

9 November 2021

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## Fossil Fuel Use in Council

1. A list of all facilities, as well as administrative & miscellaneous buildings owned or administered by your Council that burn fossil fuels or that are heated by fossil fuels burned offsite (for example, in an energy centre that supplies heat to your facility), with a breakdown for each such facility of fossil fuel type, region, size of heat plant (MW), carbon dioxide emissions, and any Discharge to Air consents held for this activity.

Facility	Fossil Fuel type	Size of heat plant (MW)	Plans to Decarbonize	Discharge to Air Consents
Aquatic Centre <ul style="list-style-type: none"> <li>• Domestic hot water</li> <li>• Water heating unit for spa pool</li> </ul>	LPG Gas Califont	Domestic Hot water Rheem 24 x1 unit (42 kw) Rinnai 24 x3 unit (41 kw) Rinnai infinity xr26 x1 unit 44.5kw  Water heating unit for spa pool Immergas Victrix Pro 35-5511 (34.9 kw).  Each unit will also ramp up or down to match demand as required, because of this it is hard to know what the emissions would be as it directly relates to the load on the units.	No plans to decarbonise	No records held
Drill Hall heating	Diesel Boiler	The Gun burner was replaced within the last 12 months with Bentone ST120ka both these have been jettted to output approximately 40kw and unsure of their emission discharge but use up to date European technology	No plans to decarbonise	No records held
Centennial Park Showers	LPG Gas Califont	Rheem 27 (unknown kw)	No plans to decarbonise	No records held
Oamaru Opera House heating	LPG Boiler	3 x Baxi Luna 1.150 these have a maximum output of 140kw per unit. they are set up to modulate between units as demand is required, each unit will also ramp up or down to match demand as required, because of this it's hard to know what the emissions would be as it directly relates to the load on the units, however it was anticipated that this setup would reduce gas consumption by up to 30% and thus reducing emissions by up to 30% over the old system	No plans to decarbonise	No records held
Waihemo Service Centre	Diesel Boiler	The Gun burner was replaced within the last 12 months with Bentone ST120ka both these have been jettted to output approximately 40kw and unsure of their emission discharge but use up to date European technology	No plans to decarbonise	No records held

2. An outline of any plans that your Council or the Energy Efficiency and Conservation Authority have to transition these institutions off fossil fuels, including the names of these institutions, the proposed timing of the transition, and the transition plan.

As indicated above no such plan exists to transition our current facilities.

Although the Waitaki District Council does not maintain or hold the information that you have requested, the Council commissioned a report to baseline its glasshouse gas emissions in 2018/19, which you may find useful as it parallels the information you have requested. Since the report's publication, there has been little change in the operational base.

<https://www.waitaki.govt.nz/News/Waitaki-Sets-Base-Level-for-Emissions>

Yours sincerely,

**Information Management Officer**