WELLINGTON BLOCK 7 WELLINGTON BLOCK 7	AQUATHER M AQUATHER M Energy Products International Energy AQUATHER M AQUATHER M M	YGNIS A590 YGNIS A590		1991 2000 2000	1.5 0.6 0.6 0.59 Hot Water 0.59 Hot Water		5 5 5 5 3	season Varies with season				Gas Gas Gas 80 Gas				
Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON BLOCK 7 WELLINGTON BLOCK 7 WELLINGTON BLOCK 6	AQUATHER M AQUATHER M Energy Products International AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M	YGNIS A590 YGNIS A590 A1500		1991 2000 2000 1988 1988	1.5 0.6 0.6 0.59 Hot Water 0.59 Hot Water		5 5 5 3 3 2 2	season Varies with season Varies with season				Gas Gas Gas So Gas 80 Gas 80 Gas 82 Gas				
Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY WELLINGTON MASSEY WELLINGTON BLOCK 7 WELLINGTON BLOCK 5 WELLINGTON BLOCK 5	AQUATHER M AQUATHER M Energy Products International Energy AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M	YGNIS A590 YGNIS A590 A1500 A1501		1991 2000 2000 1988 1988 1988	1.5 0.6 0.6 0.59 Hot Water 0.59 Hot Water 1.5 Hot Water		5 5 5 3 3 2	season Varies with season Varies with season Varies with season				Gas Gas Gas 80 Gas 80 Gas 82 Gas 82 Gas				
Education Education Education Education Education Education Education Education Education	P810100 P810200 P810200 P810200 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY WELLINGTON BLOCK 7 WELLINGTON BLOCK 5 WELLINGTON BLOCK 5 WELLINGTON BLOCK 5	AQUATHER M AQUATHER M Products International Energy Products International AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M	YGNIS A590 YGNIS A590 A1500 A1501 YGNIS EM500		1991 2000 2000 1988 1988 1988 1988	1.5 0.6 0.6 0.59 Hot Water 0.59 Hot Water 1.5 Hot Water 1.5 Hot Water		5 5 5 3 3 2 2 2	season Varies with season Varies with season Varies with season Varies with season				Gas Gas Gas 80 Gas 80 Gas 82 Gas 82 Gas 82 Gas				
Education Education Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON WELLINGTON WELLINGTON WELLINGTON BLOCK 7 WELLINGTON BLOCK 5 WELLINGTON BLOCK 5 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4	AQUATHER M AQUATHER M Energy Products International AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M	YGNIS A590 YGNIS A590 A1500 A1501 YGNIS EM500 YGNIS EM500		1991 2000 2000 1988 1988 1988 1988 2010	1.5 0.6 0.6 0.59 Hot Water 0.59 Hot Water 1.5 Hot Water 1.5 Hot Water 0.5 Hot Water		5 5 5 3 3 2 2 2 5 5	season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with season				Gas Gas Gas 80 Gas 80 Gas 82 Gas 82 Gas 82 Gas 82 Gas				
Education Education Education Education Education Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON WELLINGTON BLOCK 7 WELLINGTON BLOCK 7 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 1	AQUATHER M AQUATHER M Energy Products International International AQUATHER M BAXI SLIM	YGNIS A590 YGNIS A590 A1500 A1501 YGNIS EM500 YGNIS EM500 1.626N		1991 2000 2000 1988 1988 1988 1988 2010 2010	1.5 0.6 0.6 0.59 Hot Water 0.59 Hot Water 1.5 Hot Water 1.5 Hot Water 0.5 Hot Water 0.5 Hot Water 0.002 Hot Water		5 5 5 3 3 2 2 2 5 5 5	season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with season				Gas Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas				
Education Education Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON BLOCK 7 WELLINGTON BLOCK 7 WELLINGTON BLOCK 5 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 5 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1	AQUATHER M AQUATHER M Energy Products International AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M	YGNIS A590 YGNIS A590 A1500 A1501 YGNIS EM500 YGNIS EM500 1.626N		1991 2000 2000 1988 1988 1988 2010 2010 2005	1.5 0.6 0.59 Hot Water 0.59 Hot Water 1.5 Hot Water 1.5 Hot Water 0.5 Hot Water 0.5 Hot Water 0.062 Hot Water		5 5 5 3 3 2 2 2 5 5	season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with				Gas Gas Gas 80 Gas 80 Gas 82 Gas 82 Gas 82 Gas 82 Gas					
Education Education Education Education Education Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY	MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON WELLINGTON BLOCK 7 WELLINGTON BLOCK 7 WELLINGTON BLOCK 5 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1	AQUATHER M AQUATHER M Energy Products International Energy M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M BAXI SLIM BAXI SLIM	YGNIS A590 YGNIS A590 A1500 A1501 YGNIS EM500 YGNIS EM500 1.620iN		1991 2000 2000 1988 1988 1988 2010 2010 2005	1.5 0.6 0.6 0.59 Hot Water 0.59 Hot Water 1.5 Hot Water 1.5 Hot Water 0.5 Hot Water 0.5 Hot Water 0.002 Hot Water		5 5 5 3 3 2 2 2 5 5 5	season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with veason Varies with Varies with Varies with Varies with				Gas Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas So Gas				
Education Education Education Education Education Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	Technology MASSEY UNIVERSITY MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON MASSEY UNIVERSITY WELLINGTON BLOCK 1 WELLINGTON BLOCK 5 WELLINGTON BLOCK 5 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 4 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1 WELLINGTON BLOCK 1	AQUATHER M AQUATHER M Energy Products International Energy AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M AQUATHER M BAXI SLIM BAXI SLIM BAXI SLIM	YGNIS A590 YGNIS A590 A1500 A1501 YGNIS EM500 1.620in 1.620in 1.620in		1991 2000 2000 1988 1988 1988 2010 2010 2005 2005	1.5 0.6 0.59 Hot Water 0.59 Hot Water 1.5 Hot Water 1.5 Hot Water 0.5 Hot Water 0.5 Hot Water 0.062 Hot Water		5 5 5 3 3 2 2 2 5 5 3 3 3	season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with season Varies with varies with varies with varies with varies with				Gas Gas Sas Sas Sas Sas Sas Sas Sas Sas Sas S					

Education	P810200	MASSEY UNIVERSITY	WELLINGTON BLOCK 10	AQUATHER M	YGNIS AY600		2000	0.6 Hot Water		2.5	Varies with season					82 Gas				
Education		MASSEY UNIVERSITY	WELLINGTON	AQUATHER	YGNIS AY600		2000	0.6 Hot Water		2.5	Varies with					82 Gas				
Education	P810200	MASSEY UNIVERSITY	WELLINGTON	AQUATHER	YGNIS AY300		1993	0.3 Hot Water		2.5	season					80 Gas				
	P810200		STUDENT TRUST																	
Education	D010200	MASSEY UNIVERSITY	AUCKLAND	YGNIS			2008	0.35												
Education	P810200	MASSEY UNIVERSITY	AUCKLAND	YGNIS			2008	0.35												
Education	P810200	MASSEY UNIVERSITY	ALICIVI AND	YGNIS			2008	0.25												
Education	P810200	MASSET UNIVERSITT	AUCKLAND	TGNIS			2008	0.55												
Education		MASSEY UNIVERSITY	AUCKLAND	AQUATHER M			2008	0.35												
Education	P810200	MASSEY UNIVERSITY	AUCKLAND	AQUATHER			2008	0.35												
	P810200			M																
Education		MASSEY UNIVERSITY	AUCKLAND	AQUATHER M			2008	0.35												
Education	P810200	MASSEY UNIVERSITY	AUCKLAND	AQUATHER			2008	0.35												
Education	P810200	MASSEY UNIVERSITY 2	DOILED HOUSE	M AQUATHER		Watertube	1995	1.5 Hot Water		3						85 Gas				
Education	P810200	MASSET UNIVERSITT 2	BOILER HOUSE	M YGNIS		watertube	1993	1.5 Hot water		3						oo Gas				
Education		MASSEY UNIVERSITY 2	BOILER HOUSE	AQUATHER M YGNIS		Waterwall	1995	1.5 Hot Water		3						85 Gas				
Education	P810200	MASSEY UNIVERSITY 2		AQUATHER		Watertube	1991	1.2 Hot Water		3						85 Gas				
	P810200		LECTURE THEATRE	M YGNIS																
Education	P810200	MASSEY UNIVERSITY 2	LECTURE	AQUATHER M YGNIS		Watertube	1991	1.2 Hot Water		3						85 Gas				
Education	P810200	MASSEY UNIVERSITY 2	THEATRE SCIENCE TOWER B	AQUATHER M YGNIS		Watertube	1995	1.5 Hot Water		3						85 Gas				
Education	P810200	MASSEY UNIVERSITY 2	-			Watertube	2004	1.5 Hot Water		3						85 Gas				
	P810200		В	M YGNIS																
Education		MASSEY UNIVERSITY 2	RIDET TOWER	AQUATHER M YGNIS		Firetube	1970	1.2 Saturated Steam		8						175 Gas				
Education	P810200	Nelson Malborough	Nelson Campus. 322	Aquatherm/ygr	1	Reverse														
F1	P810100	Institute of Technology	Hardy Street. Nelson. Main boiler	is	AY750	Combusti	2000	0.75			12	150		ü	70	Deisel	27750	Litre		
Education	P810100	Nelson Malborough Institute of Technology	Nelson Campus. 322 Hardy Street.	is Aquatherm/ygn	AY750		2000	0.75			12	150		ü	70	Deisel	27750	Litre		
Education	1010100	Nelson Malborough Institute of Technology	Nelson, Main boiler Nelson Campus. 322 Hardy Street. Nelson		AY250	Combusti Reverse Flame	2000	0.25			14	150		ū	70	Deisel	1350	Litre		
Education	P810100	Nelson Malborough	Library boiler No Boilers in	NO BOILER		Combusti								-	7.0	2222				
	P810100	Institute of Technology	Blenheim																	
Education	P810200	Northland Polytechnic	Raumangs Valley Rd Northtec Campus,	, Aquatherm	AY1500	GAS	1999	1500KW		0.5	0.1 8	120	,	Yes !	Nil 70C	Gas			40	
Education	F010200	Otago Polytechnic	Whangarei		A11300															
Education	P810200	Otago Polytechnic																		
	P810200																			
Education		Southland Institute of Technology	Christchurch - no boiler	NO BOILER																
Education	P810100	Southland Institute of	gore - NO BOILERS	NO BOILER																
Education	P810100	Technology	160 for the street								Mid Dag!									
Education	P810100	Southland Institute of Technology	160 forth street, Invercargill	Taymac Ltd	Heatpak 6010	under feed coal fire	2011	1.55 coal	0.376	2	Mid Dec -mid March shut down .mid	Monday - Friday		All year	80	coal	163.5	ton	11.75	
Education	. 010100	Southland Institute of Technology	160 forth street, Invercargill	Taymac Ltd	Heatpak 6010	under feed	2011	1.55 coal	0.376	2	down .mid	Monday -		All year	80	coal	163.5	ton	11.75	
	P810100	- cemiology	cicargii	z uj muc Zau	- curpus 0010	coal fire		com	5.570	-		Friday		,	- 00	Cour	100.0			

Education		Southland Institute of Technology	Queenstown - NO BOILERS	NO BOILER												
Education	P810100	Tai Poutini Polytechnic	auckland													
Education	P810200	Tai Poutini Polytechnic	christchurch													
Education	P810200	Tai Poutini Polytechnic	No Boiler	NO BOILER												
Education	P810200		Palmerston North													
Education	P810200	Tai Poutini Polytechnic	Paimerston North													
Education	P810200	Tai Poutini Polytechnic	Reefton													
Education		Tai Poutini Polytechnic	wanaka													
Education	P810200	Tai Poutini Polytechnic	westport													
Education	P810200	Tairawhiti Polytechnic	Palmerston Rd	Veko		WM-	1981 60JH	100-100	0 150KPA		7am-3pm	90-100	Yes	75C	** Gas	
	P810200		campus		4066	G10/3-A	W									
Education		THE UNIVERSITY OF WAIKATO	STUDENT UNION B01	HO VAL SR800	ELCO	Watertube	0.235 H	lot Water		5	12	160	0.376 YES		87 Gas	
	P810200				EG01A.50R					_			2.5000		02.5	
Education		THE UNIVERSITY OF WAIKATO	F 401	HOVAL		Watertube	0.937 F	lot Water		5	12	160	3.59808 YES		82 Gas	
Education	P810200	THE UNIVERSITY OF	F 401	HOVAL	ELCO UDG6R	Watertube	0.937 1	lot Water		5	12	160	3.14832 YES		82 Gas	
Education		WAIKATO	r 401	HOVAL	ELCO UDG6R	watertube	0.937 E	iot water		,	12	100	3.14632 TE3		oz Gas	
Education	P810200	THE UNIVERSITY OF WAIKATO	F 401	HOVAL	CUENOD C100 GX	Watertube	0.937 H	lot Water		5	12	160	3.14832 YES		82 Gas	
Education	P810200	THE UNIVERSITY OF	K 401	AQUATHER	507/8	Watertube	0.937 F	lot Water		5	12	160	2.09888 YES		71 Gas	
Laucuton	P810200	WAIKATO	101	M EMK350	CUENOD C43/GX507	Watertabe	0.557 1	iot maior		-		100	2.07000 12.0		71 Gas	
Education	P810200	THE UNIVERSITY OF WAIKATO	K 401	AQUATHER M EMK350	CUENOD C43/GX507	Watertube	0.937 H	lot Water		5	12	160	1.83652 YES		71 Gas	
Education		THE UNIVERSITY OF WAIKATO	K 401	AQUTHERM EMK350	CUENOD	Watertube	0.937 H	lot Water		5	12	160	1.83652 YES		71 Gas	
Education	P810200	THE UNIVERSITY OF WAIKATO	L BLOCK	AQUATHER M AY250	C43/GX07	Watertube	1997 0.25 H	lot Water		5	12	160	0.672 YES		80 Gas	
	P810200				EKG 2											
Education	P810200	THE UNIVERSITY OF WAIKATO	B BLOCK	HOVAL SR800	CUENOD C30GX207	Watertube	0.25 E	lot Water		4	12	160	0.4 YES		88 Gas	
Education	P810200	THE UNIVERSITY OF WAIKATO	M 501 LIBRARY	HOVAL	ELCO EG6	Watertube	0.938 E	leated Oil		5	12	160	2.10112 YES		75 Gas	
Education		THE UNIVERSITY OF WAIKATO	M 501 LIBRARY	HOVAL		Watertube	0.938 H	lot Water		5	12	160	2.10112 YES		75 Gas	
Education	P810200	THE UNIVERSITY OF	A BLOCK	AQUATHER	ELCO EG6	Watertube	0.25 1	lot Water		5	12	160	0.4 YES		80 Gas	
Laucanoli	D010200	WAIKATO	. DLOCK	M YGNIS	CUENOD C22	denuice	0.23 F	iot Hatel			- 12	100	0.4 11.3		Jo Gas	
Education	P810200	THE UNIVERSITY OF	(CHBH) COLLEGE		G207/7TI"FR"	Watertube	1991 1.1 F	lot Water		5	12	160	5.9136 YES		80 Gas	
	P810200	WAIKATO	HALLS BOILER HOUSE		ELCO EG 4A											
Education		THE UNIVERSITY OF WAIKATO	STUDENT VILLAGE DINING	HOVAL ST 1300		Watertube	0.381 H	lot Water		5	12	160	1.194816 YES		85 Gas	
Education	P810200	THE UNIVERSITY OF	ORANGA	HOVAL	REILLO 4/2	Watertube	0.147 H	lot Water		5		160	0.18816		70 Gas	
	P810200	WAIKATO														
Education	P810200	THE UNIVERSITY OF WAIKATO	STUDENT VILLAGE KNIGHTON RD	AQUATHER M AY350	CUENOD C43 GX 207/8	Watertube	1990 0.35 H	lot Water		5	12	160	1.8816 YES		70 Gas	
Education	P810200	THE UNIVERSITY OF WAIKATO	BRYANT HALL Z BLOCK	M YGNIS		Watertube	2000 0.3 H	lot Water		5	12	160	1.6128 YES		90 Gas	
Education	F 010200	UNIVERSITY OF	110 BOILER #3	AYC 300 ALLEN	51		0.746 H	lot Water							Gas	
Education	P810200	AUCKLAND UNIVERSITY OF	201E BOILER	YGNIS HOVAL				lot Water							Gas	
Education	P810200	AUCKLAND	201E BUILER	HUVAL			1.5 F	iot water							Gas	

Education		UNIVERSITY OF	201E BOILER	HOVAL				1.5 Hot Water					Gas			
	P810200	AUCKLAND														
Education	P810200	UNIVERSITY OF AUCKLAND	301 LPHW BOILER	R YGNIS				1.2 Hot Water					Gas			
Education		UNIVERSITY OF AUCKLAND	301 LPHW BOILER	R YGNIS				1.2 Hot Water					Gas			
Education	P810200	UNIVERSITY OF AUCKLAND	301 LPHW BOILER	R YGNIS				0.7 Hot Water					Gas			
Education	P810200	UNIVERSITY OF AUCKLAND	311 HW BOILER	YGNIS				1.5 Hot Water					Gas			
Education	P810200	UNIVERSITY OF AUCKLAND	401 BOILER	YGNIS				0.75 Hot Water					Gas			
Education	P810200	UNIVERSITY OF AUCKLAND	421 BOILER	AQUATHER M YGNIS				1.2 Hot Water					Gas			
Education	P810200	UNIVERSITY OF CANTERBURY	CHRISTCHURCH		1	Watertube	2000	12 Hot Water			36.288		115 Coal			
Education	P810200	UNIVERSITY OF CANTERBURY	CHRISTCHURCH	ANDERSON		Firetube 3	1962	5.7 Saturated Steam	7		19.152		Coal			
Education	P810200	UNIVERSITY OF CANTERBURY	CHRISTCHURCH	ANDERSON		pass		5.7					Coal			
n	P810200		CHEN WOMEN				2004	227.77	22115. 22				445 5 1 2 5 1 2	20000 11	44.50	NO.
Education	P810200	UNIVERSITY OF OTAGO	CHEMISTRY DEPT	Aquatherm	EM2300	Firetube	2001	2.3 Hot Water NA	3.3 1.15 to 2.3	24 20	1.1 No	NA	115 light fuel oil	20000 litre	41,50	08
Education	P810200	UNIVERSITY OF OTAGO	CHEMISTRY DEPT	Aquatherm	EM2300	Firetube	2001	2.3 Hot Water NA	3.3 1.15 to 2.3	24 20	0.7 No	NA	115 Light fuel oil	20000 litre	41,50	08
Education		University of Otago Anima	al Mosgiel Dunedin		EM2300			0.55 HW								
Education	P810200	Breeding University of Otago Arana						1 Steam					Coal	500? toni		
Education	P810200	Hall	Clyde Street Dunedin				2005						Coal	480?	ies	
Education		University of Otago -	Heriot Row Dunedin	ı				0.3 HW						toni	ies	
	P810200	Carrington Hall											Coal	100?		
Education		Carrington Hall University of Otago	Heriot Row Dunedin	ı				0.3 HW						100?		
Education	P810200 P810200 P810200		Heriot Row Dunedin					0.3 HW					Coal	100?		
	P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of	111 Albany Street							365	No	0	Diesel	100?		
Education Education	P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of	111 Albany Street Laby	Ygnis				0.95		365		0	Diesel Gas	100?		
Education Education Education	P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of	111 Albany Street Laby Laby	Ygnis Cuddon				0.95		365	No	0	Diesel Gas Gas	100?		
Education Education	P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington	111 Albany Street Laby	Ygnis	n EM 585			0.95			No		Diesel Gas	100?		
Education Education Education	P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington	111 Albany Street Laby Laby	Ygnis Cuddon	n EM 585 EM1165		(0.95		365	No Yes	0	Diesel Gas Gas	100?		
Education Education Education	P810200 P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington	111 Albany Street Laby Laby Rankine Brown	Ygnis Cuddon Ygnis Aquather Ygnis			:	0.95 0.95 0.585		365 365	No Yes Yes	0	Diesel Gas Gas Gas	100?		
Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of	111 Albany Street Laby Laby Rankine Brown Rankine Brown	Ygnis Cuddon Ygnis Aquather Ygnis	EM1165		:	0.95 0.95 0.585		365 365 365	No Yes Yes Yes	0 0	Diesel Gas Gas Gas Gas	100?		
Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of	111 Albany Street Laby Laby Rankine Brown Rankine Brown Kirk	Ygnis Cuddon Ygnis Aquather Ygnis Carbo Fuel	EM1165 PTL 660 24J		:	0.95 0.95 0.585		365 363 365 200	No Yes Yes Yes Yes	0 0 0	Gas Gas Gas Gas Gas	100?		
Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of	111 Albany Street Laby Laby Rankine Brown Rankine Brown Kirk Kirk	Ygnis Cuddon Ygnis Aquather Ygnis Carbo Fuel Woods	EM1165 PTL 660 24J		:	0.95 0.95 0.585 1.165 0.763		365 365 365 200 200	No Yes Yes Yes Yes Yes	0 0 0 0	Gas Gas Gas Gas Gas Gas	100?		
Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of	111 Albany Street Laby Laby Rankine Brown Rankine Brown Kirk Kirk	Ygnis Cuddon Ygnis Aquather Ygnis Carbo Fuel Woods Aquatherm Ygn	EM1165 PTL 660 24J n AY750			0.95 0.95 0.585 1.165 0.763		365 365 365 200 200	No Yes Yes Yes Yes Yes Yes	0 0 0 0	Gas Gas Gas Gas Gas Gas Gas	100?		
Education Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of	Laby Laby Rankine Brown Rankine Brown Kirk Kirk Kirk	Ygnis Cuddon Ygnis Aquather Ygnis Carbo Fuel Woods Aquathern Ygn Rexel Allen Ygnis	EM1165 PTL 660 24J n AY750 121			0.95 0.95 0.585 1.165 0.763		365 365 365 200 200 200 200	No Yes Yes Yes Yes Yes Yes Yes Yes	0 0 0 0 0	Gas Gas Gas Gas Gas Gas Gas Gas Gas	100?		
Education Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of	111 Albany Street Laby Laby Rankine Brown Rankine Brown Kirk Kirk Kirk Von Zedlitz	Ygnis Cuddon Ygnis Aquather Ygnis Carbo Fuel Woods Aquatherm Ygnis Rexel Allen Ygnis Allen Ygnis	EM1165 PTL 660 24J n AY750 121 AY3-16			0.95 0.95 0.585 1.165 0.763		365 365 200 200 200 200 363	Yes Yes Yes Yes Yes Yes Yes Yes Yes	0 0 0 0 0	Gas Gas Gas Gas Gas Gas Gas Gas Gas Gas	100?		
Education Education Education Education Education Education Education Education Education Education Education	P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200 P810200	University of Otago University of Otago - Carrington Hall Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of wellington Victoria University of	Laby Laby Rankine Brown Rankine Brown Kirk Kirk Kirk Von Zedlitz Von Zedlitz	Ygnis Cuddon Ygnis Aquather Ygnis Carbo Fuel Woods Aquatherm Ygn Rexel Allen Ygnis Allen Ygnis Allen Ygnis	EM1165 PTL 660 24J a AY750 121 AY3-16 AY3-16			0.95 0.95 0.585 1.165 0.763 1.5		365 365 200 200 200 200 365 363	No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes		Gas Gas Gas Gas Gas Gas Gas Gas Gas Gas	100?		

Education	P810200	Victoria University of wellington	Rutherford House	Cuddon	36	0.72	365	Yes	0	Gas	
Education	P810200	Victoria University of wellington	Rutherford House	Cuddon	36	0.72	365	Yes	0	Gas	
Education	P810200	Victoria University of wellington	Government Buildin	gs Hoval	Hotline 250	0.59	365	Yes	0	Gas	
Education	P810200	Victoria University of wellington	Government Buildin	gs Hoval	ST 2000	0.073	365	Yes	0	Gas	
Education	P810200	Victoria University of wellington	Vivian St	Carbofuel	PTL 880	1.027	365	Yes	0	Gas	
Education	P810200	Victoria University of wellington	Mackie Gym	Gas Chief	GC210		365	Yes	0	Gas	
Education	P810200	Victoria University of wellington	Oldershaw	Gas Chief			365	Yes	0	Gas	
Education	P810200	Victoria University of wellington	Grey	Aquatherm			365	Yes	0	Gas	
Education	P810200	Victoria University of wellington	Grey	Aquatherm			365	Yes	0	Gas	
Education	P810200	Waiariki Institute of Technology									
Education	P810200	Waikato Institute of technology									
Education	P810100	Wellington Institute of Technology	Auckland								
Education	P810100	Wellington Institute of Technology	Christchurch								
Education	P810100	Wellington Institute of Technology	Petone								
Education	P810100	Wellington Institute of Technology	Wellington								
Education	P810200	Whitireia Community Polytechnic									

Sector	ANZSIC Code	C Company me	Na Boiler Site	Boiler Make	Boiler Model No.	Boiler Type	Year Installed	Size MW	Output Type	Output	Operating Output MW	Hours	Normal Days Operated per Year	Boiler Annual Heat Output GWh	Heating Only?	Cogen Elec.Output kWh	Boiler Operating Temperature		Annual Fuel Use Fuel Unit for Boiler Only	Fuel CV kJ per Fuel Unit
		Venues															oC			
Venues	R911300	CBS																		
		Canterbur Arena	′																	
Venues	R911300	Christchu Conventio Centre	ch n																	
Venues	R900300	Christchu Town Hal																		
Venues	R900300		s																	
Venues	R911300	Eden park ASB Ban Stand																		
Venues	R911300	Ellerslie E Centre	vent																	
Venues	R911300		ents																	
Venues		Harbour Function Centre																		
Venues Venues	R911300	Manfield Stadium		NO BOILER																
Venues	R900300	Michael Fowler Ce	ground floo ntre boiler roor access from	n		hot water	1982*	0.469	9			On demand	Enabled all year		All year - called on by OA temp		80	Natural gas	750,000 kWh	
Venues	R900300	Michael Fowler Ce	outside	Hoval		Natural gas hot water	1982*	0.469	9			On demand	Enabled all year		All year - called on by OA temp		80	Natural gas	750,000 kWh	
Venues	R911300	Mt Smart Stadium													•					
		Mystery C Events Ce	reek NO BOILE	R																
Venues	R911300		re North shore	Herlican			2005	0.109	9 Hot Air				Enabled all year		no			Natural gas		
Venues	R911300	Pullman Auckland Hotel																		
Venues		Queensto Events Ce	/n ntre																	
Venues	R911300	Rotorua																		
Venues	R900300	Convention Centre Rotorua	n																	
Venues	R911300		al s NO BOILE	R																
Venues	R911300	0																		

			Sky City												
v	enues	R921000													
V	enues	K921000	Showerounds	NO BOILER											
			Park & Event												
		R911300	Centre												
V	enues	K911300	Stadium	Invercargill											
v	enues	R911300	Southland												
			TE PAPA	CABLE	AQUATHER				1998	1.5 Hot Water				Gas	
ν	enues	R891000		STREET	M										
			TE PAPA	CABLE	AQUATHER				1998	1.5 Hot Water				Gas	
v	enues	R891000		STREET	M										
			TE PAPA	CABLE	EASTEEL				1998	0.6 Saturated				Gas	
v	enues	R891000		STREET						Steam					
			TE PAPA	TORY	AQUATHER				2000	0.39 Hot Water				Gas	
V	enues	R891000		STREET	M										
			TE PAPA	TORY STREET	AQUATHER M				2000	0.39 Hot Water				Gas	
V	enues	R891000													
			TE PAPA	TORY STREET	AQUATHER M				2000	0.125 Hot Water				Gas	
V	enues	R891000												_	
			TE PAPA	TORY STREET	AQUAHEAT				2000	0.125 Hot Water				Gas	
V	enues	R891000												_	
			TE PAPA	TORY STREET	AQUAHEAT				2000	0.6 Hot Water				Gas	
V	enues	R891000	Wellington	Level 2 north	Aquahaat		Natural gas	10012		0.58	On demand	Enobled all	All year -	70 Natural gas	700,000 kWh
			Town Hall	plant room			hot water	1991:		0.58	On demand	year	called on by	70 Ivaturai gas	700,000 KWII
							boiler						OA temp		
						PTL AR 500 S# 500-154-									
v	enues	R900300				91									
			Westpac												
v	enues	R911300	Stadium												

Sector	ANZSIC Code	CompanyName	Boiler Site	Boiler Make	Boiler Model No.	Boiler Type	Year Installed	Size MW	Output Type		Normal Operating Pressure bar	Normal Operating Output MW	Normal Hours Operated pe Day	Normal Day Operated pe r Year		Winter Heating Only?	Annual Nor Cogen Boil Elec.Output Ope kWh Ten oC	er		Annual Fuel Use for Boiler Only	Fuel Unit	t Fuel CV kJ per Fuel Unit
		Wood Processing																				
Wood Processing		AHEAD LUMBER	POKENO	SCOTT		Watertube	•	3.	.5						29.4				te, dry			
Wood		AHEAD LUMBER	POKENO										2	4 35)	no		saw	dust,			
Processing				Anderson- Vek	121833	Firetube	1998	8 3.	.5 Steam									Saw	/dust/Sh	avings		
Wood Processing	C141100	ALAN JOHNSTON SAWMILLING	TUATAPERE			Heating plant less																
Wood Processing	C111100	ARBOR REMANUFACTURING	MOUNT MAUNGANUI	SCOTT		than 1	200	0 5.	.5 Hot Water						46.2			160 Gas				
Vood rocessing		ASHBURTON TIMBER	ASHBURTON	MORROW ENGINEERIN			200	0	3 Steam						24.192			wet				
Vood Processing		ATS TIMBER WHOLESALERS	LEVIN	G, CHCH		Heating plant less												saw	dust			
Vood Processing		BELFAST TIMBER KILNS LTD	BELFAST	ANDERSON		than 1	196-	4 3.	.5 High Pressure						26.46	5		167 Coa was	te			
Vood		BRIGHTWOOD	OTAUTAU	EASTEEL		Watertube	200	3	Hot Water 7 Hot Water						40.32	!			vings &			
Processing																		saw	dust			
Vood Processing		CAINS TIMBER	KAMO			Heating plant less than 1																
ood rocessing		CARTER HOLT HARVEY	TAUPO	EASTEEL		Firetube	198	8 3.	.4 Hot Water									180 Gas				
ood rocessing		CARTER HOLT HARVEY	MARSDEN POINT LVL	WILCOX		Watertube	200	2 1	18 Steam	32	26				154.224			228 Rejo	od,			
ood rocessing		CARTER HOLT HARVEY	ASHLEY	(EASTEEL) JOHN THOMPSON		Heated oi	1 199-	4 1	18 Heated Oil						151.2			Woo was	od			
ood rocessing		CARTER HOLT HARVEY	WHAKATANE	JOHN THOMPSON		Watertube	195	3 1	16 Superheate d Steam	20.5	31				134.4			370 Coa hog				
ood rocessing		CARTER HOLT HARVEY	WHAKATANE	JOHN THOMPSON		Watertube	193	7 1	14 Superheate d Steam	18	31				117.6	5		370 Coa	ıl			
vood rocessing		CARTER HOLT HARVEY	WHAKATANE	JOHN THOMPSON		Watertube	193	7 1	14 Superheate d Steam	18	31				117.6	i		350 Coa	ıl			
Vood rocessing		CARTER HOLT HARVEY	WHAKATANE	FOSTER WHEELER (MCKENZIE		Watertube	197	3 3	34 Superheate d Steam	38.6	31							370 Gas				
ood rocessing		CARTER HOLT HARVEY	KOPU	EASTEEL		Firetube	1989	9 3.	.6 Hot Water		1.4				29.6352			180 Gas				
ood rocessing		CARTER HOLT HARVEY	TOKOROA	SCOTT		Horizonta 2 pass dryback	1 199-	4 2.	.8 Steam	3.63	10.34				17.472			140 Gas				
Vood rocessing		CARTER HOLT HARVEY	CHH ECOPINE NELSON	VULCANO		Heated oi heat exchanger	1 198	6 1	15 Heated Oil									275 Saw dry	dust & shaving			
Vood Processing		CARTER HOLT HARVEY	PUTARURU	MAXITHERM		Firetube	198	8	6 Saturated Steam		11				48.384				dust & shaving			
vood rocessing		CARTER HOLT HARVEY	PUTARURU	MAXITHERM		Firetube	198	8	6 Saturated Steam		11				48.384				wood			
Vood Processing		CARTER HOLT HARVEY	PENROSE			No heating plant																
Vood rocessing		CARTER HOLT HARVEY	TAUPO			Geotherm al steam		1	10									Gas				
Wood Processing		CARTER HOLT HARVEY	KAWERAU PROCESSING YARD			Geotherm al steam																
Vood Processing		CARTER HOLT HARVEY	ROTORUA BOILER	SCOTT		Firetube	198	3	1 Saturated Steam		9							180 Gas				

March Marc	Wood Processing		CARTER HOLT HARVEY	ROTORUA BOILER	EASTEEL		Firetube	1998	3 Saturated Steam		10					184 Gas	
Marker M					EASTEEL		Firetube	1998			10					184 Gas	
March Marc					SCOTT		Firetube	1983			9					180 Gas	
Part									10								
March Marc		C140200			ANDERSON		Watertube	1983	1.2 Steam	1.8	9			7.2		180 Gas	
March Marc	Processing				ANDERSON		Watertube	1983	1.2 Steam	1.8	9			7.2		180 Gas	
Monthal Mont	Wood				SCOTT		Watertube	2002	1.2 Steam	1.8	9			7.2		180 Gas	
Proceeding Process	Processing			Mt Maunganui Plywood	SCOTT		Watertube	1990	1.2 Steam	1.8	9					180 Gas	
Marchine Carlon	Wood Processing							1978	3 Steam	4.54				17.28			
Mode	Wood Processing				•				20					171.36			
Processing Pro	Wood			TAUPO					10							Gas	
No. CATER HOLT HAVEY SAWIL S	Processing	C149300	CARTER HOLT HARVEY		KONUS				0.7 Heated Oil					5.9976		Oil/Diesel	
Processing Pro	Wood							2008									
Processing Pro				Roundwood Tokoro	a MAXITHERM				3 Steam					25.2		Gas	
Martin M				Roundwood Tokoro	oa EASTEEL				3 Steam					25.2		Gas	
Processing HARVEY & NORSKE WHEELER WHE				KOPU	EASTEEL		Firetube	2004	6 Hot Water		10					140 Gas	
Vac of Carter Roll			HARVEY & NORSKE	ENERGYCO	WHEELER		Watertube	1956		68	44.8			504			
CARTER HOLT CHIKINLETITH JOHN Eckrohick 198 180 Superhease 180 45 134 28000 400 Woodwast 190			CARTER HOLT HARVEY & NORSKE	ENERGYCO	COMBUSTIO N		Watertube	1956		68	44.8			504			
CARTER HOLT RECOVERY ROUBLEST RECOVERY RECOVE					JOHN		ssel,	1998		180	45			1344	280000		
CARTER HOLT KINLEITH COMBUSTIO Waterwall 160 188 45 1344 400 Black 160 188 45 1344 1344 1346 134			CARTER HOLT HARVEY KINLEITH	RECOVERY	N				180 Steam	140	45			1512			
Processing HARVEY KINLEITH NO 1 N N NO 1 N NO 1 N N NO 1 N N NO 1 N N N N				KINLEITH RECOVERY	COMBUSTIO N		Waterwall		160	188	45			1344			
Wood CARTER HOLT BOLLER KONUS Heated oil 1984 O Heated Oil 2			HARVEY KINLEITH	NO 1	N ENGINEERIN					110				747.6			
Processing					KONUS		heat	1984	6 Heated Oil		2					230 Gas	
Wood Processing CARTER HOLT HAVEY KINLEITH KINLEITH No heading plant Second plant 4 Hot Water Second plant 33.264 no Kai Point Carry Foresting MILTON Wood MILTON 45 AS Firetube 2005 7 3 MW 24 330 700 3100 tonnes Tonnes Wood Processing CLAYMARK KATIKATI EASTEEL 2003 7 High Processure Hot Water 56.448 Wood Waste	Processing		HARVEY KINLEITH				fired heater	1987	10							Gas	
Wood CITY FORESTS VEKOS 4 Hot Water 33,264 no Kai Point Foresteen For Shavings Processing MILTON 425 AS Firetube 2005 7 3 MW 24 300 700 3100 tonnes Tonnes Wood CLAYMARK KATIKATI EASTEEL 2003 7 High 56.448 Wood waste Processing Pressure Hot Water 56.448 Waste	Processing		HARVEY KINLEITH				No heating										
Wood CLAYMARK KATIKATI EASTEEL 2003 7 High 56.448 Wood Processing Pressure Hot Water					VEKOS	425 AS		2005	4 Hot Water		7	3 MW	24 33			or Shavings	3100 tonnes Tonnes
Word COASTPINE COASTPINE IOHN 2000 6 Hot Water 10 51408 150 Shavings 6			CLAYMARK	KATIKATI	EASTEEL	. 2.7 7 13	. netabe		Pressure		,		2, 33			Wood	Oliko i Oliko
Processing THOMPSON Sawdust	Wood Processing		COASTPINE	COASTPINE	JOHN THOMPSON			2000	Hot Water 6 Hot Water		10			51.408		150 Shavings & sawdust	

Wood Processing	C141100	COLVILLE SAWMILLING	COLVILLE SAWMILLING		Direct fired heater	2008						Wood waste	
Wood Processing		CRAIGPINE TIMBER	WINTON	VULCANO	Watertube	2001	7 High Pressure			57.624		170 Wood waste, dry	
Wood		CRAIGPINE TIMBER	WINTON	VULCANO	Watertube	2001	Hot Water 7 High					sawdust, 170 Wood waste, dry	
Processing Wood Processing		CRAIGPINE TIMBER	WINTON	Anderson	Watertube	2002	Pressure Hot Water 7 Hot Water		8.5	57.624	*	sawdust, wood	
Wood Processing		CRAIGPINE TIMBER	WINTON	Scott	Watertube	2002	7 Hot Water		8.5	57.624	*	wood	
Wood Processing		DASHWOOD TIMBER	RENWICK										
Wood Processing		DAVIS SAWMILLING	Davis Sawmilling			1978	1 Hot Water			6.72		145 Wood waste	
Wood	C141100	DONELLEY	REPOROA	WATERWIDE	Watertube	2003	1.76 High			14.19264		120 Shavings &	
Processing	C141100	SAWMILLERS		HEAT EXCHANGER			Pressure Hot Water					sawdust	
Wood Processing		DONGWHA PATINNA NZ LTD	MATAURA	EASTEEL		1997	34 Saturated Steam		13	285.6		180 Waste bark, reject MDF,	
Wood Processing		E H FAZACKERLEY	STRATFORD		No heating							MDF,	
Wood Processing		EARNSLAW ONE	BLUE MOUNTAIN LUMBER	EASTEEL	plant Waterwall	2000	10 Superheate d Steam	12	28.5	80.64	4840000	400 Wood waste	
Wood Processing		EAST COAST LUMBER	TAPANUI WAIROA		Heating plant less								
Wood Processing		EASTOWN TIMBER	EASTOWN TIMBER	ANDERSON	than 1	1978	1.1 Saturated Steam	1.81	10			Gas	
Wood Processing		ECOWOOD	ECOWOOD	MORROW ENGINEERIN		1982	1.2 Hot Water			7.056		60 Dry wood shavings	
Wood Processing		EUROCELL SAWMILLING	UPPER HUTT	G, CHCH ANDERSON		1993	3.8 Hot Water			31.92		160 Gas	
Wood Processing	C141100	EUROCELL SAWMILLING	MASTERTON			2002	1.5					Oil/Diesel	
Wood	C141100	FINDLATER	WINTON	JOHN	Triple	1968	6 Hot Water		10.5			170 Wood	
Processing	C141100	SAWMILLING		THOMPSON	pass economic							waste	
Wood Processing	C141100	FINDLATER SAWMILLING	WINTON	BABCOCK & WILCOX	Triple pass	1986	4 Steam		10.5			170 Wood waste	
Wood Processing	C141100	FINDLATER SAWMILLING	WINTON	BABCOCK & WILCOX	economic	2003	4 steam		10	1 MW	375kw @ 0.8PF *	180 wood and coal	8 - 10 m3 daily
Wood Processing		FLIGHT TIMBERS	BLENHEIM	VEKOS	Firetube	1982	6 Hot Water		10.4	47.376		170 Wood waste	
Wood Processing		FOGARTY INDUSTRIES	INVERCARGILL	FOGARTY	Coiled pipe	2002	1 Hot Water		7			120 Lignite	
Wood Processing		FOREST LUMBER		ANDERSON		1978	1.2 Hot Water			0.48		100 Coal	
Wood Processing	C141100	FOXTON SAWMILLING	FOXTON		Heating plant less							Coal	
Wood Processing	C141100	GLOBAL FOREST PARTNERS	KAITUNA MILL	SCOTT	than 1 Firetube	1981	4.2 Saturated Steam		9.5	35.9856		Wood waste	
Wood Processing		GLOBAL FOREST PARTNERS	KAITUNA MILL	SCOTT	Firetube	1967	2.5 Saturated Steam		9.5	21.42		Wood waste	
Wood Processing		GREAT SOUTHERN	INVERCARGILL	SCOTT	Firetube	1988	1.2 Hot Water		10.4	2.88		186 Oil/Diesel	
Wood Processing		GREAT SOUTHERN	OAMARU		Heating plant less	1985	0.2 Hot Water			1.6128		Lignite	
Wood Processing		GUYCO	GUYCO		than 1	2008	Hot Water					Wood waste	

Wood Processing	C141100	HERBERT SAWMILLING	WAIAIAKARUA		No heating plant										
Wood Processing		HERMAN TIMBER	HIKURANGI		Heating plant less					8 2	20				
Wood		HEWVAN TIMBER	HEWVAN TIMBER	R VEKOS	than 1	1968	1 Hot Water		8		3.86	4		Natural gas, w 148 Coal or	ood waste tonnes
Processing														waste wood	
Wood Processing		HOLLOWS TIMBER	HOLLOWS TIMBER			2008								wood	
Wood Processing		HUNTER HILLS LUMBER	WAIMATE	SCOTT	Watertube	2003	5 Steam				40.3	2		150 Sawdust & dry shaving	
Wood Processing		HUNTERS (1998) LTD	HUNTERS (1998) LTD	ANDERSON VEKOS		1984	0.9 Steam	1.36	10.34		1.72	8		186 Dry wood shavings	
Wood Processing	C141100	INANGAHUA SAWMILLING	INANGAHUA SAWMILLING				1								
Wood Processing	A030200	J F TOWNSEND LOGGING	MANGAWEKA		No heating										
Wood Processing	A030200	JENKIN TIMBER	HENDERSON		plant No heating										
Wood Processing		JUKEN NISSHO	MASTERTON LVL	JOHN THOMPSON	plant	1992	29 Steam	40	26		243.	6		228 Reject wood,	
Wood Processing		JUKEN NISSHO	GISBORNE LVL	JOHN THOMPSON	Watertube	1994	32 Saturated Steam	40	24		258.04	8		veneer Reject wood,	
Wood Processing		JUKEN NISSHO	KAITAIA LVL	BABCOCK & WILCOX	Watertube	2001	18 Steam	32	26		136.0	8		veneer 228 Reject wood,	
Wood Processing		JUKEN NISSHO	NORTHLAND MILL KAITAIA LVL	(EASTEEL) EASTEEL - STEAMPAC	Watertube	2001	18 Saturated Steam		27		136.0	8		veneer 230 Woodwast e and coal	
Wood Processing		JUKEN NISSHO	GISBORNE LVL	EASTEEL		1997	5 Steam							Gas	
Wood Processing	C141100	KAIHU VALLEY SAWMILL	KAIHU VALLEY		No heating										
Wood Processing	C141100	KAIMATA	KAIMATA		plant	1996	0.2				1.6	8		Coal	
Wood Processing		KEIGHLEYS TIMBER	KAIAPOI		Heating plant less than 1										
Wood Processing	C141100	KERIKERI STEAM SAWMILL	KERIKERI STEAM SAWMILL	BABCOCK & WILCOX	Firetube	1965	0.84 Steam	3.86	10		1.875	3	150000	Wood waste	
Wood Processing	C141100	KIWI LUMBER	DANNEVIRKE	SCOTT	Triple pass	2006	4.8 High Pressure		15		40.3	2		160 Shavings & sawdust	
Wood Processing		KIWI LUMBER	DOMAIN RD PUTARURU	BABCOCK	watertube Watertube	1985	Hot Water 4.2 Hot Water		18					Gas	
Wood Processing		KIWI LUMBER	MASTERTON	EASTEEL	Watertube	2000	5 Hot Water				41.1	6		Wet sawdust, dry	
Wood		KIWI LUMBER				2008				24	58.	8 no		165	
Processing Wood Processing		KIWI LUMBER	Domain Rd, Putarur	u Scotts	Firetube		7 High pressure ho	t water		24	35	no		Sawdust/Shavi	ngs Tonnes
Wood Processing		KIWI LUMBER	Dannevirke	Scotts	Firetube Watertube		High pressure ho	t water		24	35	no		Sawdust/Shavi	ngs Tonnes
		VI C	POTORIJA	VEKOS		2001	High pressure ho	t water		2	35	4		Sawdust/Shavi	ngs Tonnes
Wood Processing		KLC	ROTORUA	VERUS		2001	6 Hot Water				38.01	U		165 Wood waste	
Wood Processing		KLC	ROTORUA	VEKOS		1998	4 Hot Water				25.34	4		165 Wood waste	
Wood		KOWHAI TIMBER	KOWHAI TIMBER		No										
Processing Wood Processing		LES O'LEARY	TOKOROA		heating plant Heating plant less than 1										

Processing		LINDSAY & DIXON	TUATAPERE	VEKOS			1963	1.2 Steam		10				10.08		160 Wood waste	
Wood		LUMBERCORP NZ	TE KAUWHATA			Heating										waste	
Processing Wood		LUMBERCORP NZ	OHINEWAI			plant less than 1 Watertube	2006	4 Steam		10				33.6		Coal	
Processing																	
Wood Processing		LUMBERCORP NZ	OHINEWAI				1998	2 Steam		10				16.8		Coal	
Wood Processing	41100	MAMAKU SAWMILLING	MAMAKU SAWMILLING	VEKOS		Watertube	1998	2.75 Hot Water		10.34				22.638		188 Dry wood shavings	
Wood Processing	41100	MAMAKU SAWMILLING	NGONGOTAHA	VEKOS			1980	1.25 Hot Water		10.34						188 Dry wood shavings	
Wood Processing		MAX BIRT SAWMILL	MAX BIRT SAWMILL	MORROW ENGINEERIN				2.2 Hot Water						16.632		160 Wood waste	
Wood Processing	41100	MCALPINES	RANGIORA	G, CHCH VEKOS		Watertube	1976	2.75 Hot Water	4.32	9				23.1		170 Coal	
Wood Processing		MCALPINES	RANGIORA	VEKOS		Firetube	1985	0.9 Hot Water	1.59	10.3				7.56		127 Coal	
Wood Processing		MCALPINES	RANGIORA	VEKOS		Watertube	1982	2 Hot Water	3.45	9				16.8		170 Wood waste	
Wood Processing		MCALPINES	ROTORUA	COMBUSTIO N			1978	2 Hot Water						16.128		160 Green sawdust	
Wood Processing		MCALPINES	ROTORUA	ENGINEERIN VEKOS		Watertube	1978	2 Hot Water						16.128		160 Coal	
Wood Processing		MIKE LAMBERT LTD	MT MAUNGANUI STH			Heating plant less than 1											
Wood Processing	41100	MITCHELL BROS SAWMILLERS	DARFIELD	VEKOS		uian i	1960	1.2 Hot Water		9				10.08		160 Coal	
Wood Processing	41100	MITCHELL BROS SAWMILLERS	DARFIELD	FOGARTY			2008	3								Wood waste	
Wood Processing		MITCHPINE PRODUCTS	MITCHPINE PRODUCTS	VEKOS			1988	4 Saturated Steam		10				23.04		Wood waste	
Wood Processing		MITCHPINE PRODUCTS	MITCHPINE PRODUCTS	SCOTT			1988	1 Saturated Steam		10						Oil/Diesel	
Wood Processing		MOTUEKA LUMBER	MOTUEKA LUMBER	VEKOS			1963	6.4 Hot Water						51.6096		130 Wood waste	
Wood Processing		MOUTERE TIMBER	MOUTERE	ANDERSON		Firetube	1997	5 Hot Water		9				41.16		155 Sawdust & dry shaving	
Wood Processing		NASEBY LUMBER	NASEBY			Heating plant less											
Wood Processing		NELSON PINE INDUSTRIES	NELSON	EASTEEL		than 1 Watertube	2000	20 Saturated Steam	31	26	16	24	300	161.28 г	10	650	
Wood		NELSON PINE	NELSON			Heated oil	1990	25 Heated Oil	8	11	13	24	340	168 r	10	Reject wood 1 900	10688000 kWh
Processing Wood		INDUSTRIES NELSON PINE	NELSON	NEI John Thon	Kablitz grate, ov	heat exchanger Heated oil	1985	25 Heated Oil	8	11	13	24	340	168 г	10	Reject wood	12596000 kWh
Processing Wood		INDUSTRIES NELSON PINE	NELSON	Thermo Produc	Kablitz grate, ov	heat exchanger Heated oil	1990	35 Heated Oil	14	12	20	24	340	294 г		Reject wood 1	12596000 kWh
Processing		INDUSTRIES	HELDON	Bertrams Konus		heat	1,,,0	33 Heiled Oil			20	2.	540	2511			68889000 kWh
Wood Processing		NEW ZEALAND WOOD MOULDINGS	TAERI	SCOTT		Watertube	1993	8 Hot Water		10				67.2		160 Dry wood shavings	
Wood Processing		NEW ZEALAND WOOD MOULDINGS	TAERI	SCOTT			1993	Hot Water		10						Dry wood shavings	
Wood Processing		NGAHERE SAWMILLING	GORE	JOHN THOMPSON		Watertube	1983	3 Hot Water						23.184		150 Lignite	
Wood Processing	41100	NGAHERE SAWMILLING	GORE	SCOTT TAYLOR		Watertube	2002	1 Steam	4.54	8				7.896		160 Lignite	

Wood Processing Wood	C141100	NIAGARA SAWMILLING	G INVERCARGILL OAMARU	VEKOS, MORROW ENGINEERIN	No	2001	10 Hot Water			78.96			100 Wood waste	
Processing	C141100	SAWMILLING			heating plant									
Wood Processing		NORTHERN PALLETS	HIKURANGI		Heating plant less than 1		Hot Water	4.:	5				77	
Wood Processing		NORTHPINE LTD	WAIPU	VEKOS	Tiali I	2008	4.2 Saturated Steam	1	0	35.28			Wood waste	
Wood Processing		NORTHPINE LTD			fire tube		3.5 steam	:	8	n	o		700	
Wood Processing		NORTHPINE LTD	SILVERDALE	VEKOS		1978	1 Hot Water	1	0	8.4			160 Gas	
Wood Processing		NZ SAWN PRODUCTS	NZ SAWN PRODUCTS	EASTEEL		1992	1.5 High Pressure			12.6			150 Gas	
Wood		NZ Sawn Products	Maewa Rd Feilding		2009		Hot Water 5						Wood	
Processing Wood Processing		OTAGO LUMBER	OTAGO LUMBER	ENGINEERIN	conser	1985	3.5 Hot Water			29.988			waste 154 Sawdust & dry shaving	
Wood Processing		Otago Lumber	Bush Rd Mosgiel Dunedin	G, CHCH									Wood waste +	tonnes
						2006	3						Coal	
Wood Processing		P F OLSEN & CO	P F OLSEN		No heating									
Wood Processing		PACIFIC PINE INDUSTRIES	PUTARARU	WATERWIDE HEAT	plant	1997	2.5 Hot Water			20.16			160 Shavings & sawdust	
Wood Processing		PAN PAC FOREST PRODUCTS LTD	WHIRINAKI	EXCHANGER EASTEEL	Waterwall	2002	42 Superheate d Steam	6	0	352.8		58800000	450 Wood waste	
Wood Processing		PAN PAC FOREST PRODUCTS LTD	WHIRINAKI	FOSTER WHEELER		1977	19 Saturated Steam	6	0	159.6		58800000	277 Waste bark,	
Wood Processing		PAPAKURA TIMBER PROCESSORS LTD	PAPAKURA	(MCKENZIE EASTEEL	Firetube	1998	2.5 Hot Water			12			sawdust 164 Gas	
Wood Processing		PINEPAC	PINEPAC	ANDERSON VEKOS	Watertube	1982	1 Steam	1	0	8.4			160 Planer shavings,	
Wood Processing		PINEPAC	PINEPAC	ANDERSON VEKOS	Watertube	1981	1	1	0	8.4			sawdust 160 Planer shavings, sawdust	
Wood Processing		PINEPAC	PINEPAC	ANDERSON VEKOS	Watertube	1981	1	1	0	8.4			160 Planer shavings,	
Wood Processing		PINEPAC	PINEPAC	ANDERSON VEKOS	Watertube	1981	1	1	0	8.4			sawdust 160 Planer shavings,	
Wood Processing		PITZAC	WANGANUI	EASTEEL	Heating plant less than 1	1980	Saturated Steam		1				sawdust 120 Gas	
Wood Processing		PRESTIGE LUMBER	OHINEWAI		No heating									
Wood Processing		PRIME PINE LTD	MOTUEKA	MORROW ENGINEERIN	Triple pass	2001	2.3 Hot Water	1	0	19.32			160 Sawdust & dry shaving	
Wood Processing	C141100	PRIME SAWMILLS	PRIME SAWMILLS	G, CHCH S KONUS	watertube	1978	5 Heated Oil			39.48			Wood waste	
Wood Processing	C141100	PUKEPINE SAWMILLS	SAWMILL	SCOTT	Watertube	1999	4 Hot Water		7	33.6			160 Green sawdust	
Wood Processing	C141100	PUKEPINE SAWMILLS	MOULDING	VEKOS	Watertube	1983	6 Hot Water		7	50.4			150 Dry wood shavings	
Wood Processing	C141100	PUKEPINE SAWMILLS	SAWMILL BACK UP	HEAT	Watertube	1988	2 Hot Water		7				160 Gas	
Wood Processing	C/41100	R H TREGOWETH	R H TREGOWETH	EXCHANGER SCOTT	Watertube	1996	2 Hot Water	6.5	0				160 Gas	
Wood		R H TREGOWETH	R H TREGOWETH	SCOTT		2004	4 High	1:	2				170 Wood	
Processing							Pressure Hot Water						waste, dry sawdust,	

Wood		R H TREGOWETH				Watertube	2005	5 High		8		24 330	42 no		160		tonnes	
Processing				Dittinger				Pressure Hot Water 5 mgv	v		3 mgw				Sawdust/S	navings		
Wood Processing		REDSTAG TIMBER (WAIPA SAWMILL)	WAIPA SAWMILLS	3				3.5 Steam							Hog fuel			
Wood Processing	C141100	REDSTAG TIMBER (WAIPA SAWMILL)	PLANT 1	BABCOCK & WILCOX		Watertube	1985	20 Superheate d Steam	28	42			164.64	24700000	482 Wood waste			
Wood Processing	C141100	REDSTAG TIMBER (WAIPA SAWMILL)	PLANT 1	JOHN THOMPSON		Watertube	1992	20 Superheate d Steam	28	42			164.64	24700000	482 Waste bark,			
Wood Processing	C141100	Rosebank Timber	Main South Rd RD 3 Balclutha	ı				1.5							sawdust Coal	1200?	tonnes	20
Wood Processing		Rosebank Timber	Main South Rd RD 3 Balclutha	1				1.5							Wood waste	1400?	tonnes	
Wood Processing		ROSVALL SAWMILL	WHANGAREI	VEKOS		Firetube 3 pass	1982	2.74 Saturated Steam		11					188 Dry wood waste			
Wood Processing	C141100	ROSVALL SAWMILL	WHANGAREI	VEKOS		Firetube	1982	4.25 Saturated Steam					35.7		184 Wood waste			
Wood	C141100	ROSVALL SAWMILL										24	no					
Processing	C141100		Whareora Rd Whang	n Vakoe	425 Vekos	Firetube	2007	4.25 Steam	9 Bar		up to 4.25 M	280 days		Fire Roy	750 di Wood was	u 4230 Des	T. Tonnae	
Wood Processing	C141100	RUAHINE TIMBER	RUAHINE TIMBER		423 VEKUS	riietube	1983	1.4 Saturated Steam	9 Баі	10	ир ю 4.23 м	200 days	4.2	rie Box	Oil/Diesel	E 4230 DIY	1) Tollies	
Wood Processing	C141100	RURAL SAWMILLING	NIGHTCAPS			Heating plant less												
Wood Processing	C141100	SELWYN SAWMILLS	SELWYN			than 1 No heating												
Wood Processing		SHANDS ROAD SAWMILLS now SRS	CHRISTCHURCH	MORROW		plant Firetube	2001	8 High Pressure					63.168		160 Wood waste,			
Wood Processing	C141100	SOUTH PINE	NELSON	ENGINEERIN VEKOS		Firetube	2000	Hot Water 3.75 Hot Water		12					green 165 Dry wood shavings			
Wood Processing		SOUTH PINE	NELSON	SCOTT COMBUSTIO		Firetube	1992	4 High Pressure		12					165 Sawdust, wet			
Wood Processing		SOUTHERN CROSS FOREST PRODUCTS	MILTON	N JOHN THOMPSON		Waterwall	1995	Hot Water 4.2 Hot Water		12			33.8688		sawdust 150 Waste bark,			
Wood Processing		SOUTHERN CROSS FOREST PRODUCTS	THAMES TIMBER	EASTEEL		Firetube		8 Hot Water		8					sawdust 160 LPG/Butar e	1		
Wood Processing		SOUTHERN CROSS FOREST PRODUCTS	THAMES TIMBER	VISDAMAX		Firetube	2007	4.5 Hot Water		11			38.556		160 Wood waste			
Wood Processing		SOUTHERN CROSS FOREST PRODUCTS	THAMES TIMBER	VISDAMAX		Firetube	2007	4.5 Hot Water		11			38.556		160 Wood waste			
Wood Processing		SOUTHERN LUMBER CO	INVERCARGILL			No heating												
Wood Processing		SOUTHERN PINE PRODUCTS	Greymouth	COCKRAM		plant	2006	2.5					12.6		Wood waste			
Wood Processing		SOUTHERN PINE PRODUCTS	Greymouth	COCKRAM			2006	2.5					12.6		Wood waste			
Wood		SOUTHLAND VENEERS		ANDERSON		Firetube	1968	5 Steam	9.091	11.03					188 Coal			
Wood	C149300	SOUTHLAND VENEERS	VENEERS SOUTHLAND VENEERS	ANDERSON		Firetube	1968	5 Steam	9.091	11.03					188 Coal			
Processing Wood Processing	C149300	SOUTHLAND VENEERS		ANDERSON		Firetube	1968	3 Steam	5.989	10.34					184 Lignite			
Wood Processing	C149300	SOUTHLAND VENEERS				199 han	9 2nd					24	no					
Wood	C149300	SOUTHLAND VENEERS	9 Matheson Road, K	e Anderson	137759	Firetube 199	9 2nd	5.7 Saturated sti 8.5T		10		200/250 24	no	800/850	Backer * Coal chip	s 3500T	Tonnes	
Processing	C149300	LTD	9 Matheson Road, Ko	e Anderson	137760) Firetube	u	5.7 Saturated st 8.5T		10	IT.	200/250		800/850	Backe: * Coal chip	s 3500T	Tonnes	
Wood Processing		SOUTHWOOD MILLING	G MOTUEKA			No heating plant												

Wood Processing		STILLWATER LUMBER	STILLWATER LUMBER	COCKRAM	Watertube	1970	3 Saturated Steam	6	24.192	140 Wood waste	
Wood Processing		STUART TIMBER COMPANY LTD	TAPANUI	FOGARTY	Direct fired	1999	0.5		3.78	Lignite	
Wood Processing		SUTHERLAND & CO	KAIAPOI	ANDERSON VEKOS	heater Waterwall	2001	2.75 Steam	7	24.024	135 Shavings & sawdust	
Wood Processing		T & J McILWAINE	T & J McILWAINE			2008				Gas	
Wood Processing		T C MILLING LTD	WAIPAWA	NO BOILER	No heating						
Wood Processing		TACHIKAWA FOREST PRODUCTS	ROTORUA	EASTEEL	Waterwall	1999	8 Hot Water	13	64.512	160 Wood waste	
Wood Processing	C141100	TANNER SAWMILLS	Tairua	NO BOILER	No heating plant	2008					
Wood Processing	C141100	TANNER SAWMILLS	Kaitaia	NO BOILER	No heating plant						
Wood Processing	C141100	TANNER SAWMILLS	KEREPEHI	KONUS	Heated oil heat exchanger	1974	4.5 Heated Oil			270 Wood waste	
Wood Processing	C141100	TARANAKI SAWMILLS	TARANAKI SAWMILLS	VEKOS	Watertube	1973	4 Hot Water	10	32.256	165 Dry shavings & hog fuel	
Wood Processing	C141100	TARANAKI SAWMILLS	TARANAKI SAWMILLS	VEKOS	Watertube	1973	4 Hot Water	10	32.256	165 Dry shavings & hog fuel	
Wood Processing	C141100	TARANAKI SAWMILLS	TARANAKI SAWMILLS	ENTEC	Watertube	2008	2.3 Hot Water	10	18.5472	165 Green sawdust	
Wood Processing		TENON (previously FLETCHER CHALLENGE FORESTS)	FLETCHER CHALLENGE FORESTS	EASTEEL	Firetube	1998	2.2 Saturated Steam	9.9		184 Gas	
Wood Processing		TIMBERLANDS WEST COAST LTD	TIMBER LANDS WC		No heating						
Wood		Turny Timboro	1215 Mamakakaka E	Dd Hastings	plant 2007	stad	1.5			Waste oil	
Wood Processing Wood Processing		Tumu Timbers W CRIGHTON & SON	1215 Maraekakaho F W CRIGHTON & SON		2007 conser Watertube	ited 1999	1.5 3 Hot Water	10	24.192	Waste oil	
Processing Wood			W CRIGHTON &		2007 conser Watertube Heating plant less			10	24.192		
Processing Wood Processing Wood	C141100	W CRIGHTON & SON	W CRIGHTON & SON WAIMATE		2007 conser Watertube			10	24.192 45.36		
Processing Wood Processing Wood Processing Wood	C141100	W CRIGHTON & SON WAIMATE TIMBER	W CRIGHTON & SON WAIMATE WAIMEA SAWMILLERS	SCOTT	Watertube Heating plant less than 1	1999	3 Hot Water			160 Gas 162 Sawdust &	
Processing Wood Processing Wood Processing Wood Processing Wood Processing	C141100 C141100	W CRIGHTON & SON WAIMATE TIMBER WAIMEA SAWMILLERS	W CRIGHTON & SON WAIMATE WAIMEA SAWMILLERS WAIMEA SAWMILLERS WAIPAWA TIMBER	SCOTT	Watertube Heating plant less than 1	1999 1982	3 Hot Water 6 Hot Water		45.36	160 Gas 162 Sawdust & dry shaving Shavings &	
Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing		W CRIGHTON & SON WAIMATE TIMBER WAIMEA SAWMILLERS WAIMEA SAWMILLERS WAIPAWA TIMBER	W CRIGHTON & SON WAIMATE WAIMEA SAWMILLERS WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER	VEKOS	Watertube Heating plant less than 1	1999 1982 2006	3 Hot Water 6 Hot Water	11	45.36 15.12	160 Gas 162 Sawdust & dry shaving Shavings & sawdust	
Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing		W CRIGHTON & SON WAIMATE TIMBER WAIMEA SAWMILLERS WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER	W CRIGHTON & SON WAIMATE WAIMEA SAWMILLERS WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA	VEKOS EASTEEL SCOTT	Watertube Heating plant less than 1	1999 1982 2006 1996	3 Hot Water 6 Hot Water 2 3 Hot Water 1 Saturated	11	45.36 15.12 25.704	160 Gas 162 Sawdust & dry shaving Shavings & sawdust 135 Gas Gas 130 Wood waste, dry	
Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing		W CRIGHTON & SON WAIMATE TIMBER WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER PROCESSORS WAIROA TIMBER PROCESSORS	W CRIGHTON & SON WAIMATE WAIMAA SAWMILLERS WAIMAA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIROA TIMBER PROCCESSORS WAIROA TIMBER PROCESSORS	VEKOS EASTEEL SCOTT FOGARTY FOGARTY	2007 conser Watertube Heating plant less than 1 Watertube	1999 1982 2006 1996 2008	3 Hot Water 6 Hot Water 2 3 Hot Water 1 Saturated Steam 2 Hot Water 2 Hot Water	11	45.36 15.12 25.704 8.568	160 Gas 162 Sawdust & dry shaving Shavings & sawdust 135 Gas Gas 130 Wood waste, dry sawdust, 130 Wood waste, dry sawdust, 130 Wood waste, dry sawdust, 130 Wood waste, dry sawdust, 130 Wood waste, dry sawdust s	
Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Wood Wood Wood Wood		W CRIGHTON & SON WAIMATE TIMBER WAIMEA SAWMILLERS WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER PROCESSORS WAIROA TIMBER	W CRIGHTON & SON WAIMATE WAIMAA SAWMILLERS WAIMAA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIROA TIMBER PROCCESSORS WAIROA TIMBER PROCESSORS	VEKOS EASTEEL SCOTT FOGARTY FOGARTY	Watertube Heating plant less than 1	1999 1982 2006 1996 2008 2007	3 Hot Water 6 Hot Water 2 3 Hot Water 1 Saturated Steam 2 Hot Water	11	45.36 15.12 25.704 8.568	160 Gas 162 Sawdust & dry shaving Shavings & sawdust 135 Gas Gas 130 Wood waste, dry sawdust, 130 Wood waste, dry sawdust	
Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing		W CRIGHTON & SON WAIMATE TIMBER WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER PROCESSORS WAIROA TIMBER PROCESSORS	W CRIGHTON & SON WAIMAE WAIMEA SAWMILLERS WAIPA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIPAWA WAIROA TIMBER PROCESSORS 14 Crarer St Wairoa	VEKOS EASTEEL SCOTT FOGARTY FOGARTY	2007 conser Watertube Heating plant less than 1 Watertube	1999 1982 2006 1996 2008 2007 2007	3 Hot Water 6 Hot Water 2 3 Hot Water 1 Saturated Steam 2 Hot Water 2 Hot Water	11	45.36 15.12 25.704 8.568	160 Gas 162 Sawdust & dry shaving Shavings & sawdust 135 Gas Gas 130 Wood waste, dry sawdust, 130 Wood waste, dry sawdust	
Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing	C141100	W CRIGHTON & SON WAIMATE TIMBER WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIROA TIMBER PROCESSORS WAIROA TIMBER WAIROA TIMBER WAIROA TIMBER WAIROA TIMBER PROCESSORS WAIROA TIMBER WAIROA TIMBER	W CRIGHTON & SON WAIMAE WAIMEA SAWMILLERS WAIPA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIPAWA WAIROA TIMBER PROCESSORS 14 Crarer St Wairoa	VEKOS EASTEEL SCOTT FOGARTY FOGARTY	2007 conser Watertube Heating plant less than 1 Watertube 2011 conser	1999 1982 2006 1996 2008 2007 2007	3 Hot Water 6 Hot Water 2 3 Hot Water 1 Saturated Steam 2 Hot Water 2 Hot Water	11	45.36 15.12 25.704 8.568	160 Gas 162 Sawdust & dry shaving Shavings & sawdust 135 Gas Gas 130 Wood waste, dry sawdust, 130 Wood waste, dry wa	
Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing Wood Processing		W CRIGHTON & SON WAIMATE TIMBER WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIROA TIMBER PROCESSORS WAIROA TIMBER PROCESSORS WAIROA TIMBER WAIROA TIMBER WAIROA TIMBER PROCESSORS WAIROA TIMBER WAIROA TIMBER WAIROA TIMBER WAIROA TIMBER WAIROA TIMBER WAIROA TIMBER TROCESSORS	W CRIGHTON & SON WAIMATE WAIMEA SAWMILLERS WAIMEA SAWMILLERS WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER SUPPLIES WAIPAWA TIMBER FROCESSORS 14 Crarer St Wairoa WAITETI	VEKOS EASTEEL SCOTT FOGARTY FOGARTY	2007 conset Watertube Heating plant less than 1 Watertube 2011 conset	1999 1982 2006 1996 2008 2007 2007	3 Hot Water 6 Hot Water 2 3 Hot Water 1 Saturated Steam 2 Hot Water 2 Hot Water 2.7	11	45.36 15.12 25.704 8.568 16.8	160 Gas 162 Sawdust & dry shaving Shavings & sawdust 135 Gas Gas 130 Wood waste, dry sawdust, 130 Wood waste, dry sawdust Wood waste, dry exactlest Wood waste/coal Wood waste/coal	

Wood Processing		WE WHILEY & SON	WE WHILEY & SON	JOHN THOMPSON	Watertube	2002	4.5 Hot Wate	er					37.8			aner avings, wdust	
Wood Processing		WENITA FOREST PRODUCTS	ROSEBANK SAWMILL, BALCLUTHA	SCOTT	Firetube	1994	2 Hot Wate	er		10			16.128		165 Co		
Wood Processing		WESTCO LAGAN	Butlers road Ruatar	n Scott	Water tube	2001	4.5 Steam		7.2 6.5 to 8.5	4.5?	24	340	37.8 n	o	184 *	wdust Pl-6-10	,000 Tc Tonnes
Wood Processing	C141100	WHITT AKER SAWMILLING	MASTERTON	EASTEEL	Watertube		1 Hot Wate	er .		10					160 Wo	ood	
Wood Processing	C141100	WILSON BROS TIMBE	R TIMARU		No heating plant												
Wood Processing	C15	WINSTONE PULP INTERNATIONAL	TANGIWAI	EASTEEL	Watertube	2001	5 Hot Wate	er		8			40.32			wdust & y shaving	
Wood Processing	C15	WINSTONE PULP INTERNATIONAL	TANGIWAI	BABCOCK		1987	2 Steam						0		Co	oal	
Wood Processing	C141100	wpi sawmilling															
Forestry management		pf olsen	NO BOILER														
		McVicar Timber Group L	td 55 John Rd, Christo	tht Babcock	Firetube	2001	6	6 Mw	1024Kpa	6 Mw	24	340	n	0	800 degrees C l Use	es shavings, sa	wdust, Tonnes