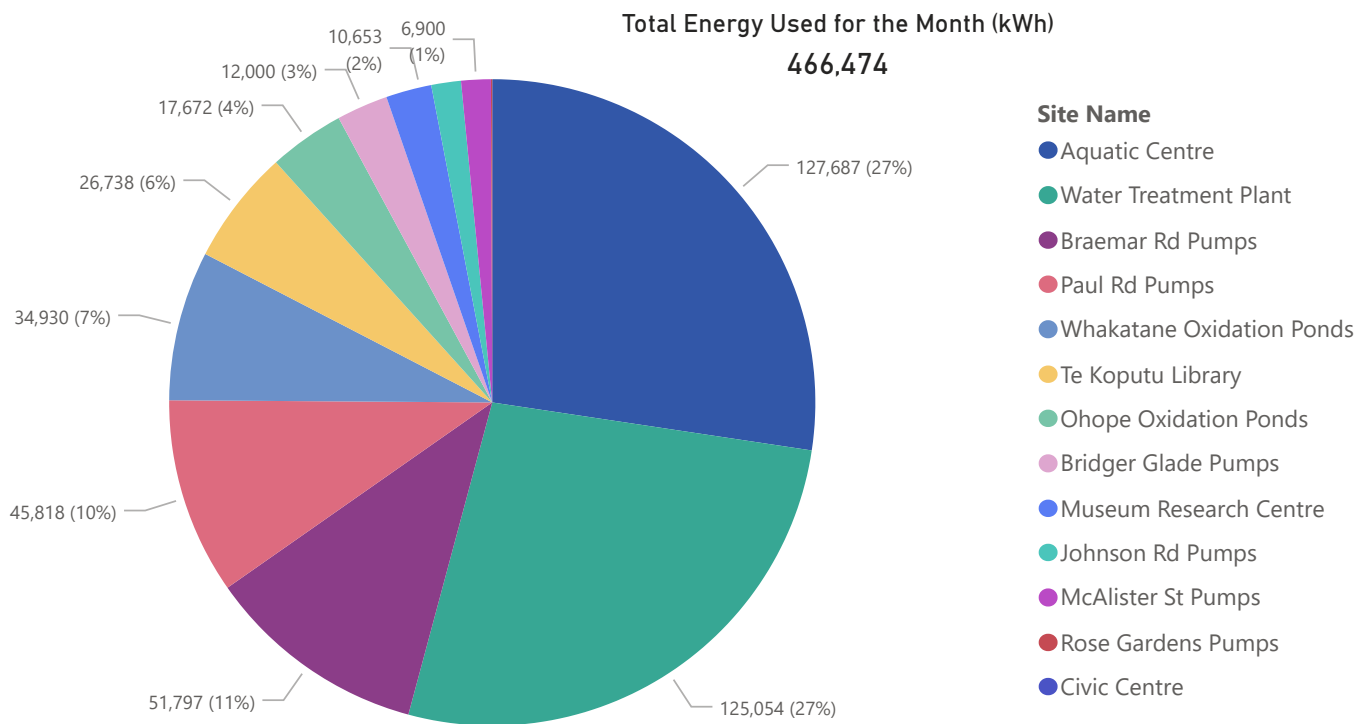




Whakatane District Council Summary

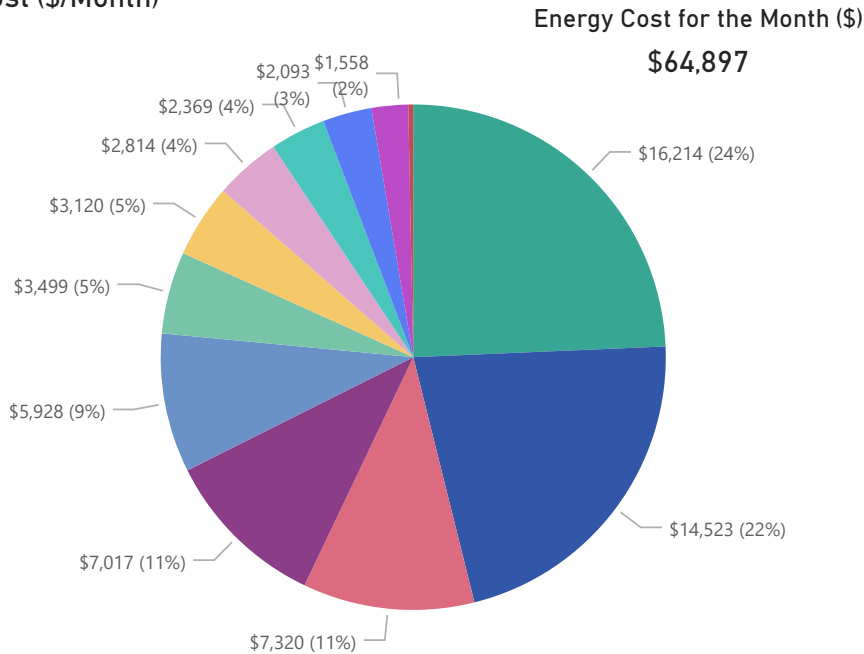
\$3,327 Monthly Energy Cost Savings	7,332 Elec. Savings (kWh/mo)	2% Elec. Savings (%)	249,895 R12M Electricity Savings (kWh/yr)	6,826 CO2e Savings (kg/mo)
\$127,261 R12M Energy Cost Savings	26,878 Gas. Savings (kWh/mo)	50% Gas. Savings (%)	1,328,519 R12M Gas Savings (kWh/yr)	307,947 R12M CO2e Savings (kg/yr)

Total Energy (kWh/Month)



Whakatane District Council Summary

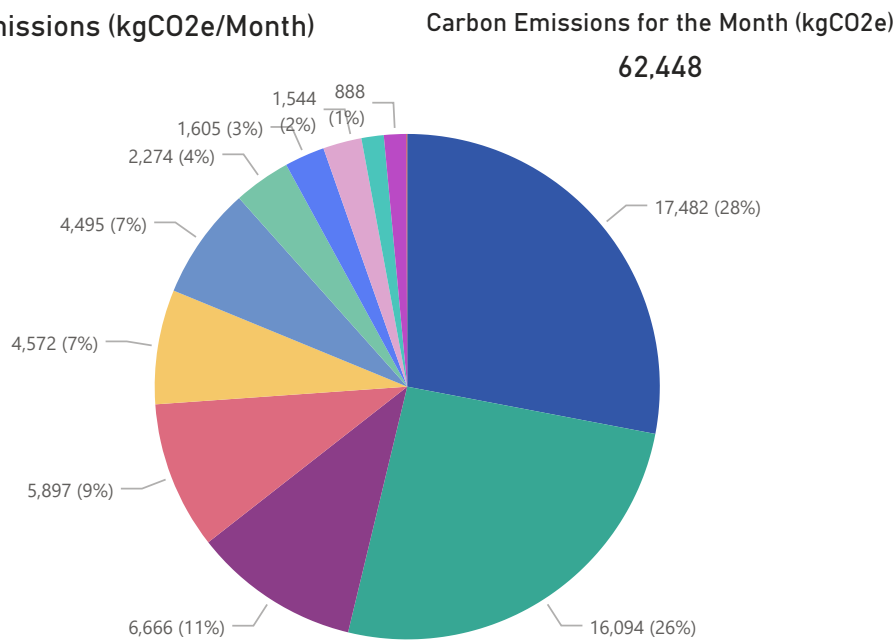
Energy Cost (\$/Month)



Site Name

- Water Treatment Plant
- Aquatic Centre
- Paul Rd Pumps
- Braemar Rd Pumps
- Whakatane Oxidation Ponds
- Ohope Oxidation Ponds
- Te Koputu Library
- Bridger Glade Pumps
- Johnson Rd Pumps
- Museum Research Centre
- Civic Centre
- McAlister St Pumps
- Rose Gardens Pumps

Carbon Emissions (kgCO2e/Month)

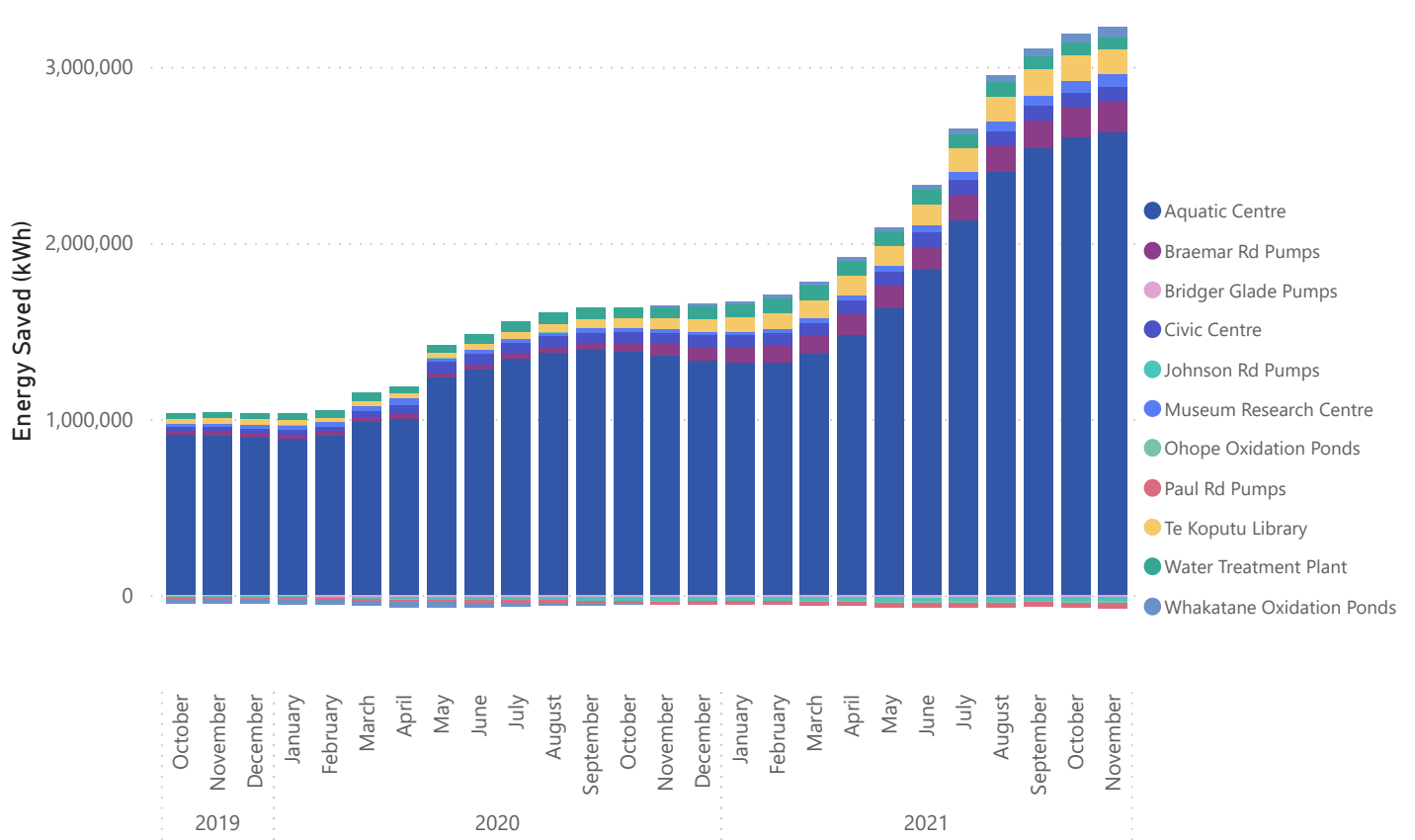


Site Name

- Aquatic Centre
- Water Treatment Plant
- Braemar Rd Pumps
- Paul Rd Pumps
- Te Koputu Library
- Whakatane Oxidation Ponds
- Ohope Oxidation Ponds
- Museum Research Centre
- Bridger Glade Pumps
- Johnson Rd Pumps
- McAlister St Pumps
- Rose Gardens Pumps
- Civic Centre

Whakatane District Council Summary

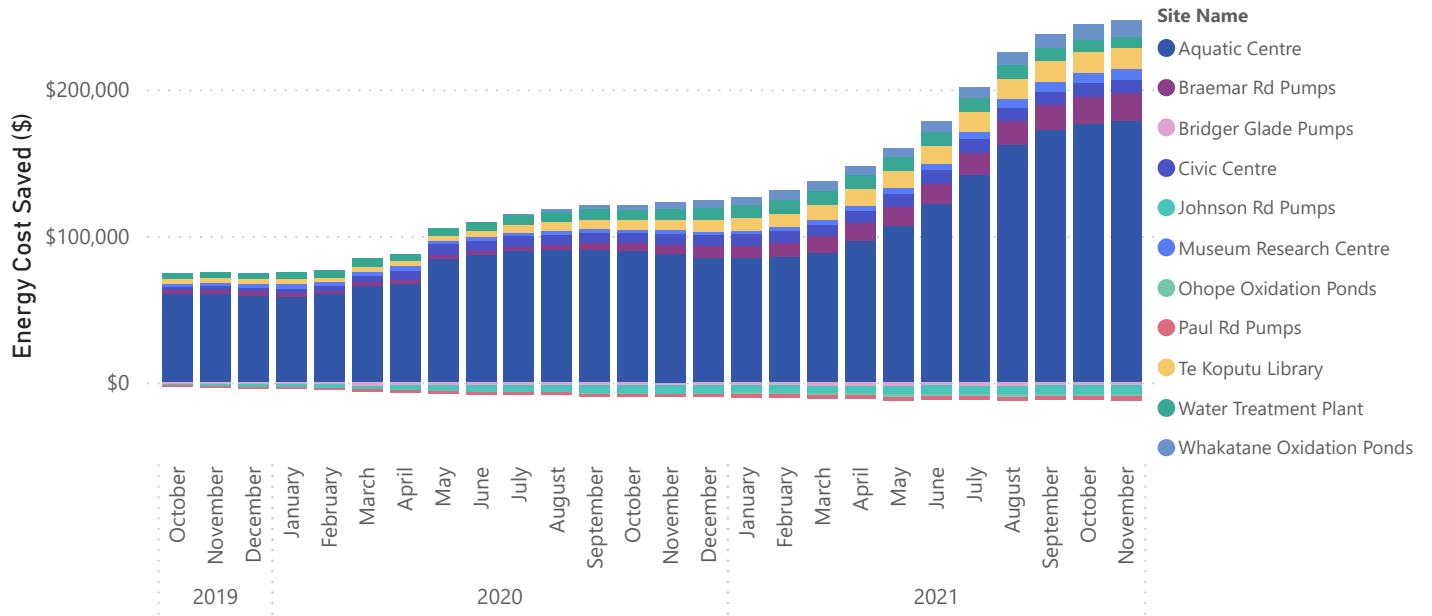
Cumulative Energy Savings (kWh)



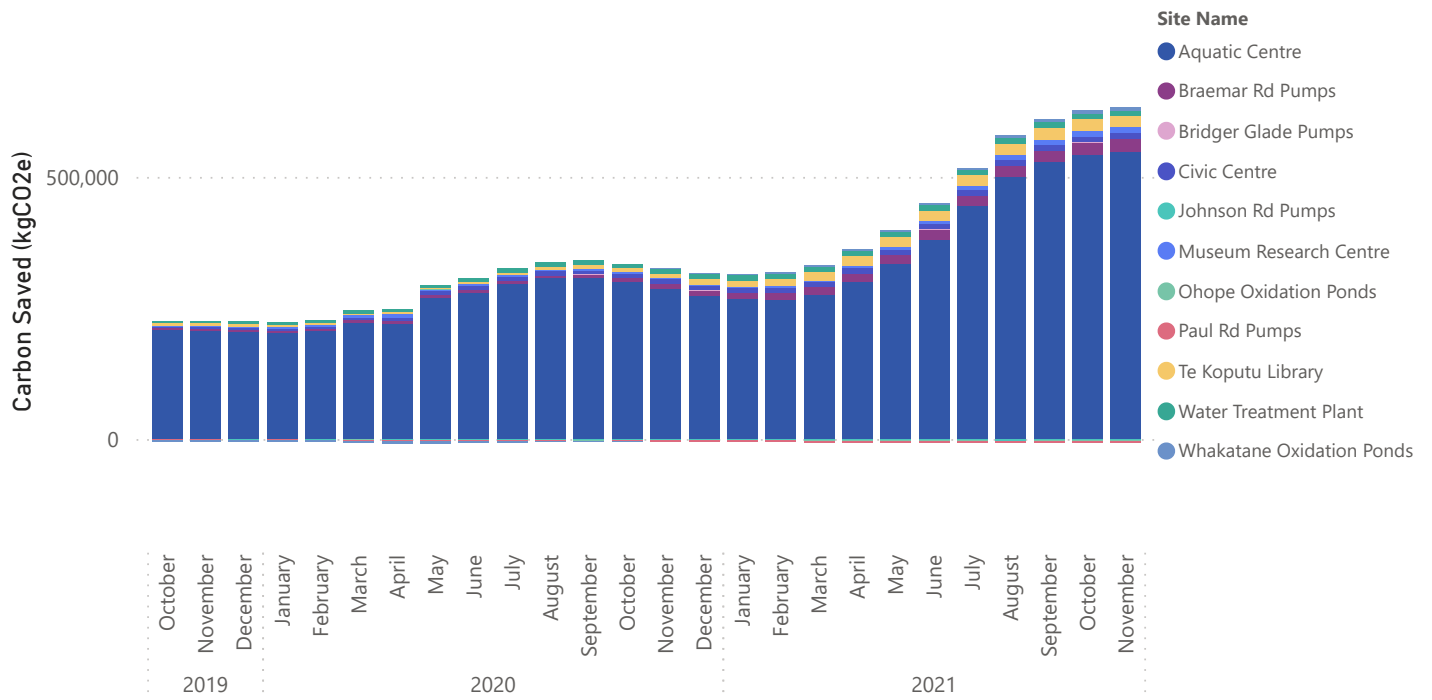
Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council Summary

Cumulative Energy Cost Savings (\$/month)



Cumulative Carbon Savings (kgCO2e/month)



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Civic Centre

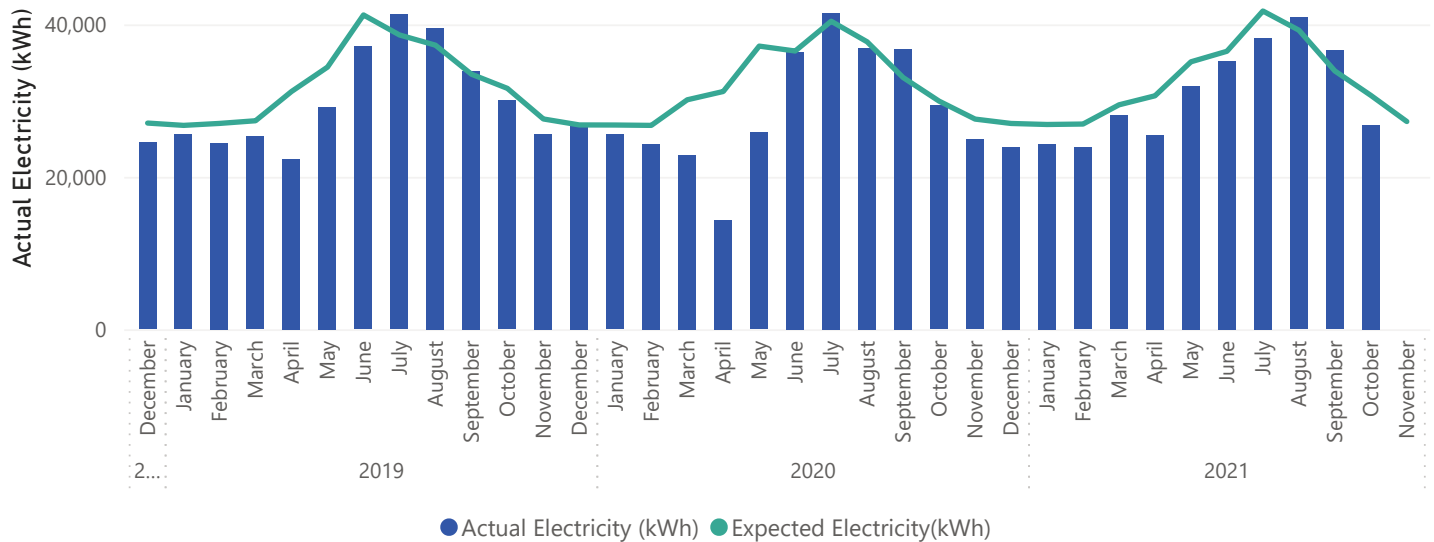
<p>\$0</p> <p>Monthly Energy Cost Savings</p>	<p>0</p> <p>Elec. Savings (kWh/mo)</p>	<p>0%</p> <p>Elec. Savings (%)</p>	<p>22,794</p> <p>R12M Electricity Savings (kWh/yr)</p>	<p>0</p> <p>CO2e Savings (kg/mo)</p>
<p>\$2,558</p> <p>R12M Energy Cost Savings</p>				<p>2,610</p> <p>R12M CO2e Savings (kg/yr)</p>

Comments:

Electric vehicle charging stations have seen an uptake in recent months, non-routine adjustments are on-going to account for the increased electricity use.

There were metering errors for the Civic Centre in November 2021, no usage was recorded and the Civic Centre has not been invoiced. The electricity retailer, Mercury, is currently working towards a resolution. Monitoring will be updated when data becomes available.

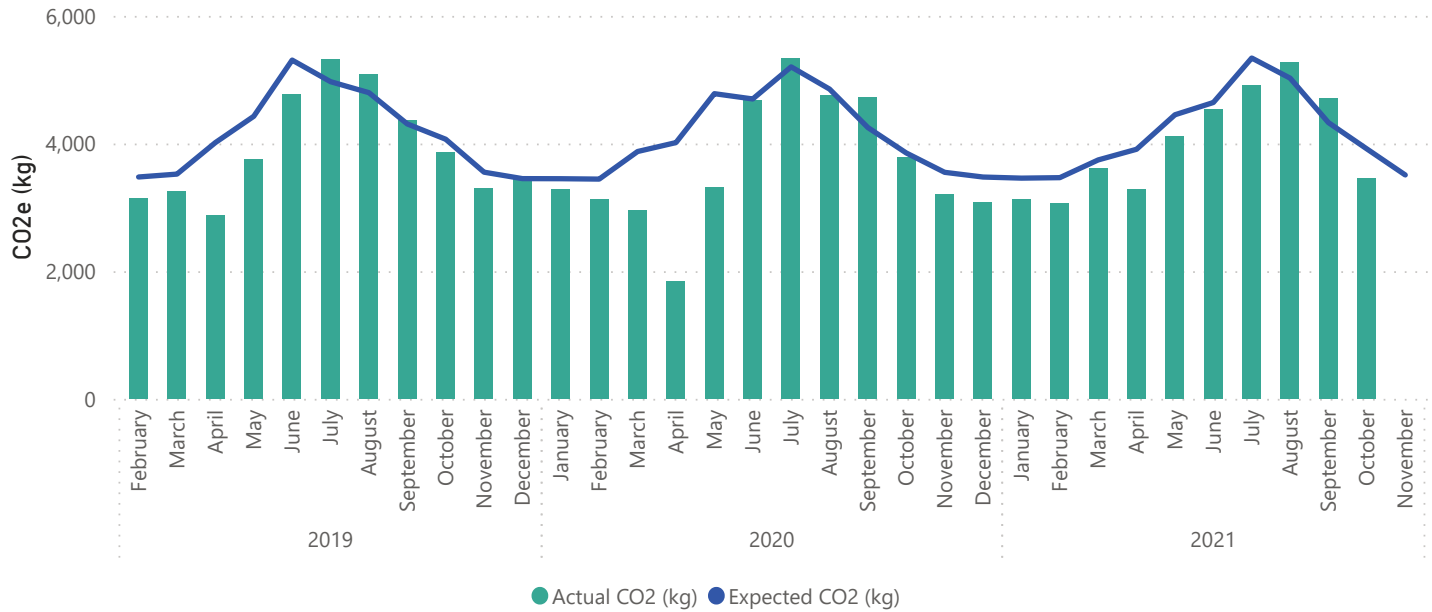
Civic Centre Electricity Use Compared to Baseline (kWh)



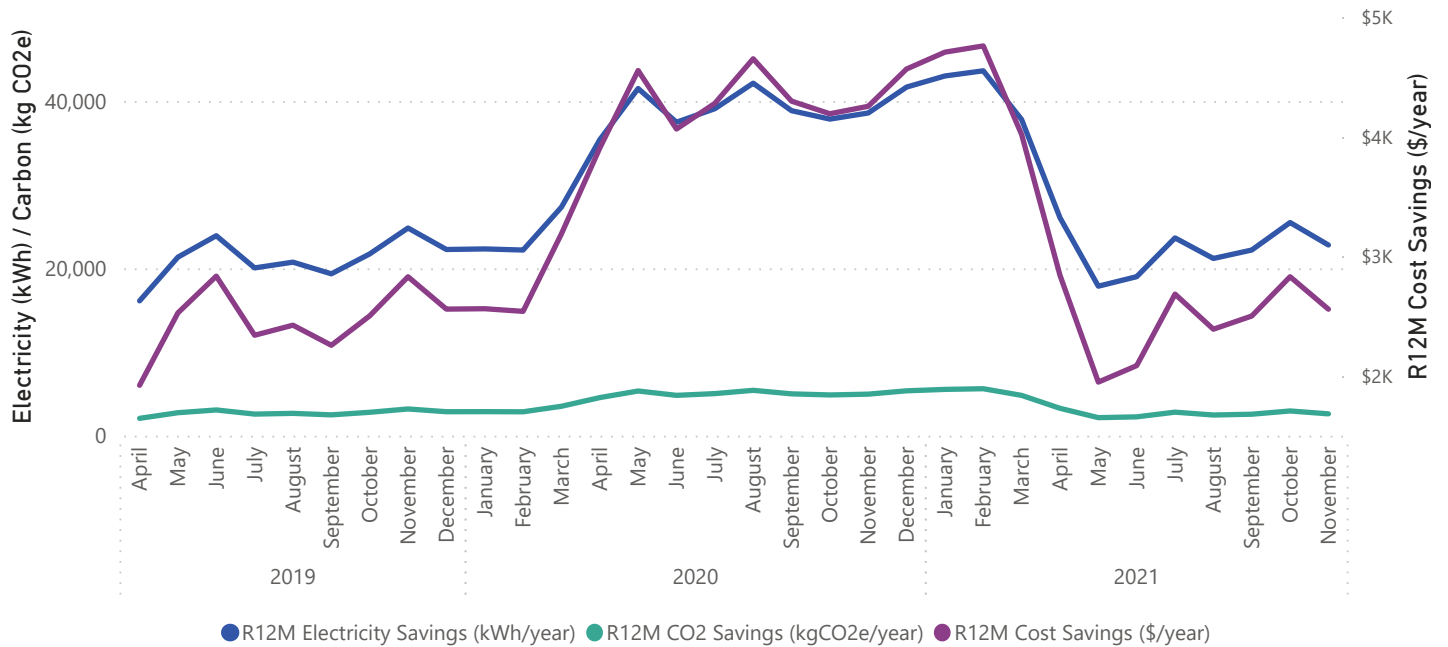
Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council Civic Centre

Civic Centre Carbon Emissions Compared to Baseline (kg CO2e)



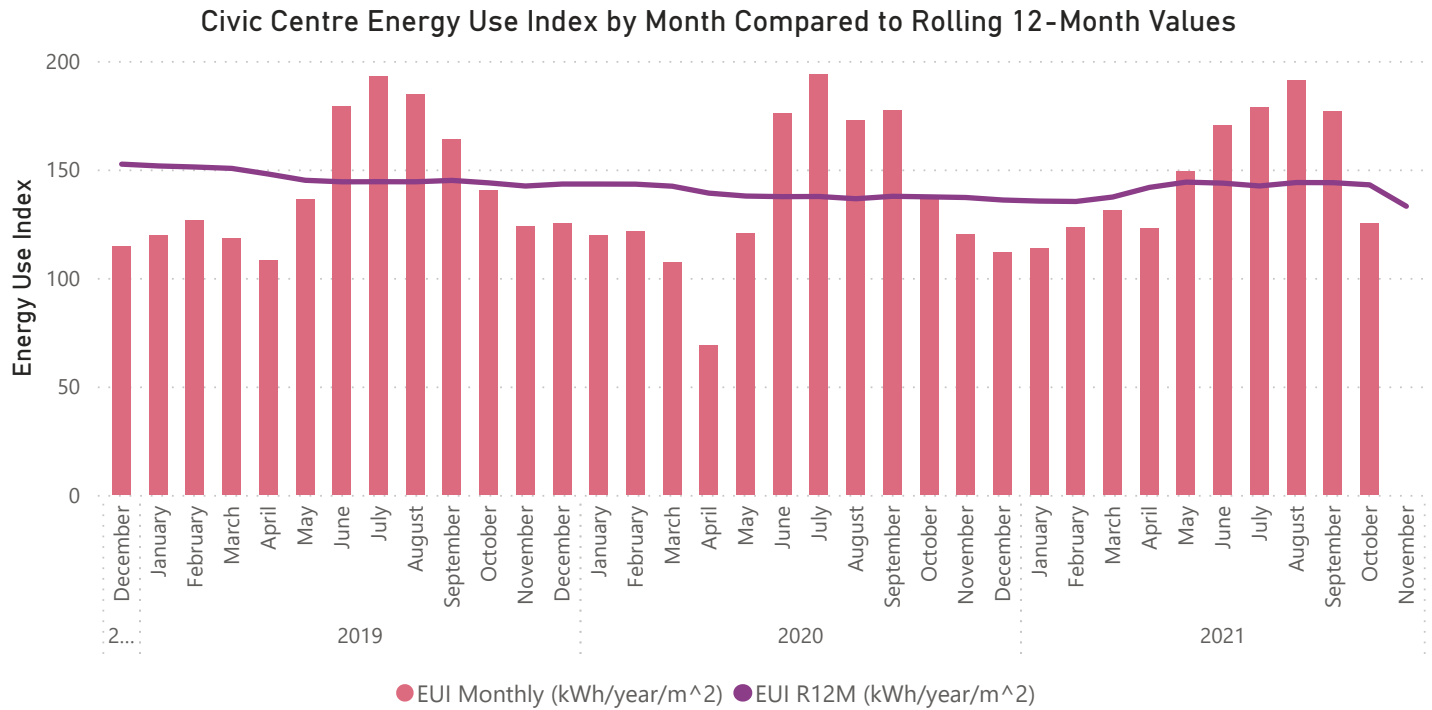
Civic Centre Cumulative Rolling 12 Month Savings



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Civic Centre



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



Whakatane District Council

Aquatic Centre

\$1,720 Monthly Energy Cost Savings	-3,922 Elec. Savings (kWh/mo)	-4% Elec. Savings (%)	-142 R12M Electricity Savings (kWh/yr)	5,919 CO2e Savings (kg/mo)
\$90,766 R12M Energy Cost Savings	29,473 Gas. Savings (kWh/mo)	71% Gas. Savings (%)	1,263,669 R12M Gas Savings (kWh/yr)	261,415 R12M CO2e Savings (kg/yr)

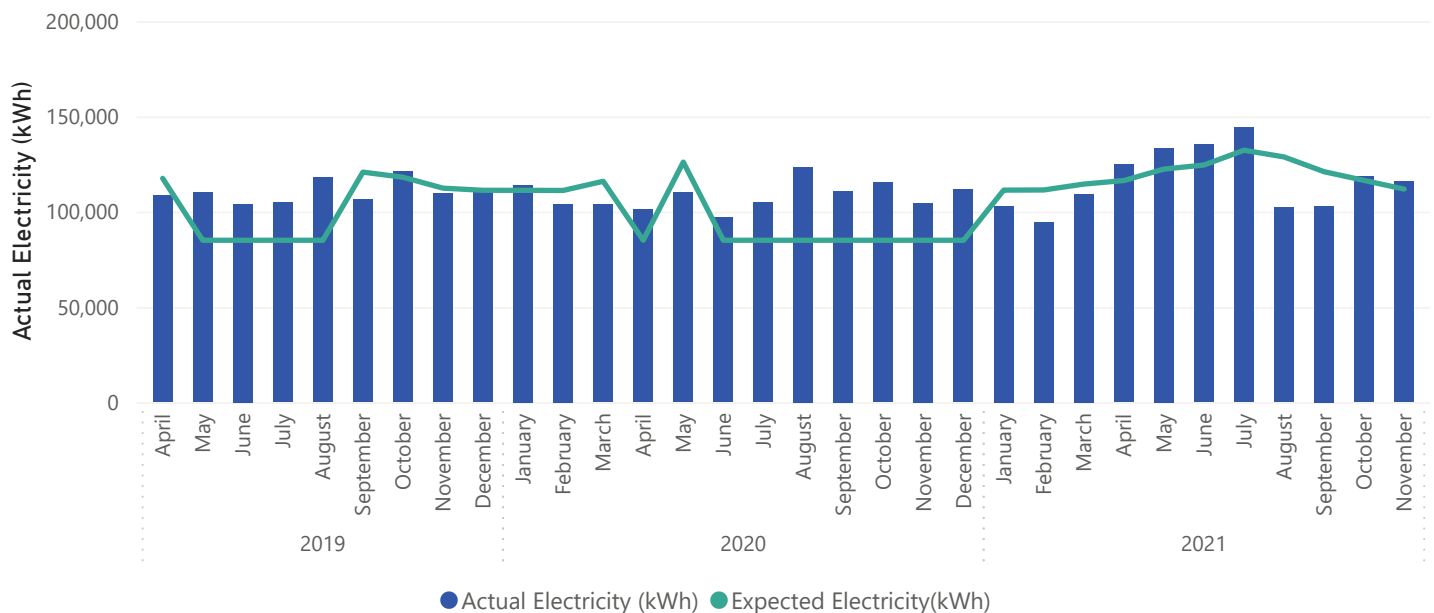
Comments:

The outdoor pool is now open year-round and uses a baseline that reflects this change.

Electricity use was more than baseline in November 2021. Some of the savings achieved in August and September may be attributed to the pool being closed in alert level three.

Natural gas was less than last month and is 71% less than expected in November 2021.

Aquatic Centre Electricity Use Compared to Baseline (kWh)

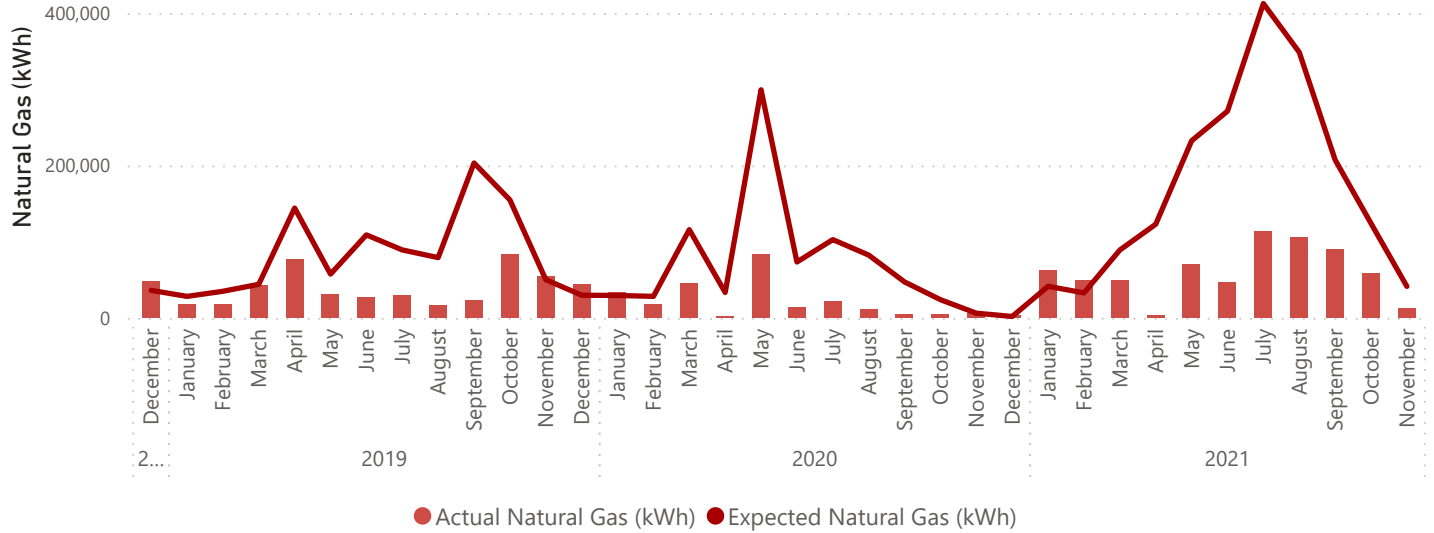


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

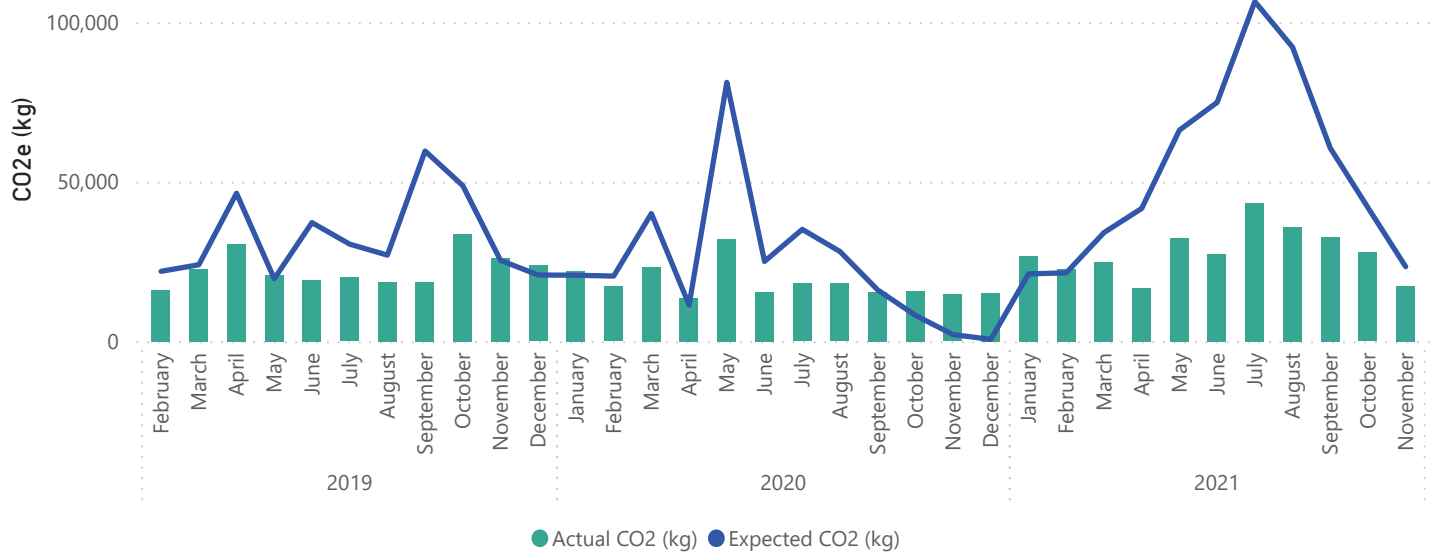
Whakatane District Council

Aquatic Centre

Aquatic Centre Natural Gas Compared to Baseline (kWh)



Aquatic Centre Carbon Emissions Compared to Baseline (kg CO2e)

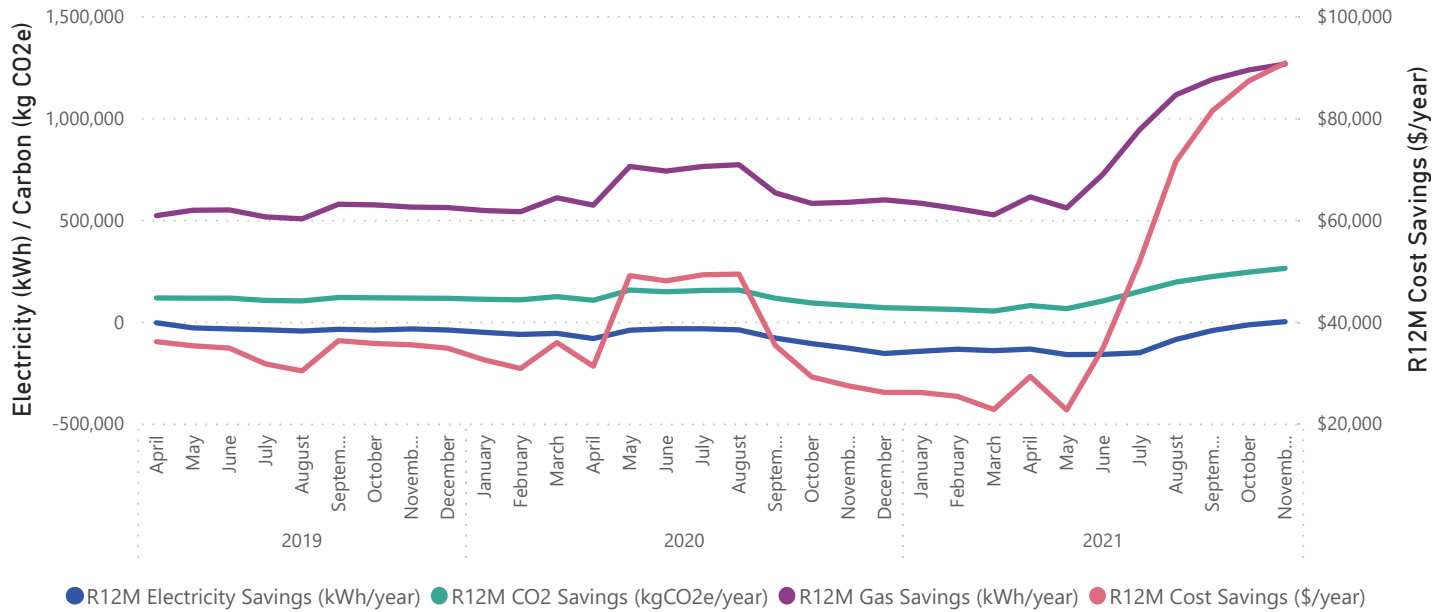


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

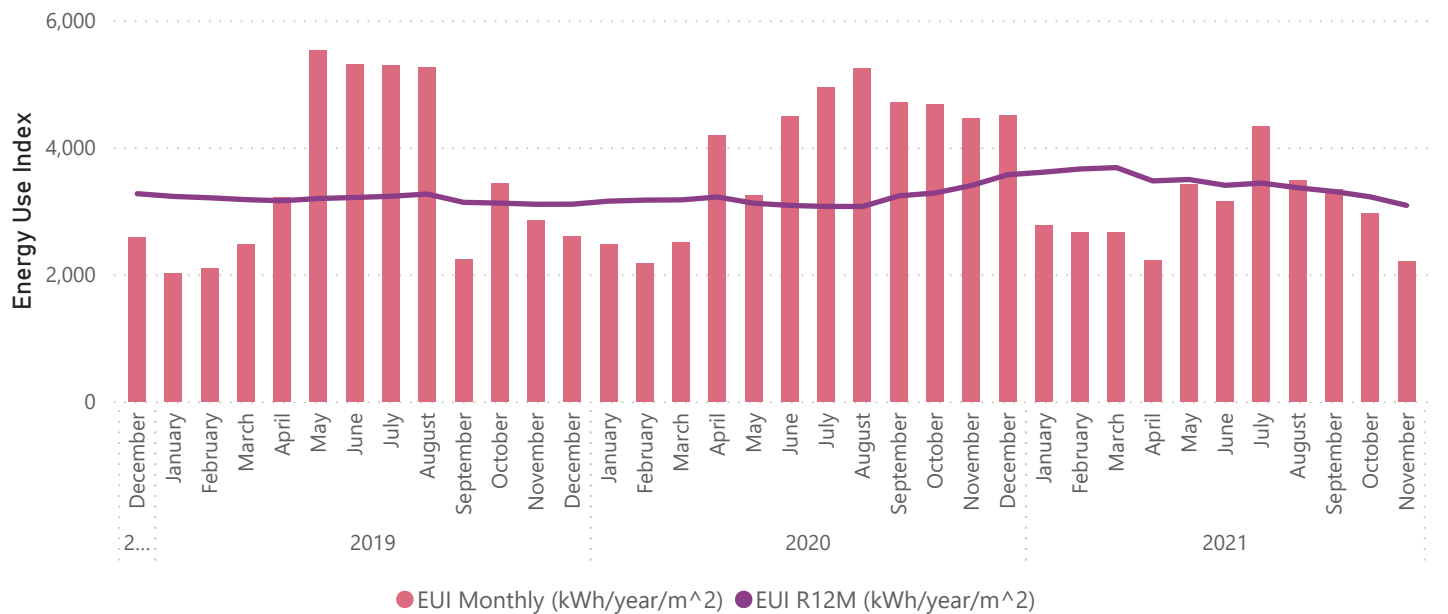
Whakatane District Council

Aquatic Centre

Aquatic Centre Cumulative Rolling 12 Month Savings



Aquatic Centre Energy Use Index by Month Compared to Rolling 12-Month Values



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



Whakatane District Council

Te Koputu Library

<p>-\$346 Monthly Energy Cost Savings</p>	<p>926 Elec. Savings (kWh/mo)</p>	<p>6% Elec. Savings (%)</p>	<p>41,848 R12M Electricity Savings (kWh/yr)</p>	<p>-1,177 CO2e Savings (kg/mo)</p>
<p>\$7,474 R12M Energy Cost Savings</p>	<p>-5,998 Gas. Savings (kWh/mo)</p>	<p>-88% Gas. Savings (%)</p>	<p>38,227 R12M Gas Savings (kWh/yr)</p>	<p>13,727 R12M CO2e Savings (kg/yr)</p>

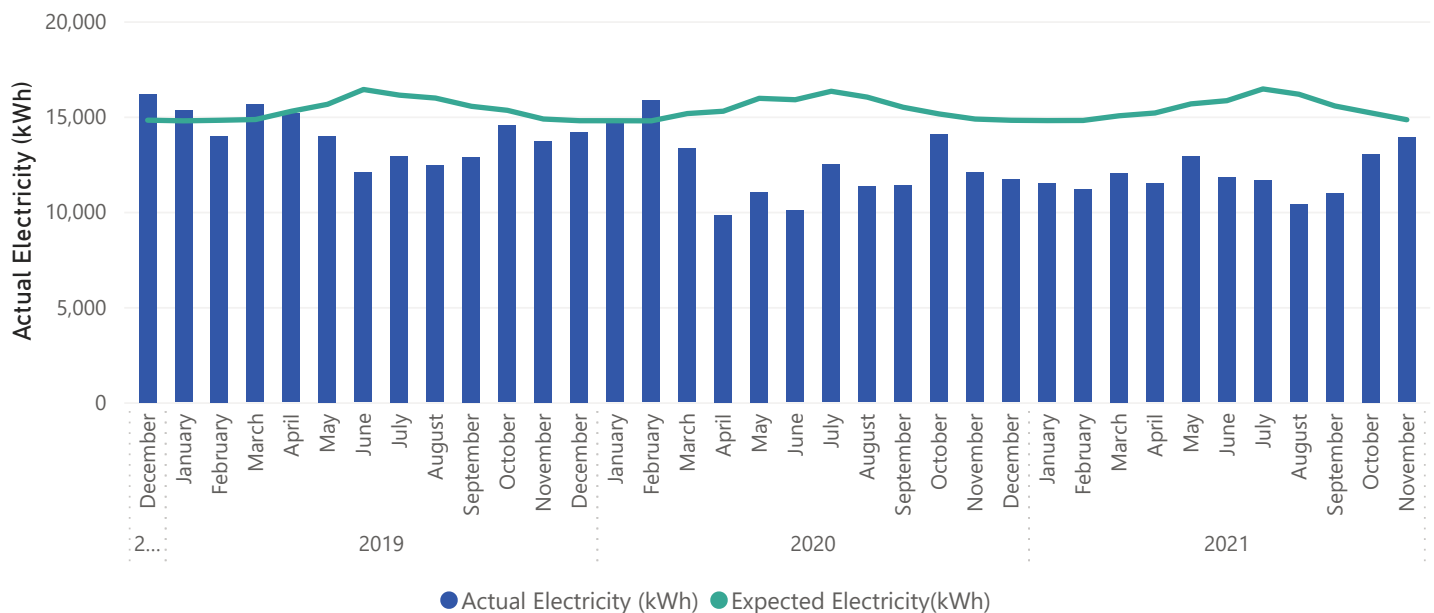
Comments:

Electricity use has been less than baseline since March 2020.

Electricity and natural gas use have both increased compared to recent months. Gas use was 92% more than expected and has increased by 13% from October to November, even though November was a warmer month on average.

Rolling 12 month cost savings have been decreased to approximately \$7,500 saved per year.

Te Koputu Library Electricity Use Compared to Baseline (kWh)

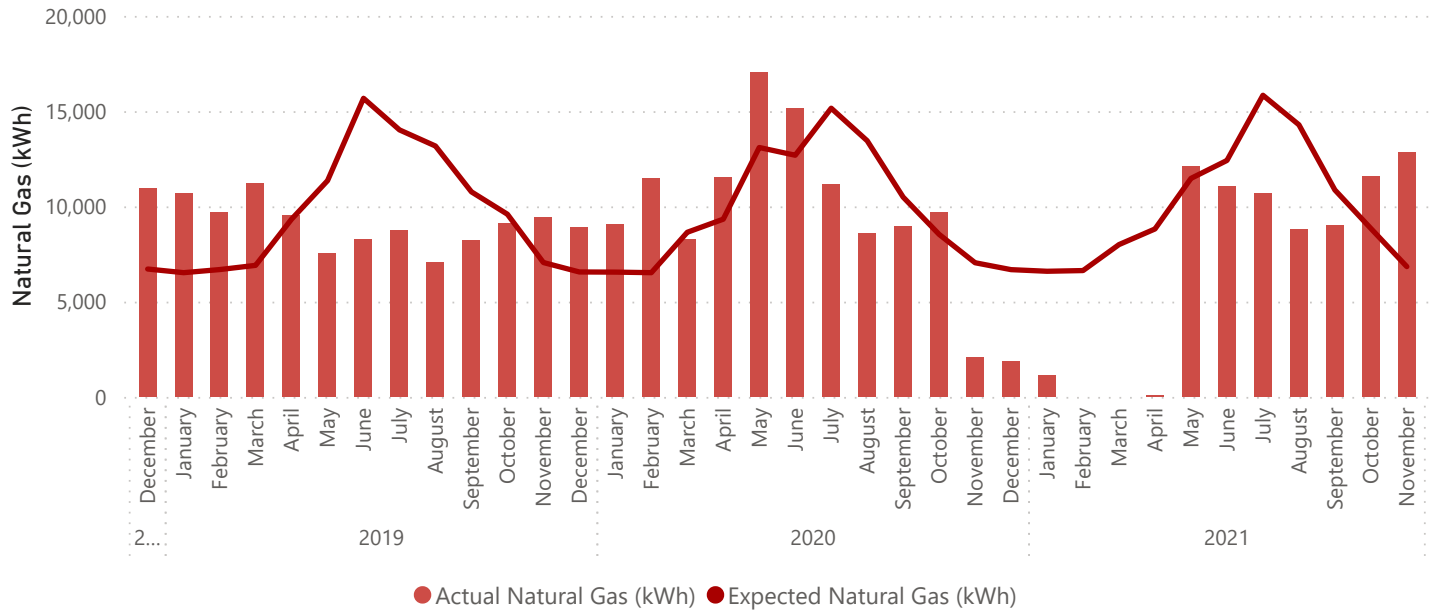


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

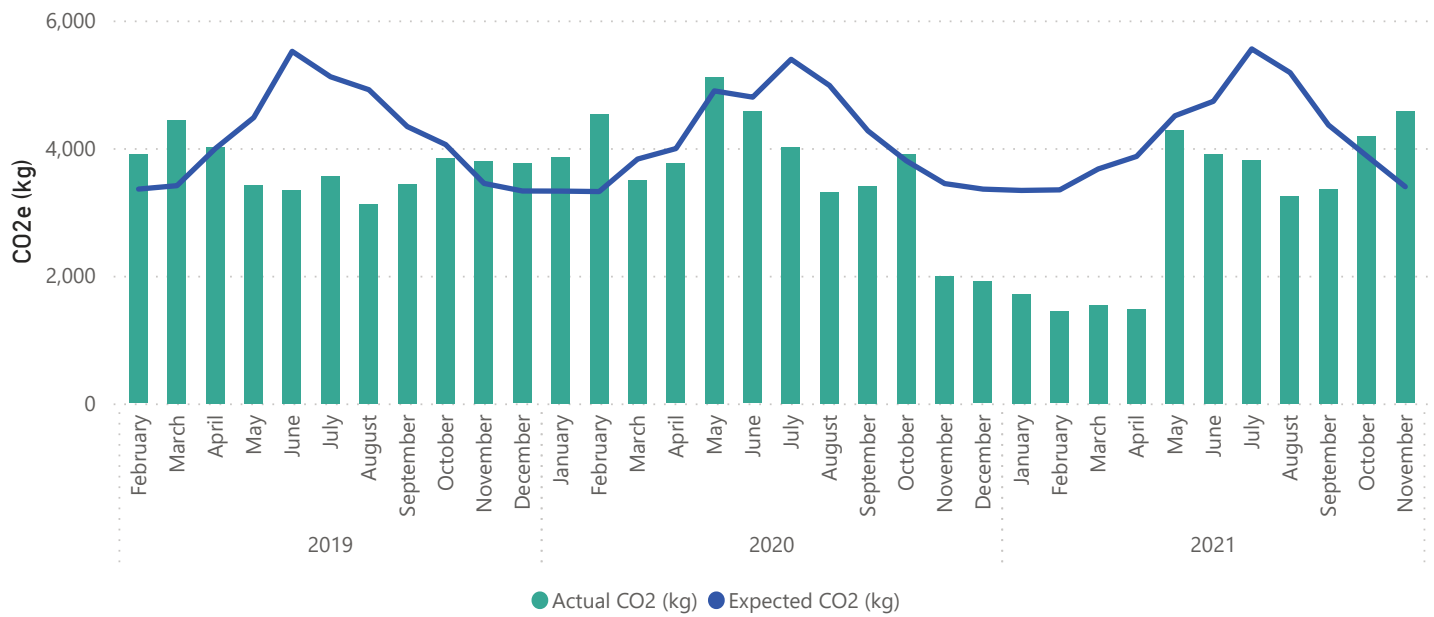
Whakatane District Council

Te Koputu Library

Te Koputu Library Natural Gas Compared to Baseline (kWh)



Te Koputu Library Carbon Emissions Compared to Baseline (kg CO2e)

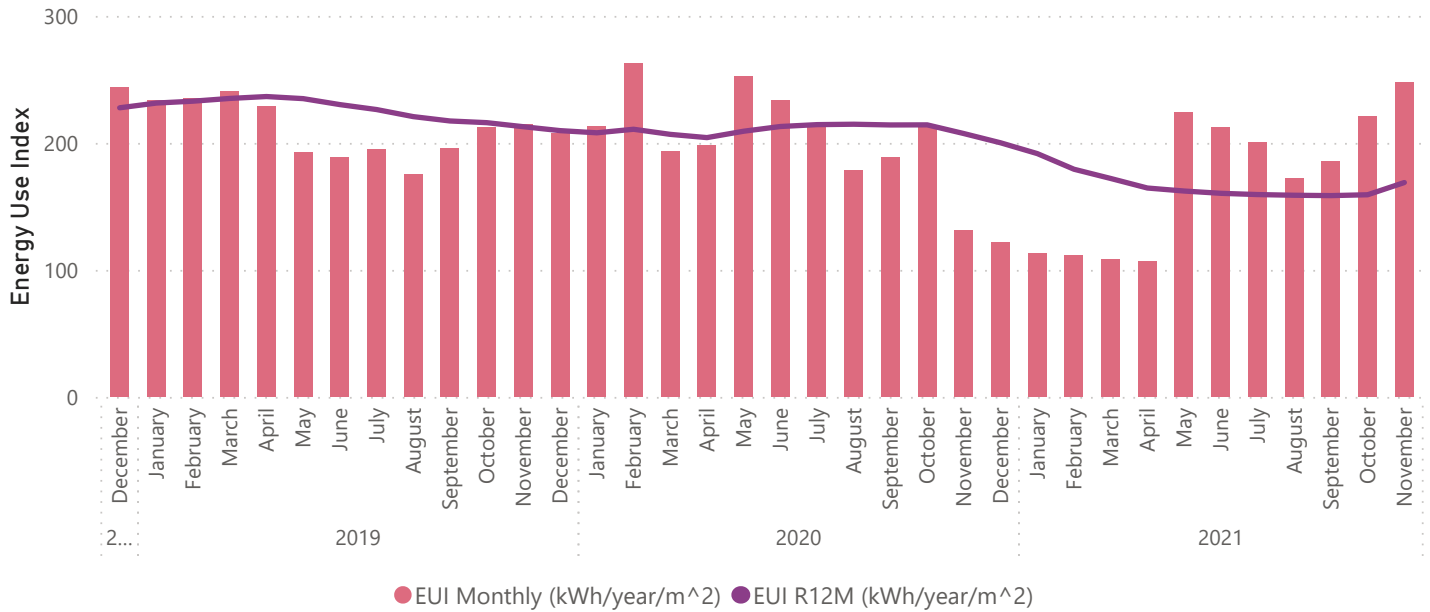


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

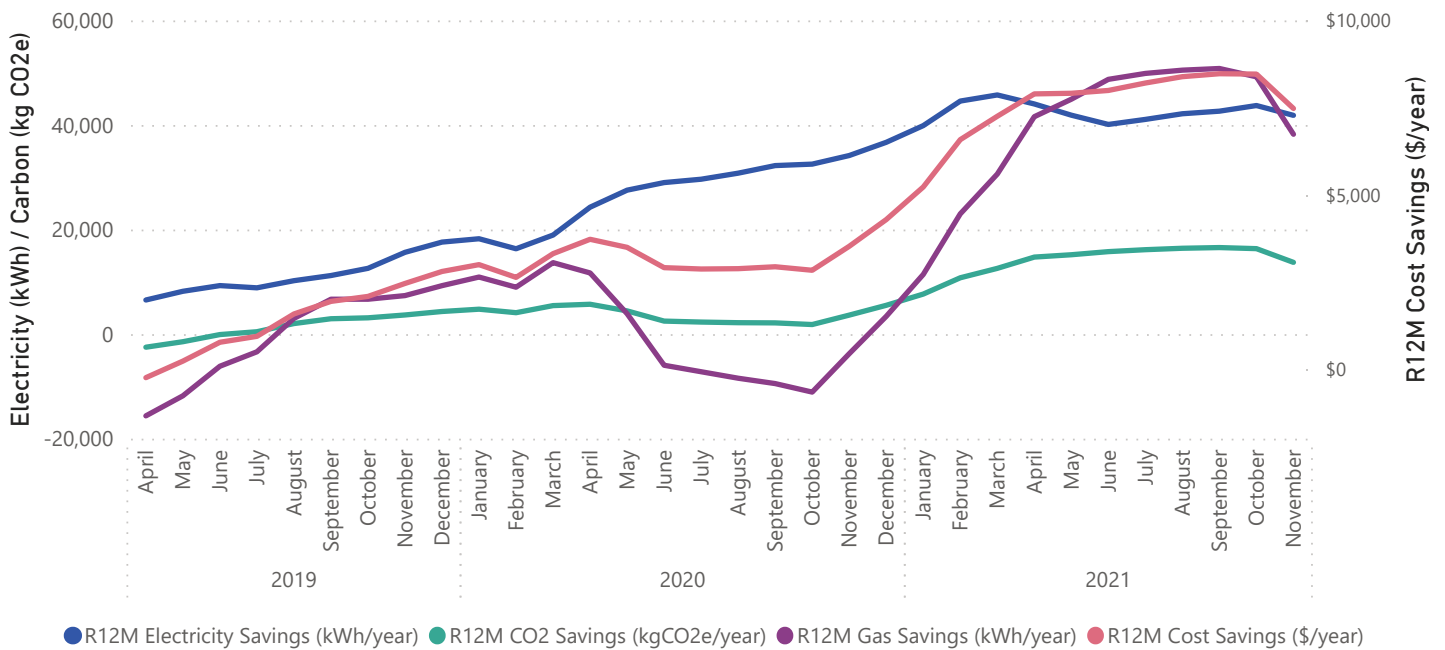
Whakatane District Council

Te Koputu Library

Te Koputu Library Energy Use Index by Month Compared to Rolling 12-Month Values



Te Koputu Library Cumulative Rolling 12 Month Savings



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



Whakatane District Council Museum and Research Centre

\$428 Monthly Energy Cost Savings	1,782 Elec. Savings (kWh/mo)	18% Elec. Savings (%)	21,878 R12M Electricity Savings (kWh/yr)	967 CO2e Savings (kg/mo)
\$4,430 R12M Energy Cost Savings	3,403 Gas. Savings (kWh/mo)	56% Gas. Savings (%)	26,624 R12M Gas Savings (kWh/yr)	8,588 R12M CO2e Savings (kg/yr)

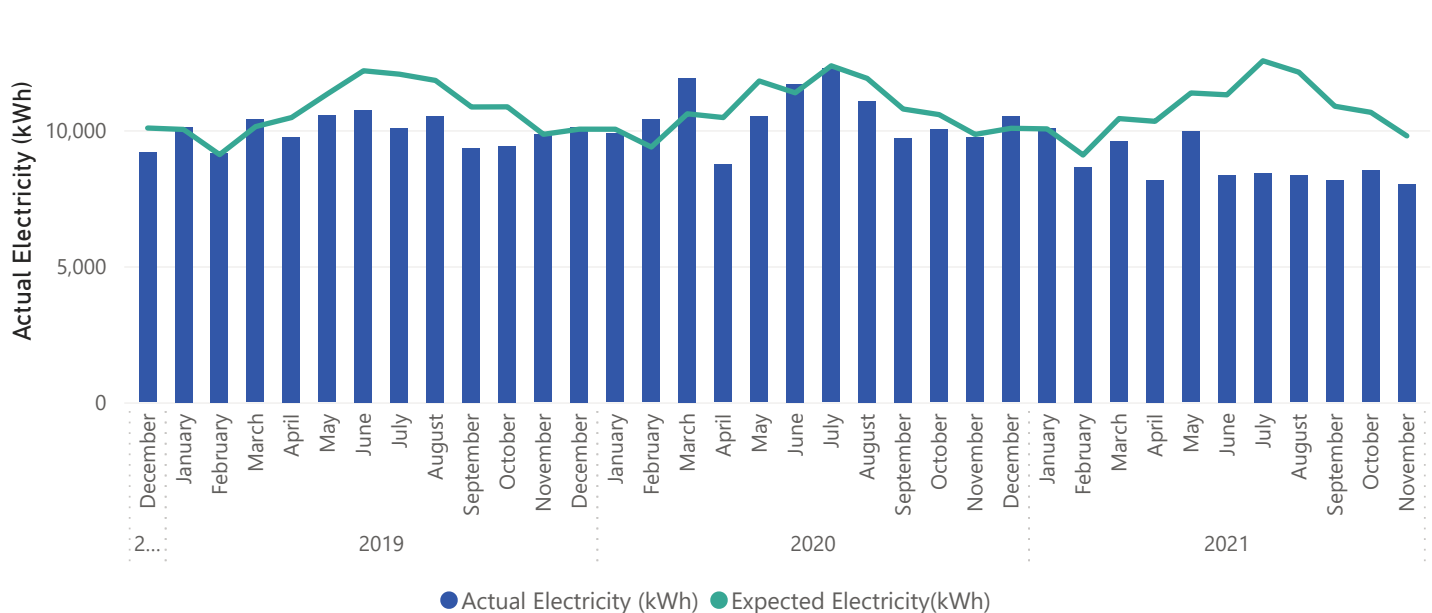
Comments:

Electricity use in November 2021 compared to November 2020 is 18% lower and gas use was 61% lower for the same period. The EUI continues to drop for the Museum and Research Centre, which is good.

Some of these savings reflect the recent work on the HVAC system, operation of the air handling unit has been changed as well as modifying timing on air conditioning. Some of the savings in August and September 2021 are likely attributed to the Museum and Research Centre being closed to public during alert level 3.

Rolling 12 month savings have increased this month.

Museum Research Centre Electricity Use Compared to Baseline (kWh)

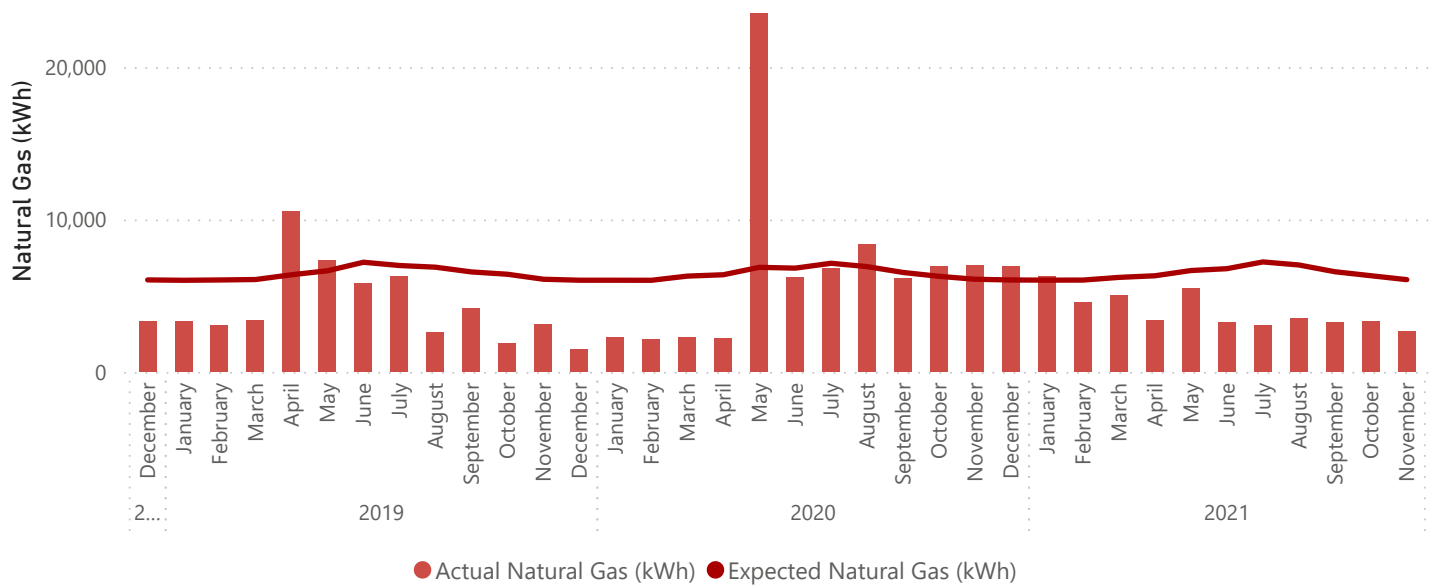


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

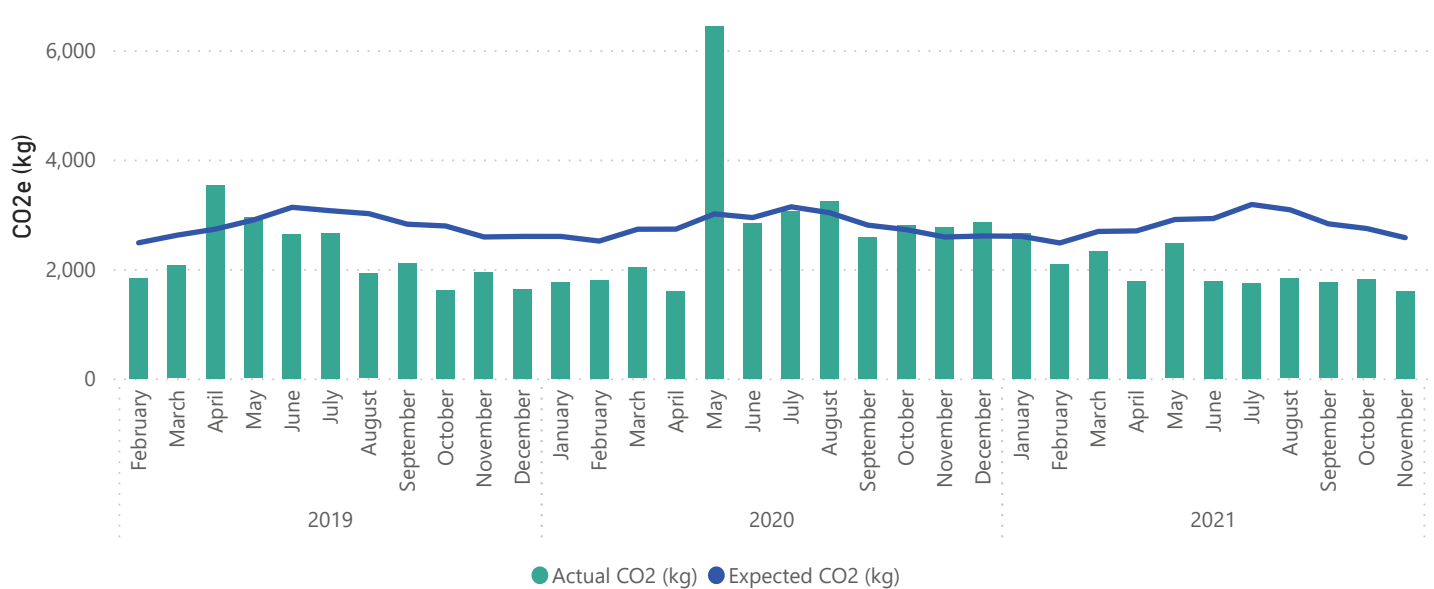
Whakatane District Council

Museum and Research Centre

Museum Research Centre Natural Gas Compared to Baseline (kWh)



Museum Research Centre Carbon Emissions Compared to Baseline (kg CO2e)

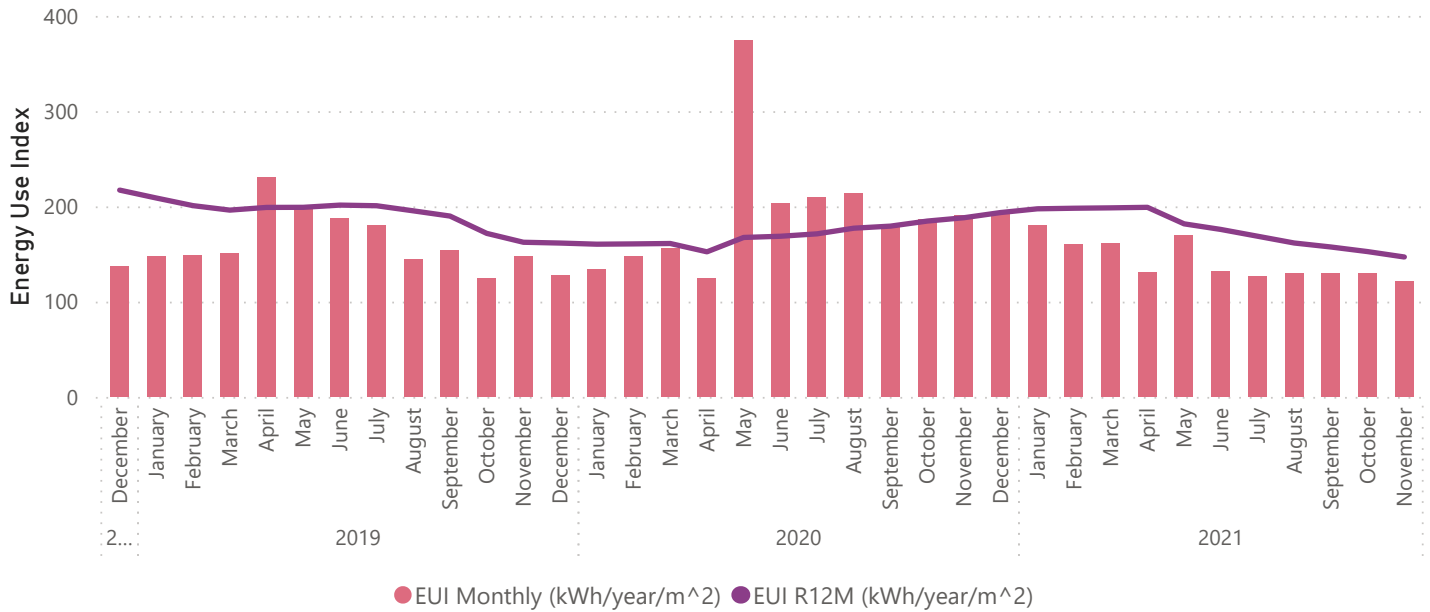


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

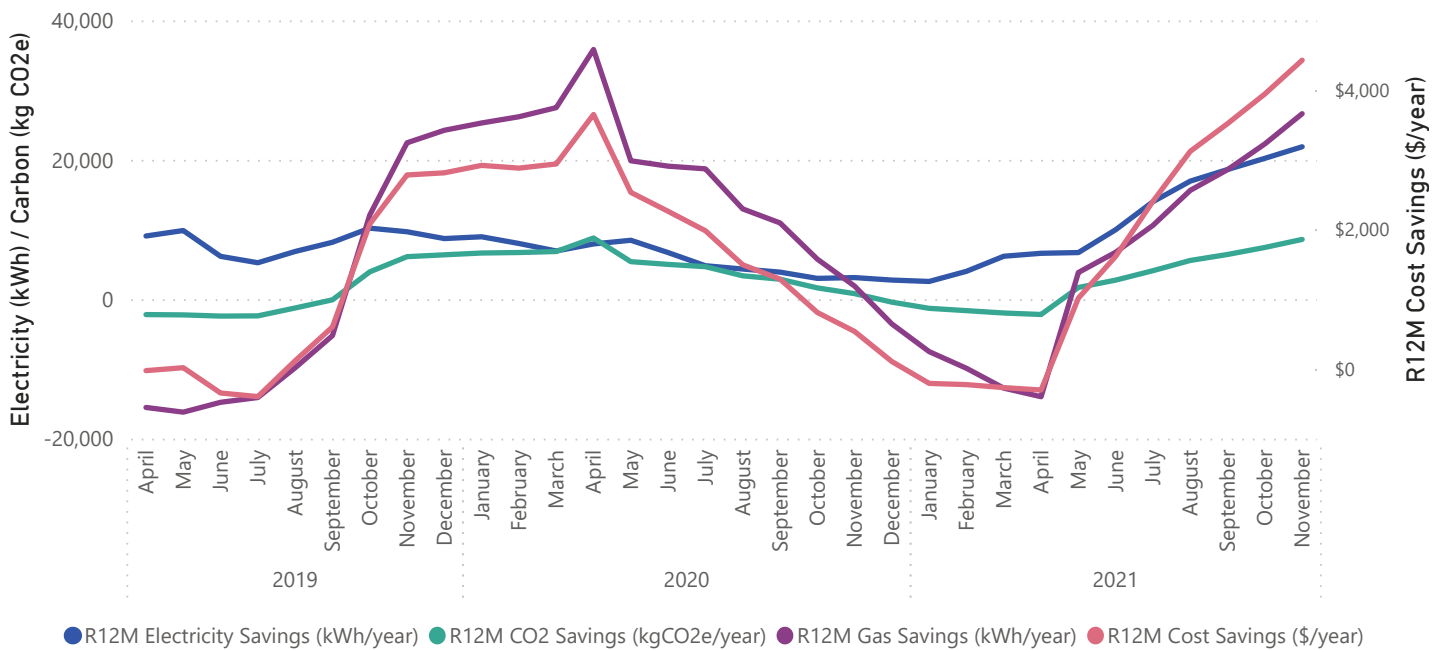
Whakatane District Council

Museum and Research Centre

Museum Research Centre Energy Use Index by Month Compared to Rolling 12-Month Values



Museum Research Centre Cumulative Rolling 12 Month Savings



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

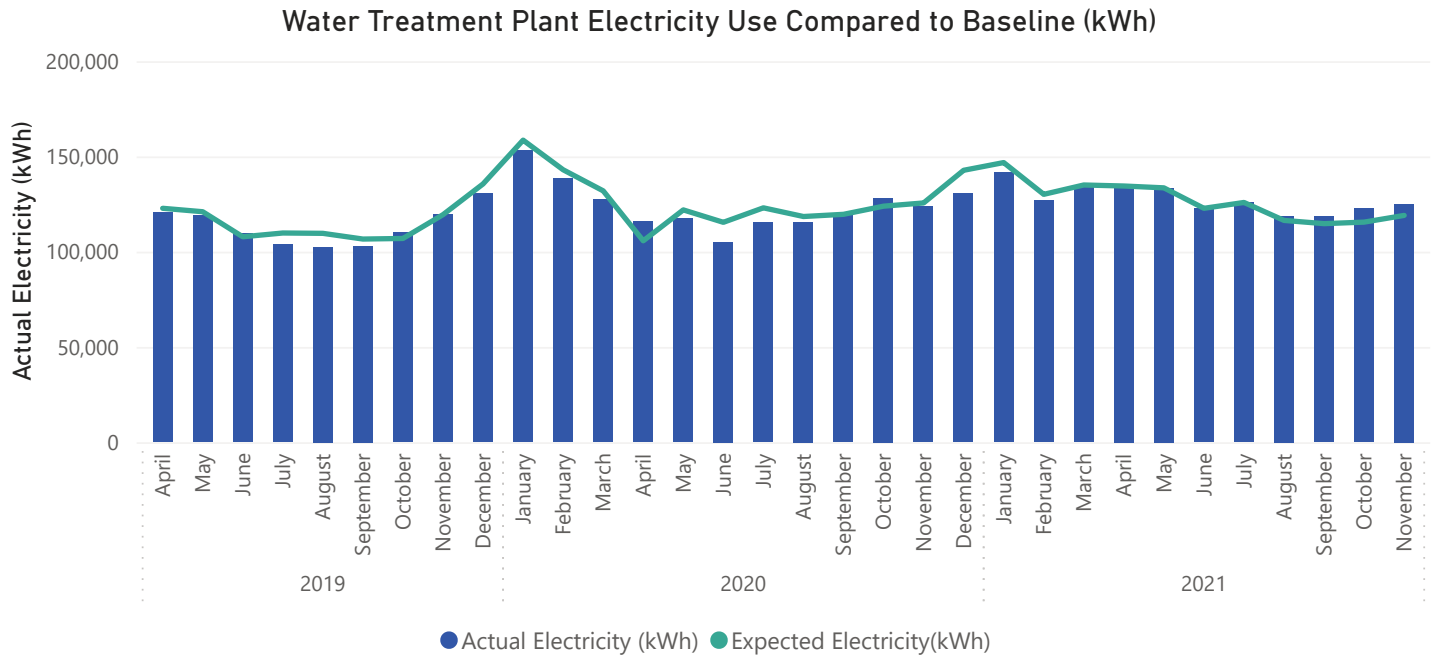
Whakatane District Council

Water Treatment Plant

<p>-\$586</p> <p>Monthly Energy Cost Savings</p>	<p>-6,010</p> <p>Elec. Savings (kWh/mo)</p>	<p>-5%</p> <p>Elec. Savings (%)</p>	<p>2,673</p> <p>R12M Electricity Savings (kWh/yr)</p>	<p>-773</p> <p>CO2e Savings (kg/mo)</p>
<p>\$321</p> <p>R12M Energy Cost Savings</p>				<p>344</p> <p>R12M CO2e Savings (kg/yr)</p>

Comments:

Electricity use in November 2021 is greater than expected. This is the fourth month in a row that electricity use has been greater than baseline. EUI has increased from July 2021, when electricity use increased above the baseline.

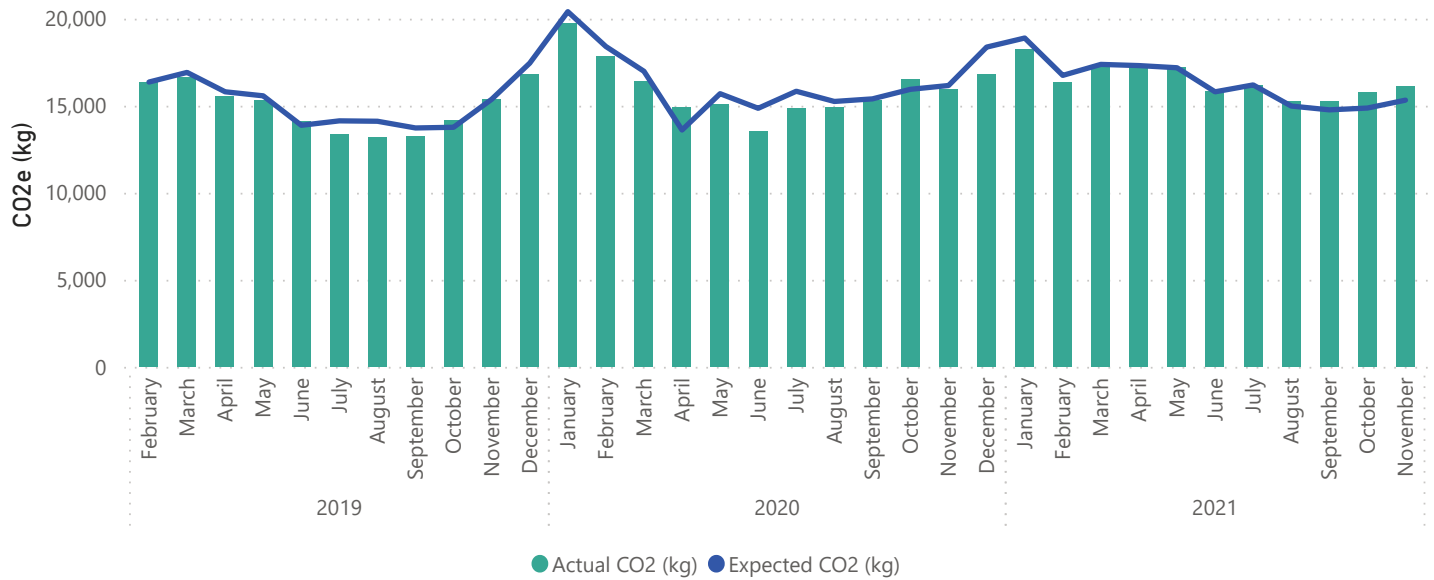


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

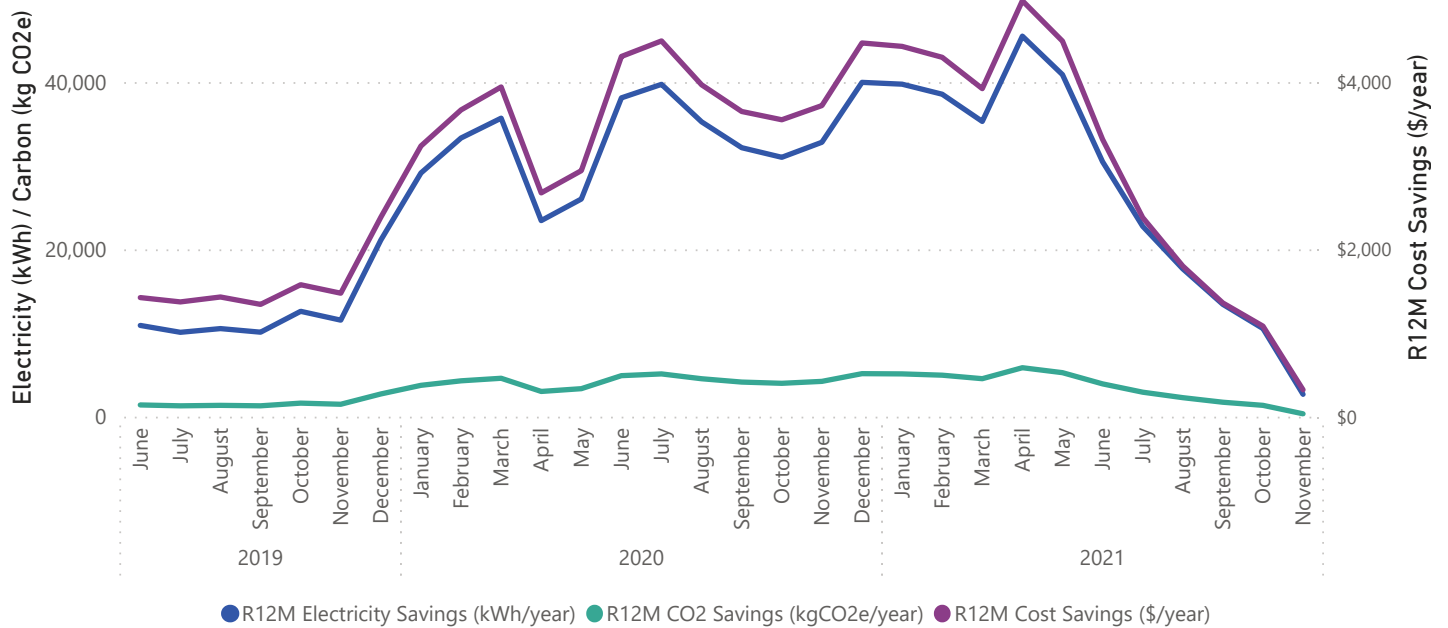
Whakatane District Council

Water Treatment Plant

Water Treatment Plant Carbon Emissions Compared to Baseline (kg CO2e)



Water Treatment Plant Cumulative Rolling 12 Month Savings

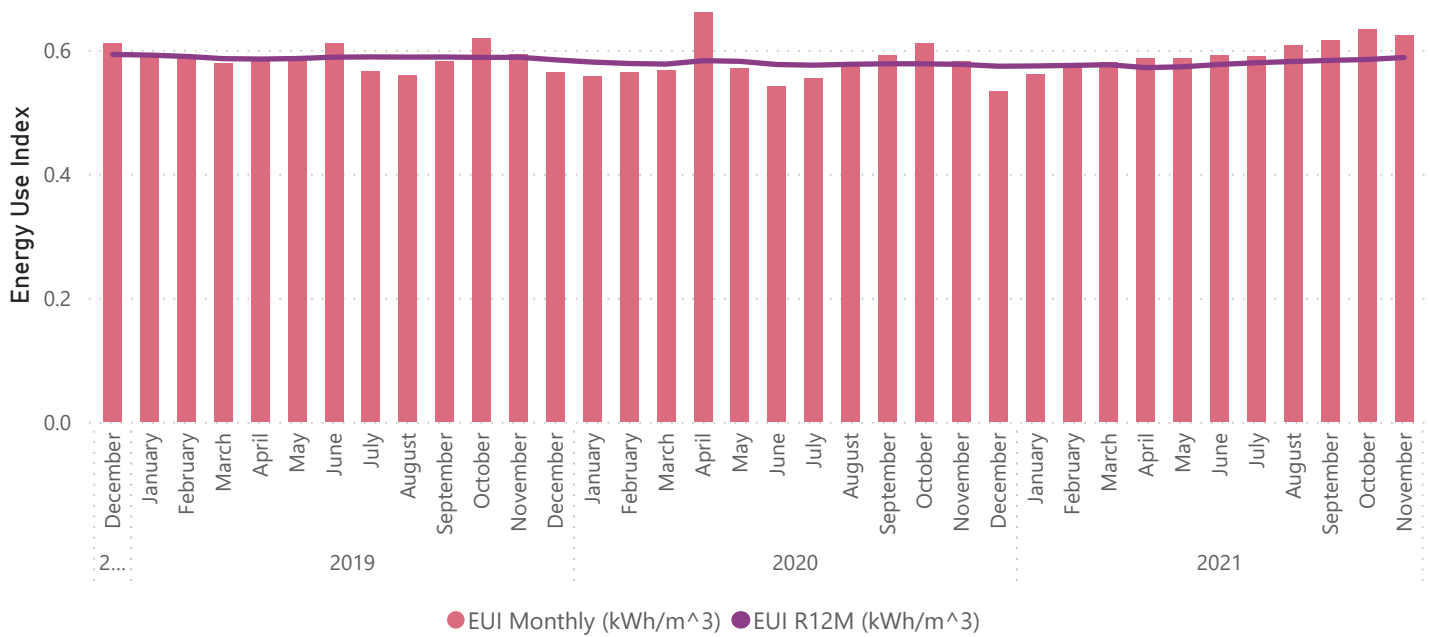


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Water Treatment Plant

Water Treatment Plant Energy Use Index by Month Compared to Rolling 12-Month Values



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



Whakatane District Council

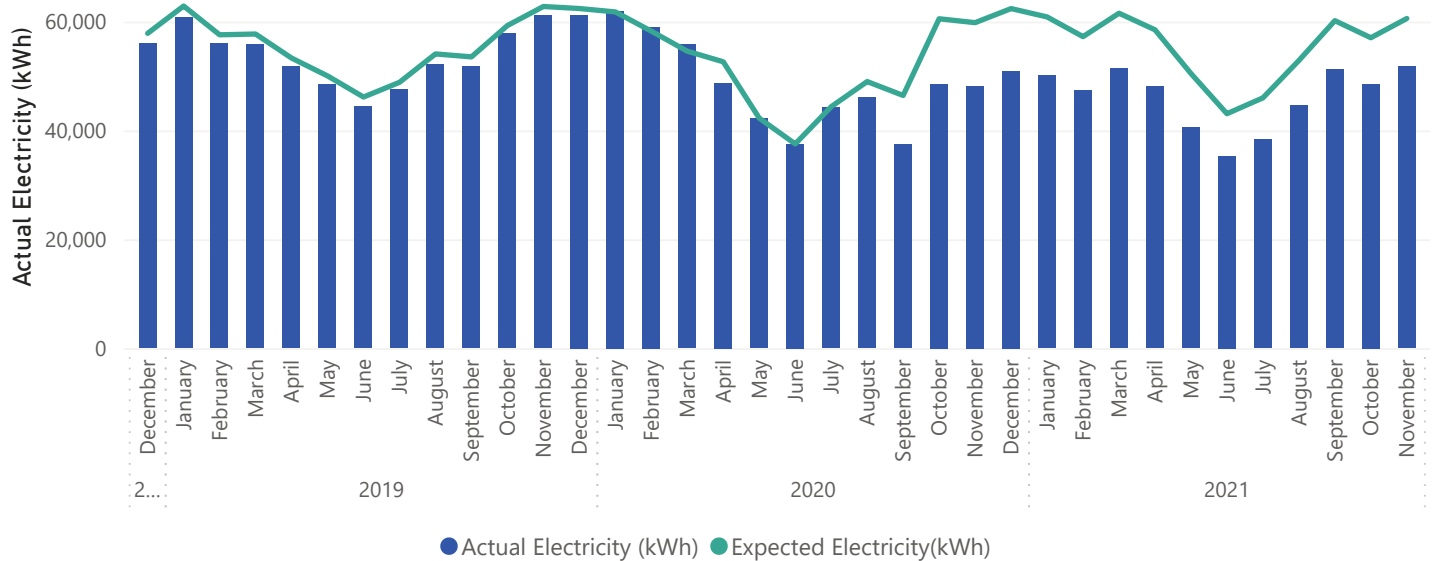
Braemar Road Pump Station

<p>\$875 Monthly Energy Cost Savings</p>	<p>8,775 Elec. Savings (kWh/mo)</p>	<p>14% Elec. Savings (%)</p>	<p>112,446 R12M Electricity Savings (kWh/yr)</p>	<p>1,146 CO2e Savings (kg/mo)</p>
<p>\$12,220 R12M Energy Cost Savings</p>				<p>15,020 R12M CO2e Savings (kg/yr)</p>

Comments:

Continued savings from high efficiency pumps and motors, installed September 2020. Rolling 12 month savings are approximately \$12,200 per year and 112,000 kWh per year. November 2021's EUI has increased by approximately 6% compared to November 2020, when the pumps were operating most efficiently.

Braemar Rd Pumps Electricity Use Compared to Baseline (kWh)

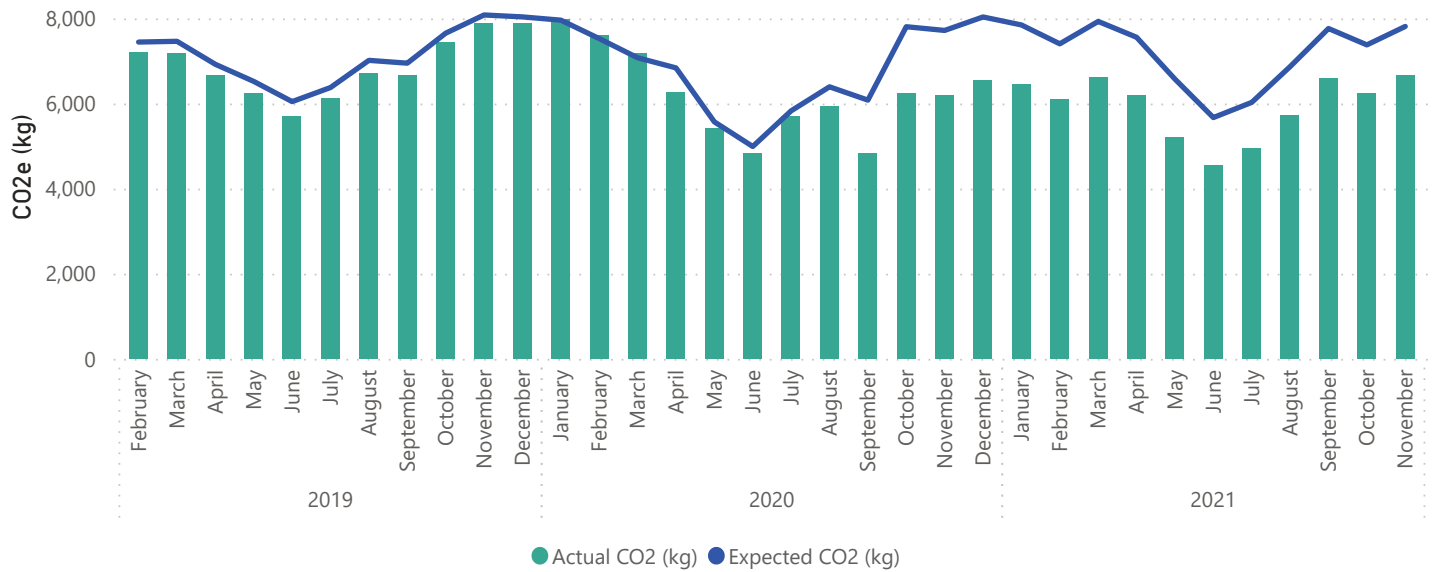


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

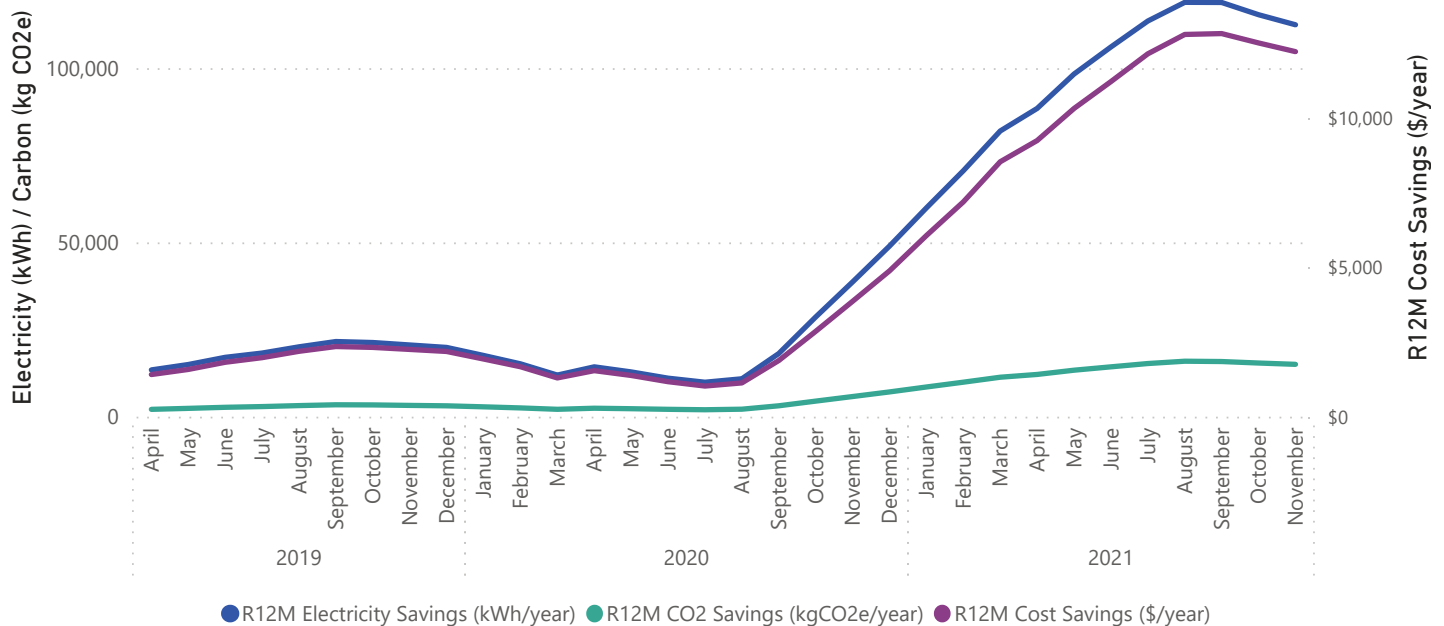
Whakatane District Council

Braemar Road Pump Station

Braemar Rd Pumps Carbon Emissions Compared to Baseline (kg CO2e)



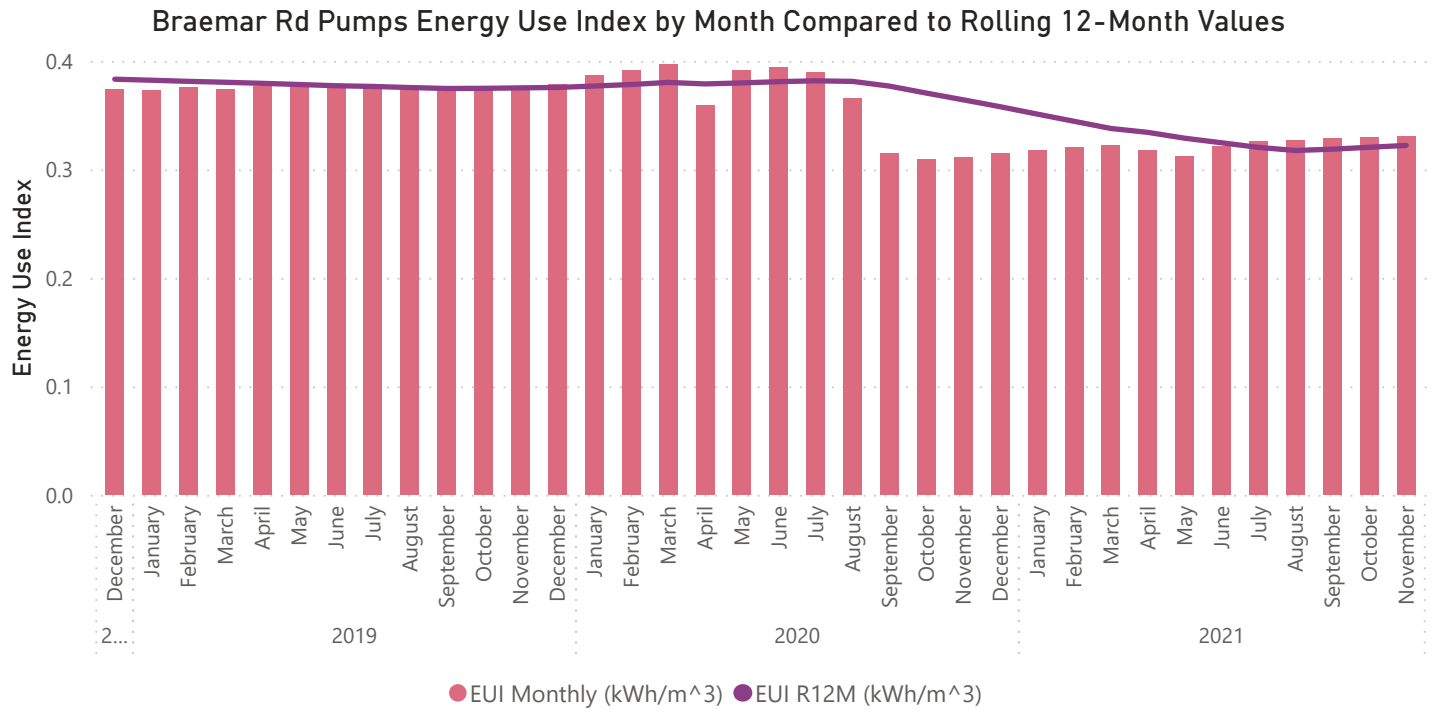
Braemar Rd Pumps Cumulative Rolling 12 Month Savings



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Braemar Road Pump Station



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



Whakatane District Council

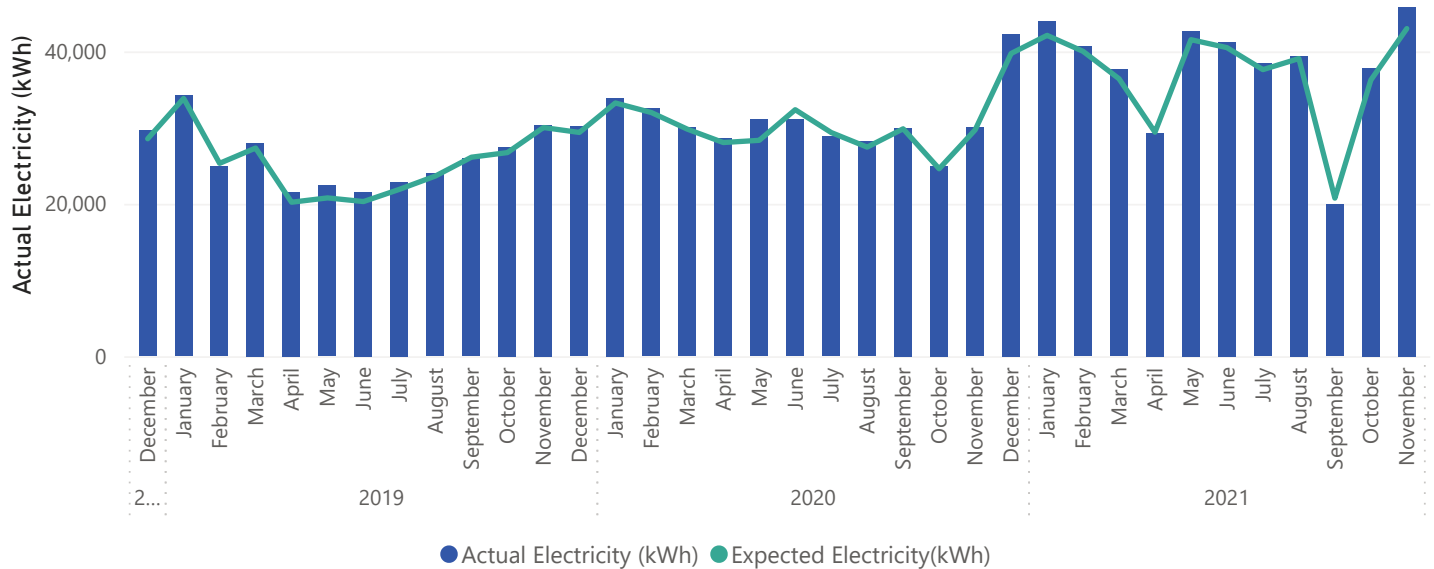
Paul Road Pump Station

<p>-\$283 Monthly Energy Cost Savings</p>	<p>-2,826 Elec. Savings (kWh/mo)</p>	<p>-7% Elec. Savings (%)</p>	<p>-12,698 R12M Electricity Savings (kWh/yr)</p>	<p>-363 CO2e Savings (kg/mo)</p>
<p>-\$1,323 R12M Energy Cost Savings</p>				<p>-1,624 R12M CO2e Savings (kg/yr)</p>

Comments:

Demand has increased for the third month in a row. High demand in November and electricity use that is more than expected may indicate that the pump is operating outside its best efficiency point.

Paul Rd Pumps Electricity Use Compared to Baseline (kWh)

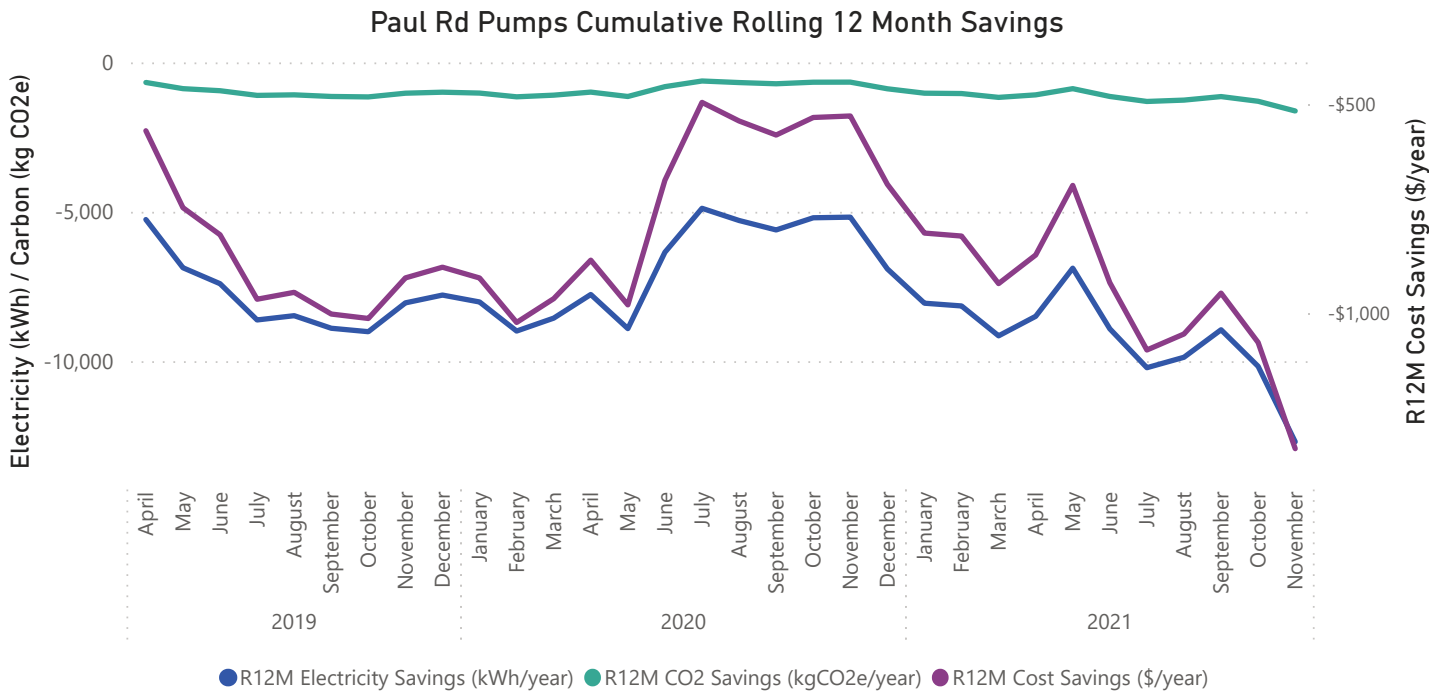
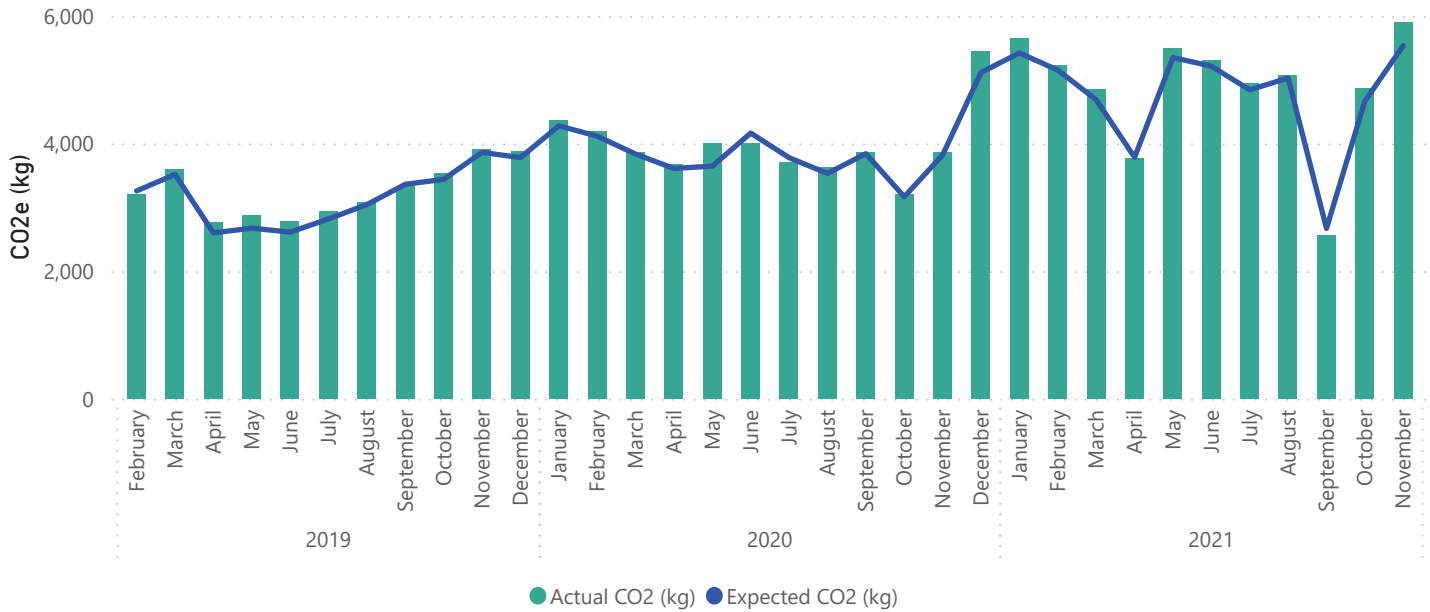


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Paul Road Pump Station

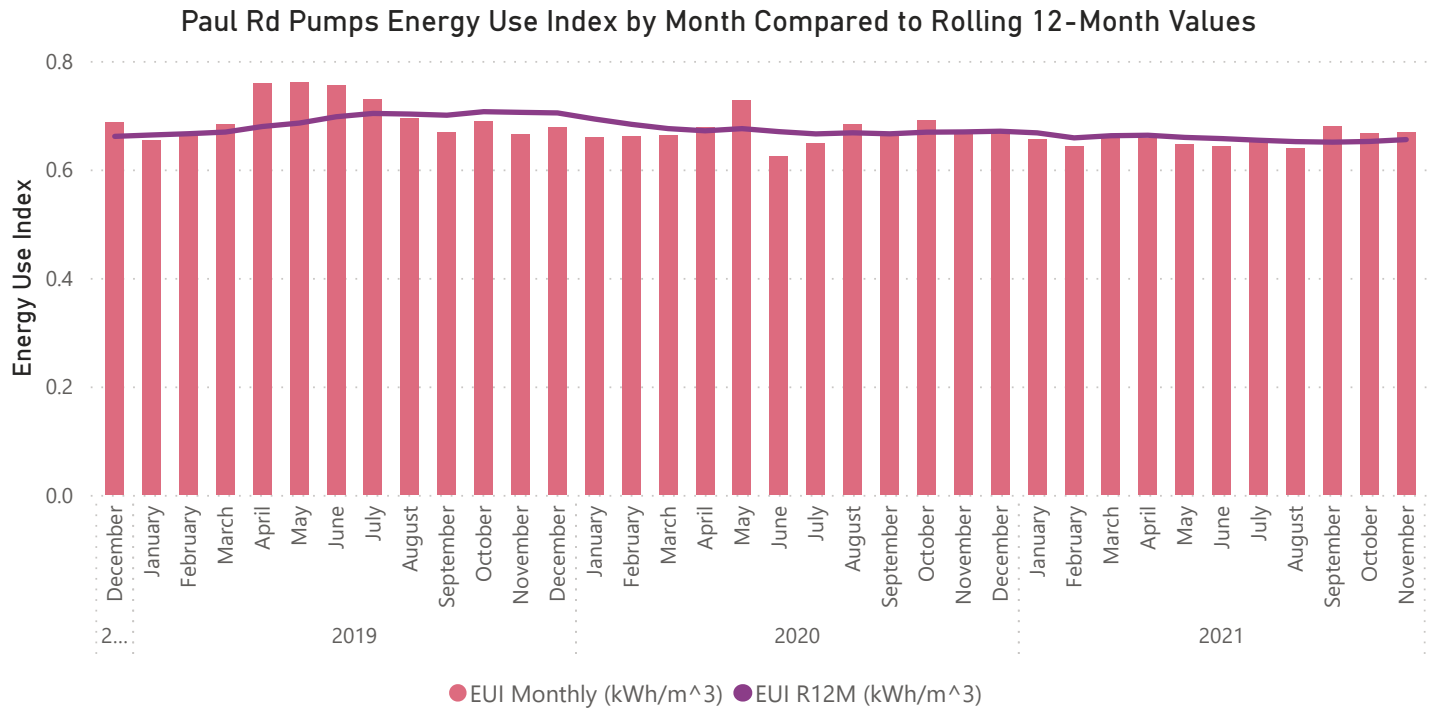
Paul Rd Pumps Carbon Emissions Compared to Baseline (kg CO2e)



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Paul Road Pump Station



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



Whakatane District Council

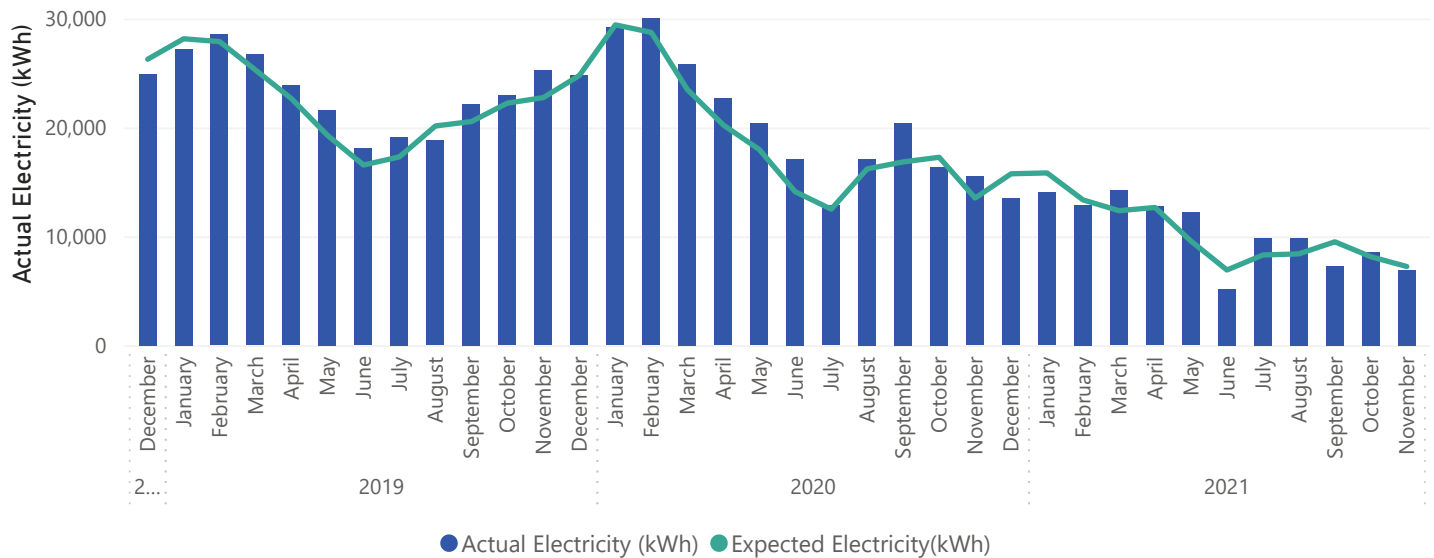
Johnson Road Pump Station

<p>\$67 Monthly Energy Cost Savings</p>	<p>305 Elec. Savings (kWh/mo)</p>	<p>4% Elec. Savings (%)</p>	<p>723 R12M Electricity Savings (kWh/yr)</p>	<p>39 CO2e Savings (kg/mo)</p>
<p>\$152 R12M Energy Cost Savings</p>				<p>98 R12M CO2e Savings (kg/yr)</p>

Comments:

The rolling 12-month EUI for Johnson Road Pump Station has increased over the past year as demand decreases. This is expected as the pump station has a non-zero baseload.

Johnson Rd Pumps Electricity Use Compared to Baseline (kWh)

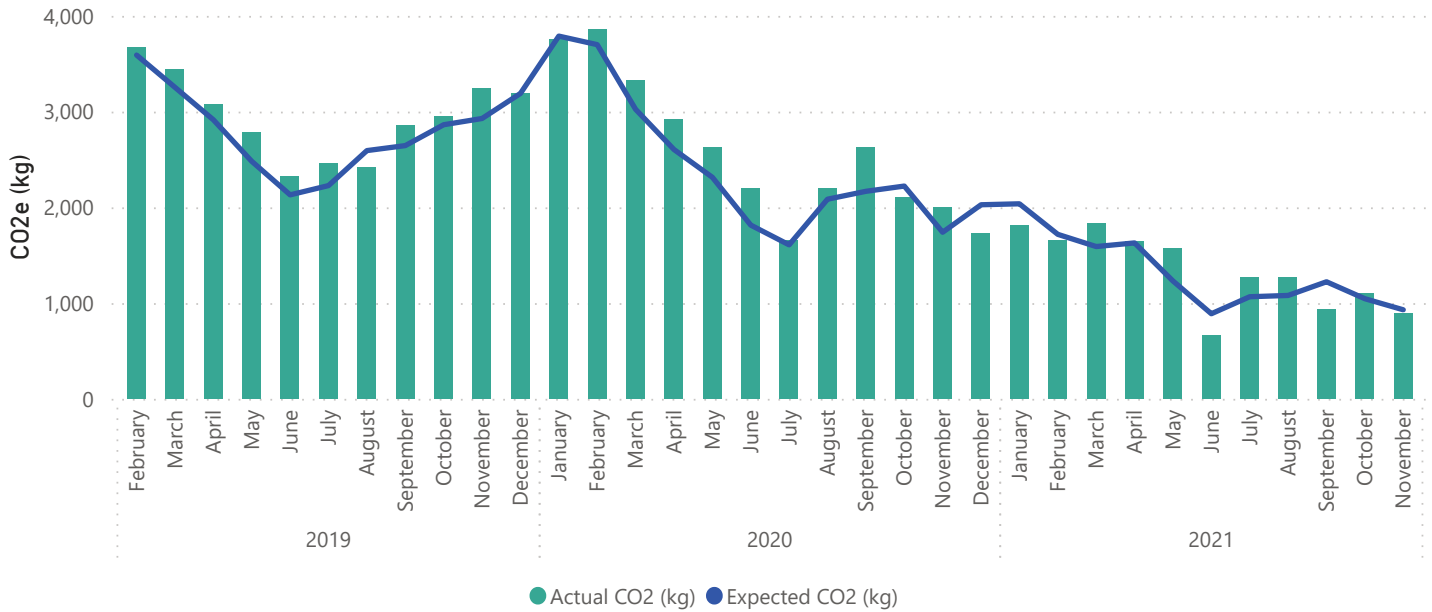


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

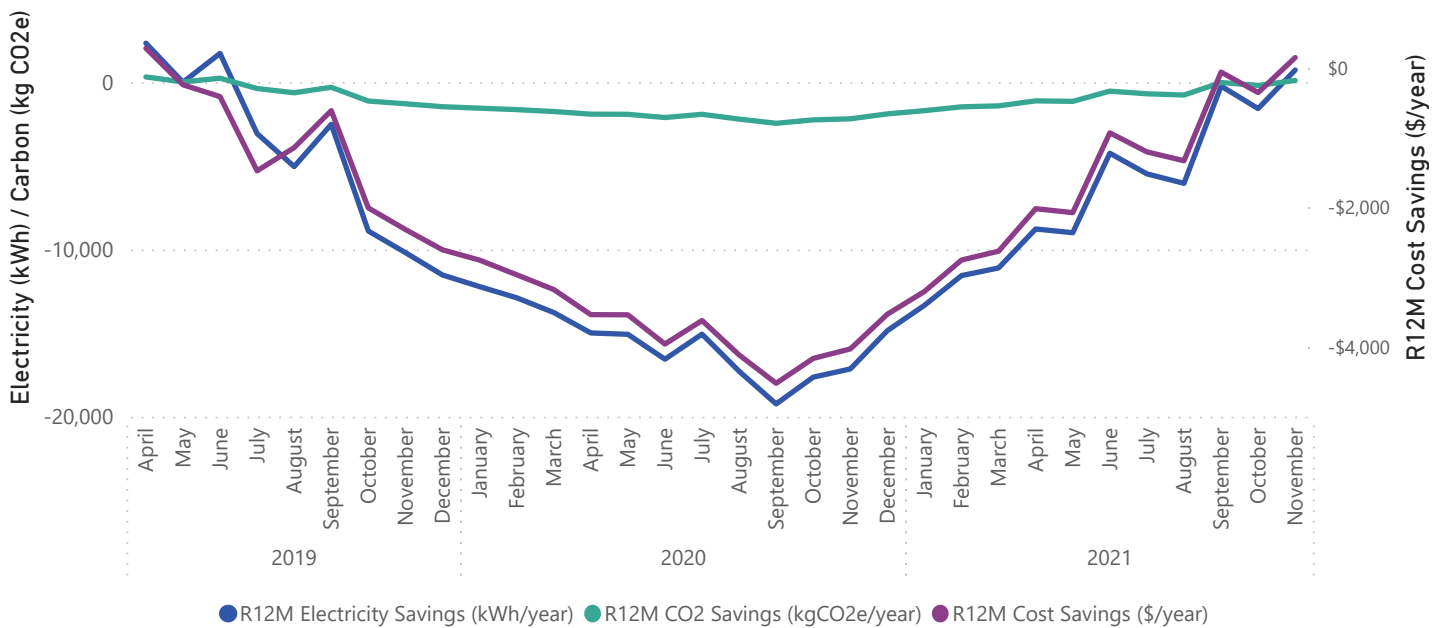
Whakatane District Council

Johnson Road Pump Station

Johnson Rd Pumps Carbon Emissions Compared to Baseline (kg CO₂e)



Johnson Rd Pumps Cumulative Rolling 12 Month Savings

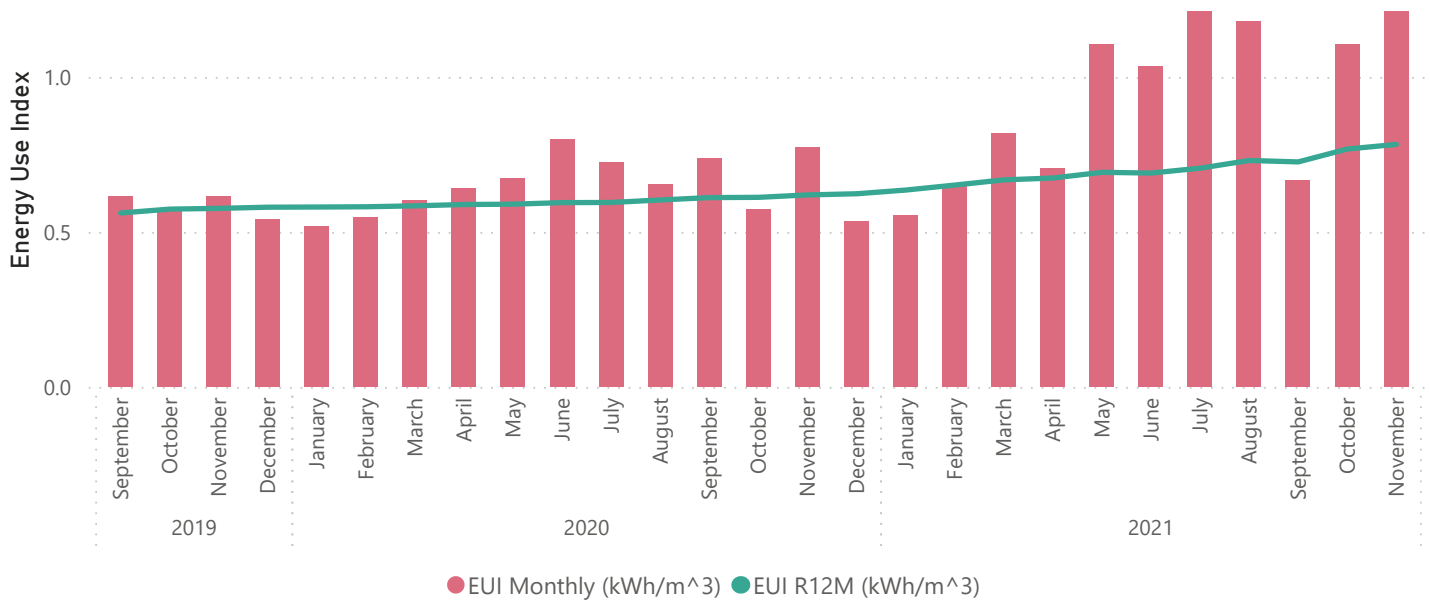


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Johnson Road Pump Station

Johnson Rd Pumps Energy Use Index by Month Compared to Rolling 12-Month Values



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

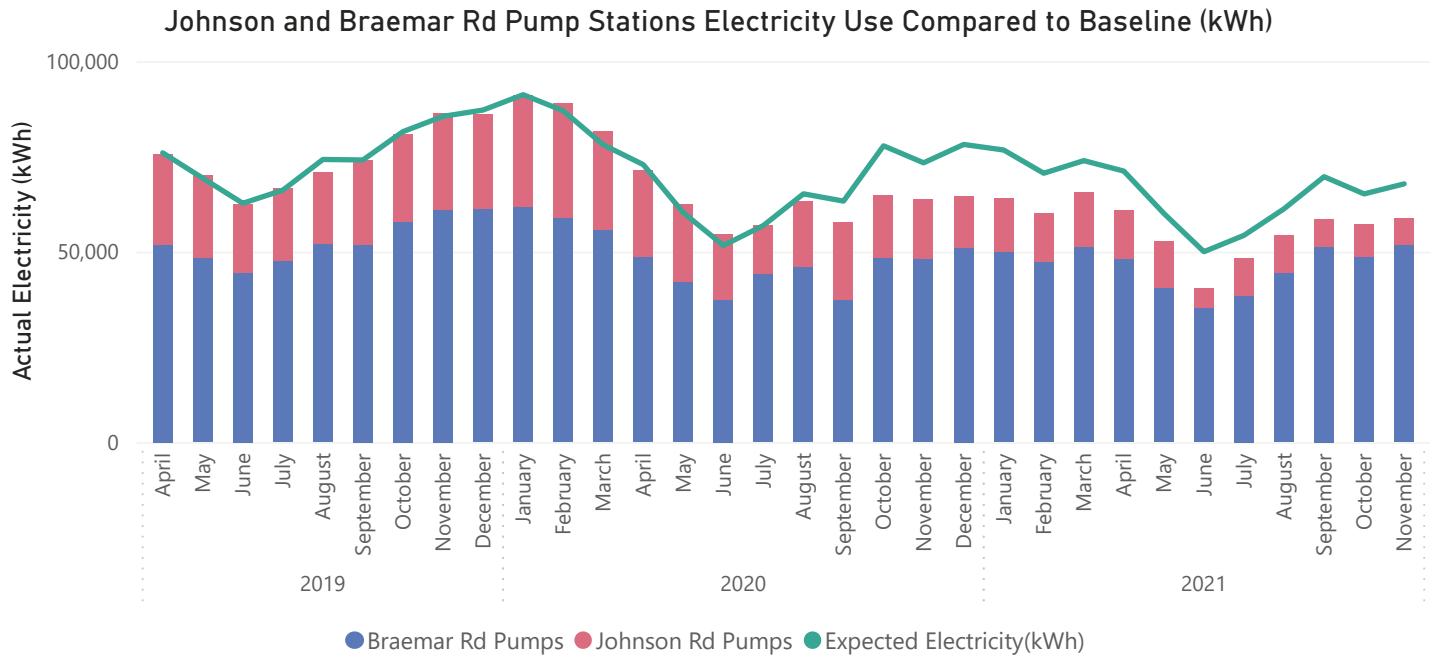
Whakatane District Council

Johnson and Braemar Rd Pump Stations

<p>\$942 Monthly Energy Cost Savings</p>	<p>9,081 Elec. Savings (kWh/mo)</p>	<p>13% Elec. Savings (%)</p>	<p>113,169 R12M Electricity Savings (kWh/yr)</p>	<p>1,185 CO2e Savings (kg/mo)</p>
<p>\$12,372 R12M Energy Cost Savings</p>				<p>15,117 R12M CO2e Savings (kg/yr)</p>

Comments:

It is clear from the combined monitoring how the new, more efficient pumps (installed September 2020) at Braemar Road greatly contribute to the collective savings. On an EUI basis, even before the more efficient pumps were installed, Braemar Road was pumping water more efficiently than Johnson Rd.

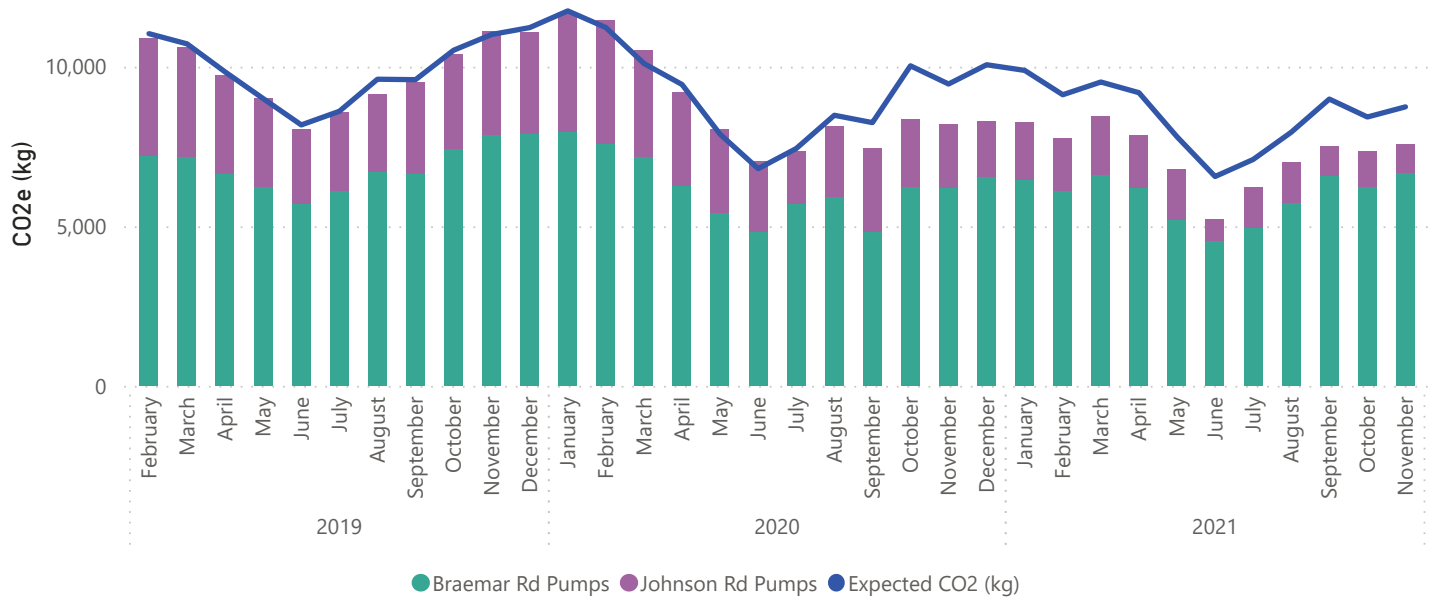


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

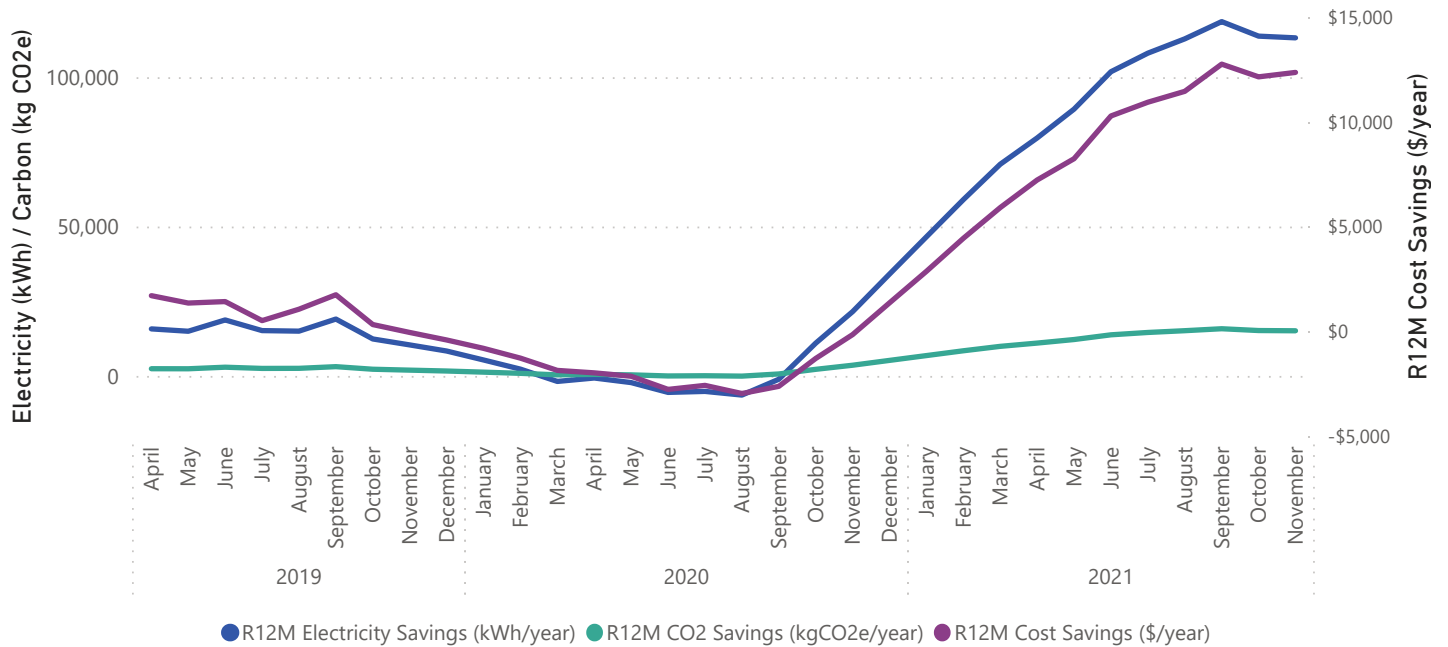
Whakatane District Council

Johnson and Braemar Rd Pump Stations

Johnson and Braemar Rd Pump Stations Carbon Emissions Compared to Baseline (kWh)



Johnson and Braemar Rd Pump Stations Cumulative Rolling 12 Month Savings

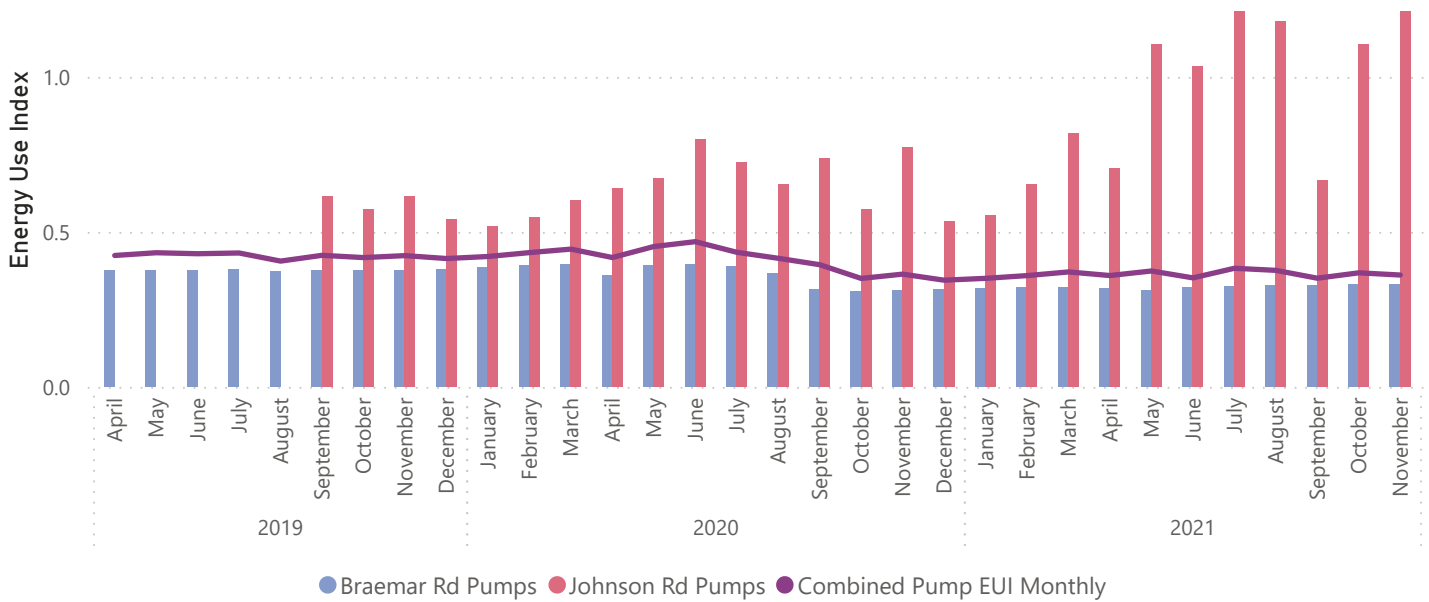


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Johnson and Braemar Rd Pump Stations

Johnson and Braemar Rd Pump Stations Energy Use Index by Month



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



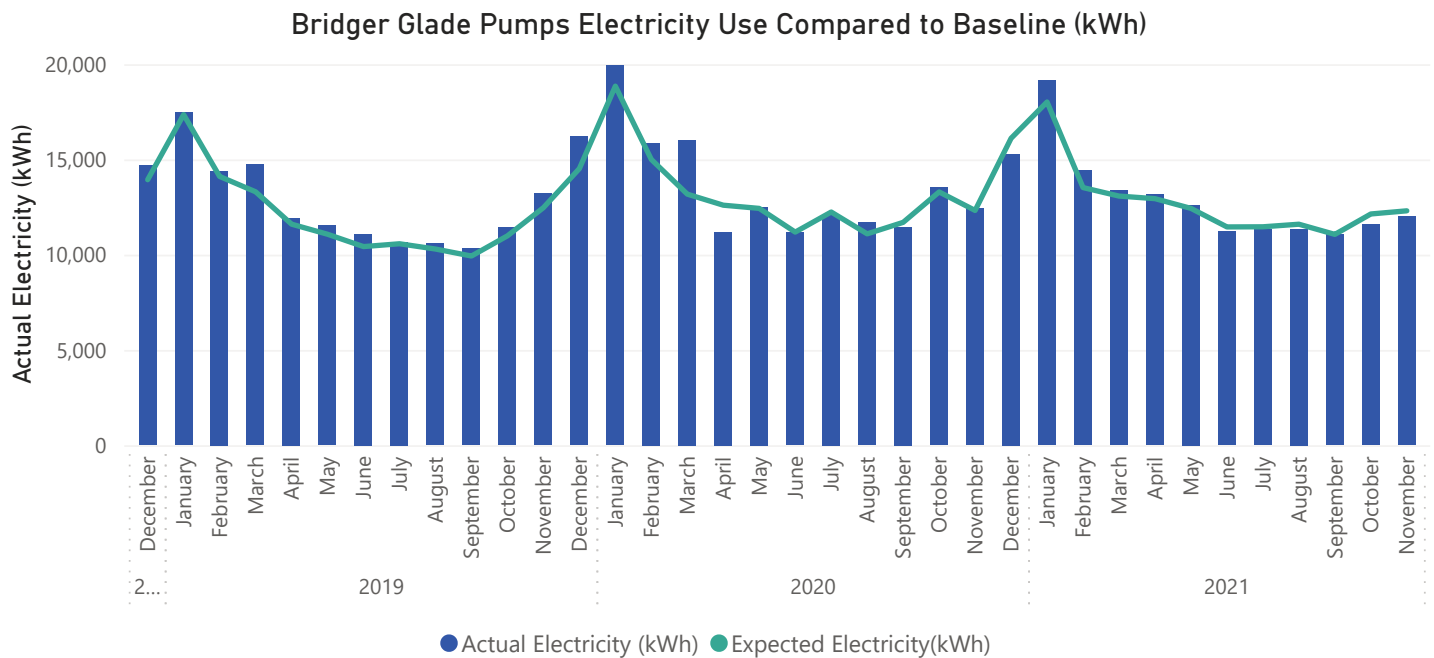
Whakatane District Council Bridger Glade Pump Station

\$56 Monthly Energy Cost Savings	303 Elec. Savings (kWh/mo)	2% Elec. Savings (%)	-408 R12M Electricity Savings (kWh/yr)	39 CO2e Savings (kg/mo)
-\$68 R12M Energy Cost Savings				-52 R12M CO2e Savings (kg/yr)

Comments:

Electricity use was less than baseline for the month of November 2021 at Bridger Glade pump station.

In November 2021 the volume of water pumped was similar and electricity was 3% less compared to November 2020.

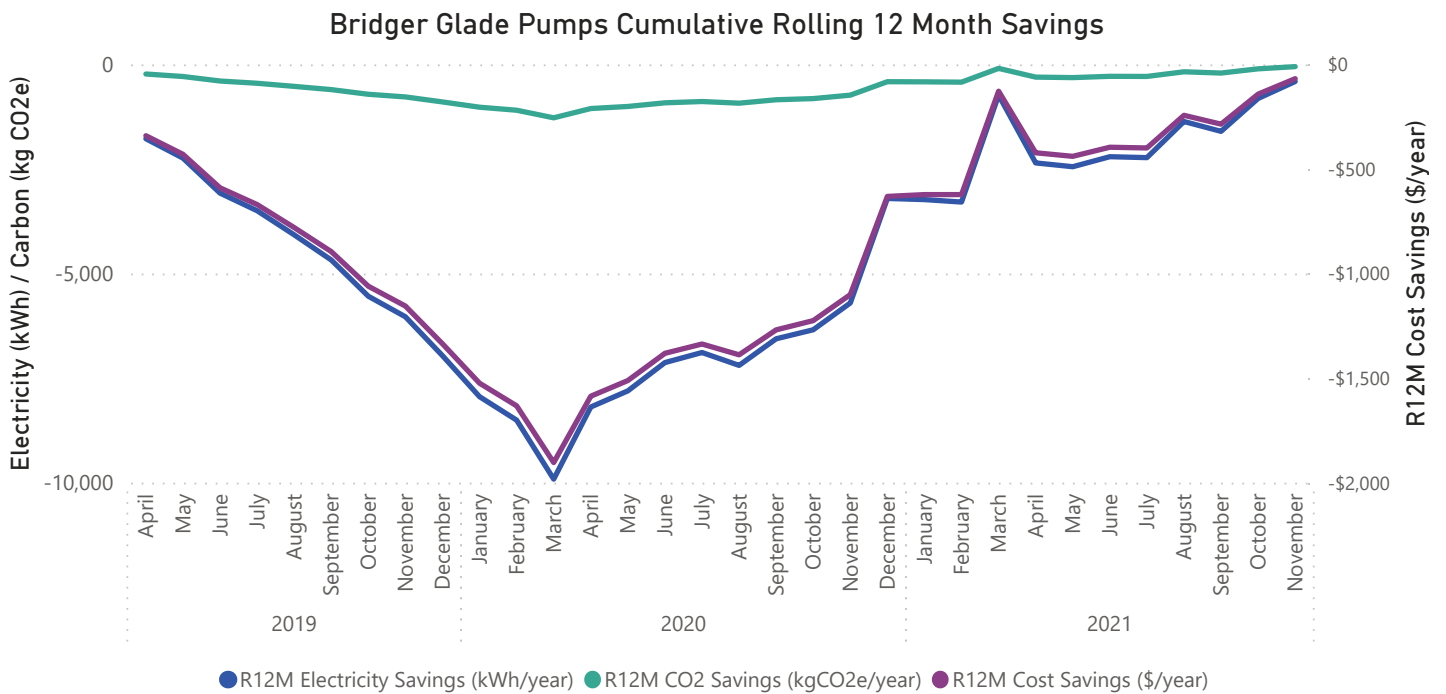
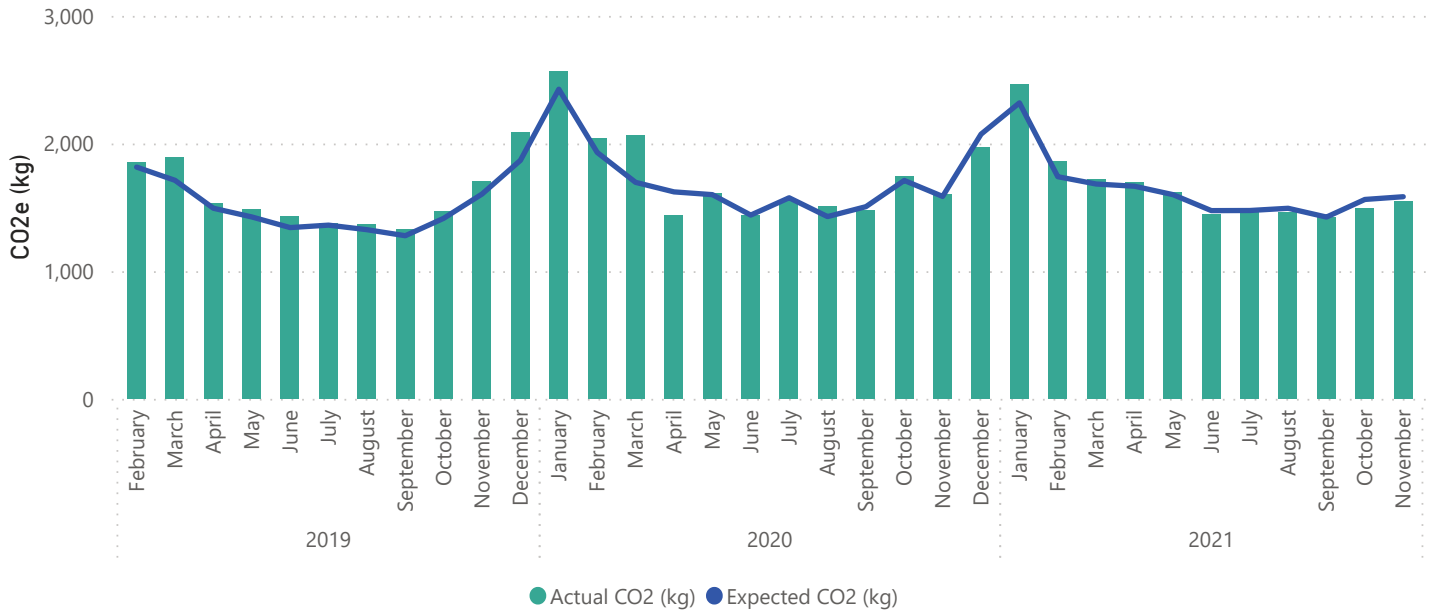


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Bridger Glade Pump Station

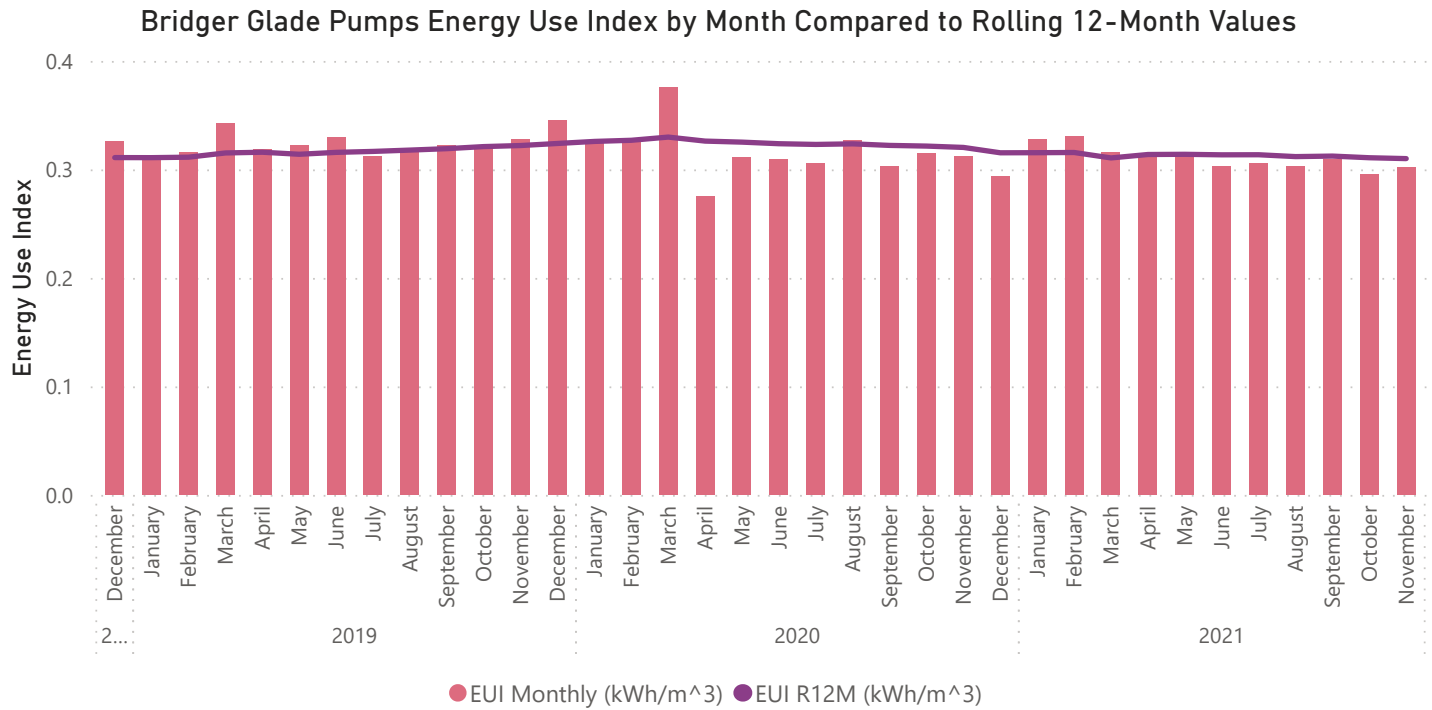
Bridger Glade Pumps Carbon Emissions Compared to Baseline (kg CO₂e)



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Bridger Glade Pump Station



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

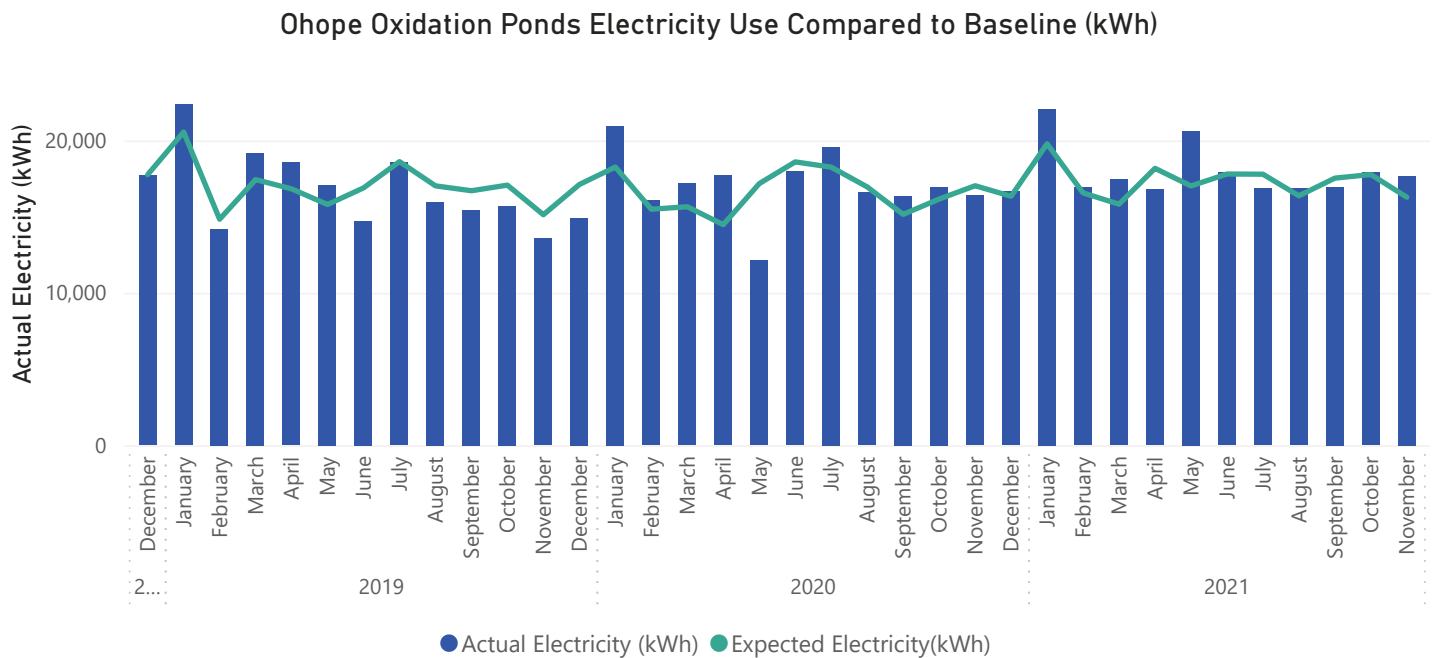


Whakatane District Council

Ohope Oxidation Ponds

<p>-\$251 Monthly Energy Cost Savings</p>	<p>-1,400 Elec. Savings (kWh/mo)</p>	<p>-9% Elec. Savings (%)</p>	<p>-7,424 R12M Electricity Savings (kWh/yr)</p>	<p>-180 CO2e Savings (kg/mo)</p>
<p>-\$1,315 R12M Energy Cost Savings</p>				<p>-955 R12M CO2e Savings (kg/yr)</p>

Comments:

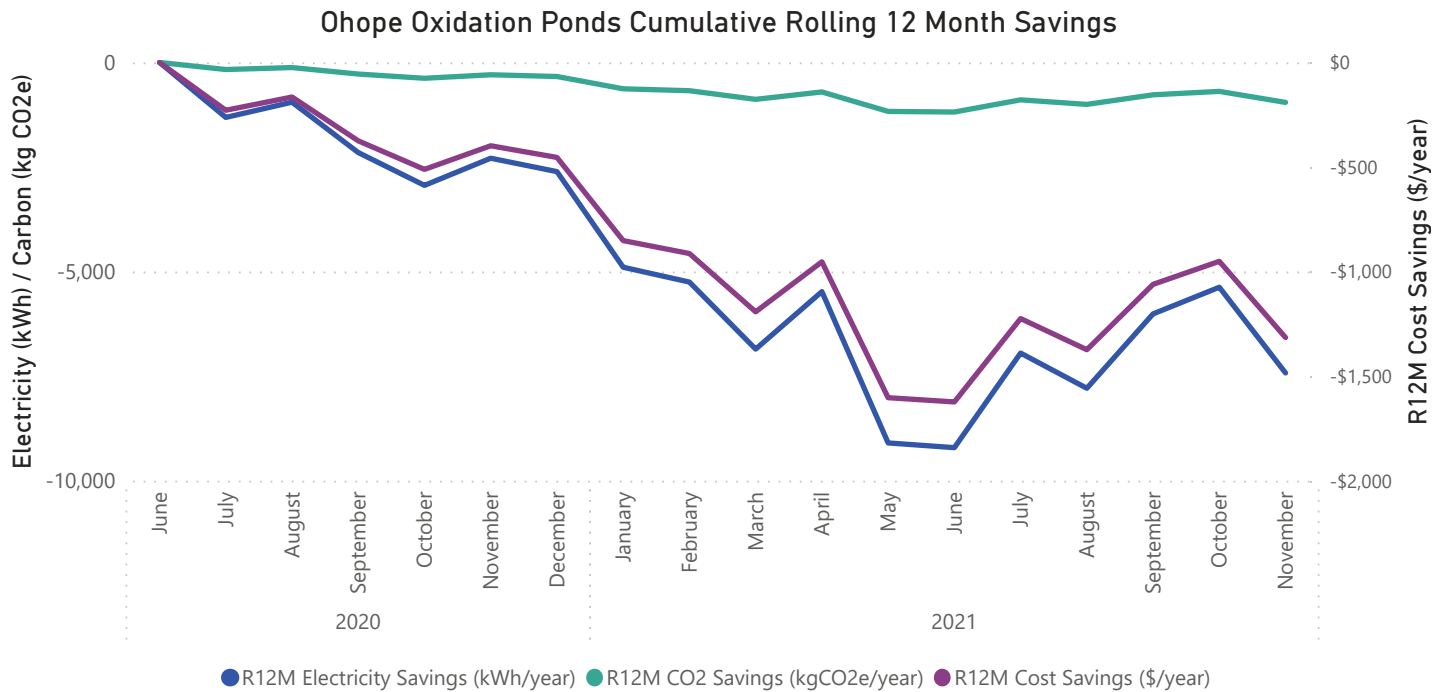
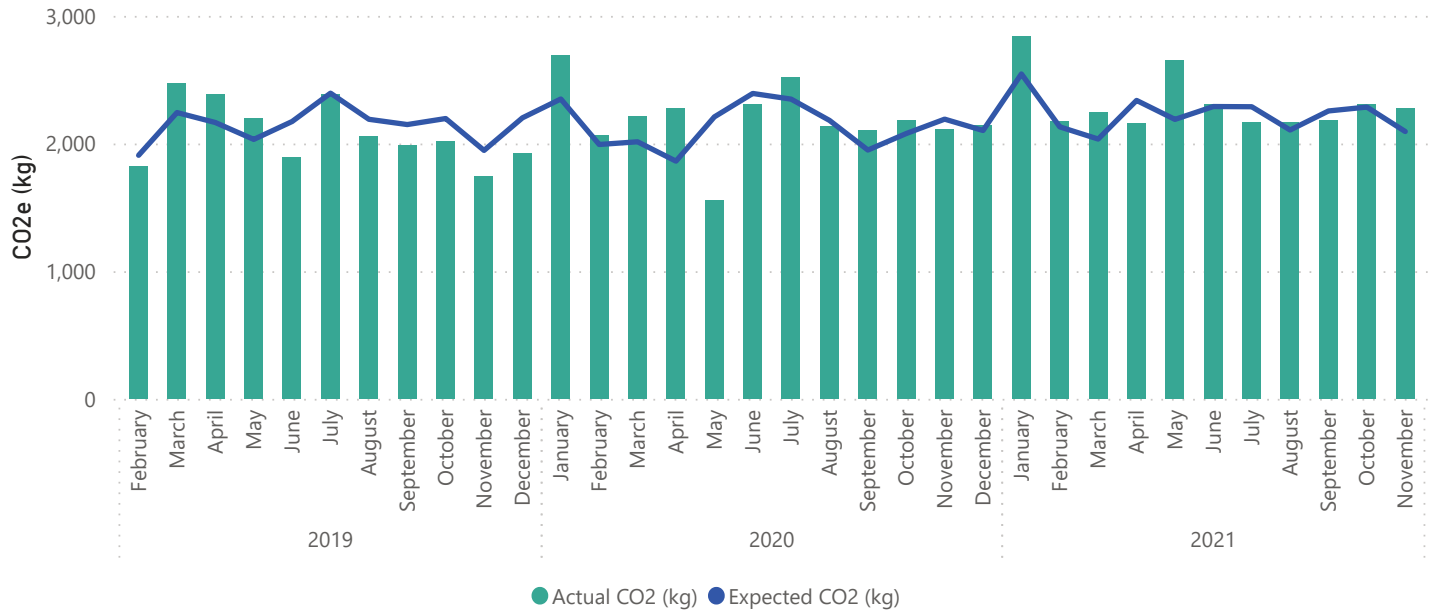


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Ohope Oxidation Ponds

Ohope Oxidation Ponds Carbon Emissions Compared to Baseline (kg CO2e)

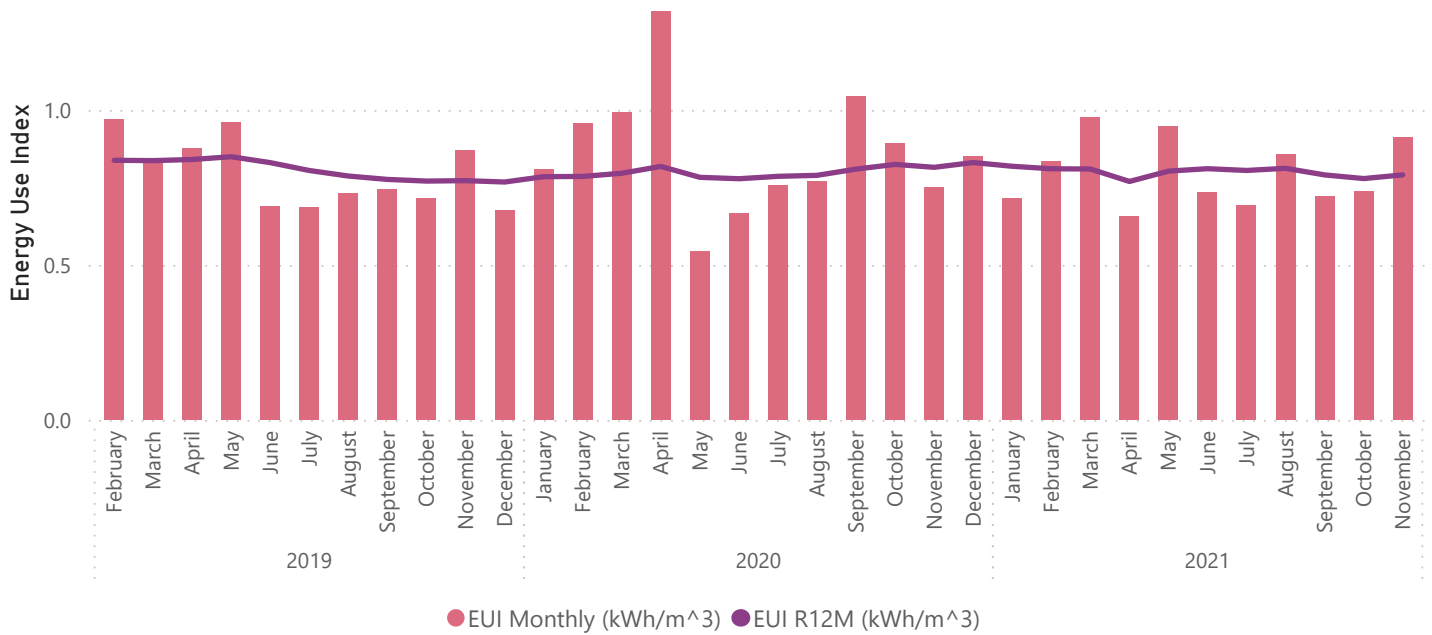


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Ohope Oxidation Ponds

Ohope Oxidation Ponds Energy Use Index by Month Compared to Rolling 12-Month Values



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



Whakatane District Council

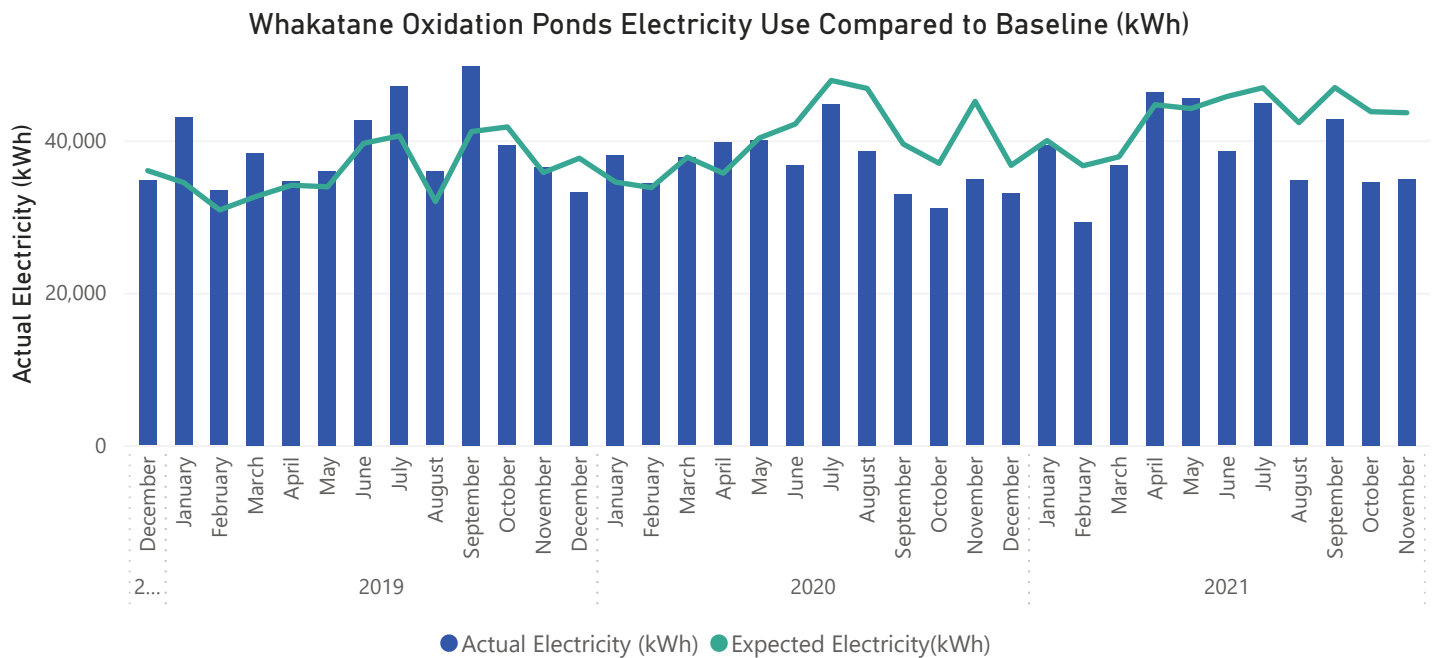
Whakatane Oxidation Ponds

<p>\$1,203 Monthly Energy Cost Savings</p>	<p>8,699 Elec. Savings (kWh/mo)</p>	<p>20% Elec. Savings (%)</p>	<p>48,667 R12M Electricity Savings (kWh/yr)</p>	<p>1,120 CO2e Savings (kg/mo)</p>
<p>\$6,804 R12M Energy Cost Savings</p>				<p>6,263 R12M CO2e Savings (kg/yr)</p>

Comments:

The Whakatane Oxidation Ponds have two ICPs, the aerators are set up as a time of use (TOU) account (supplied by Mercury), and the pumps are non-TOU (supplied by Genesis).

In November 2021, the oxidation ponds used a similar amount of electricity but treated 8% less water compared to November 2020. Rolling 12 month EUI has been steadily decreasing, which is good.

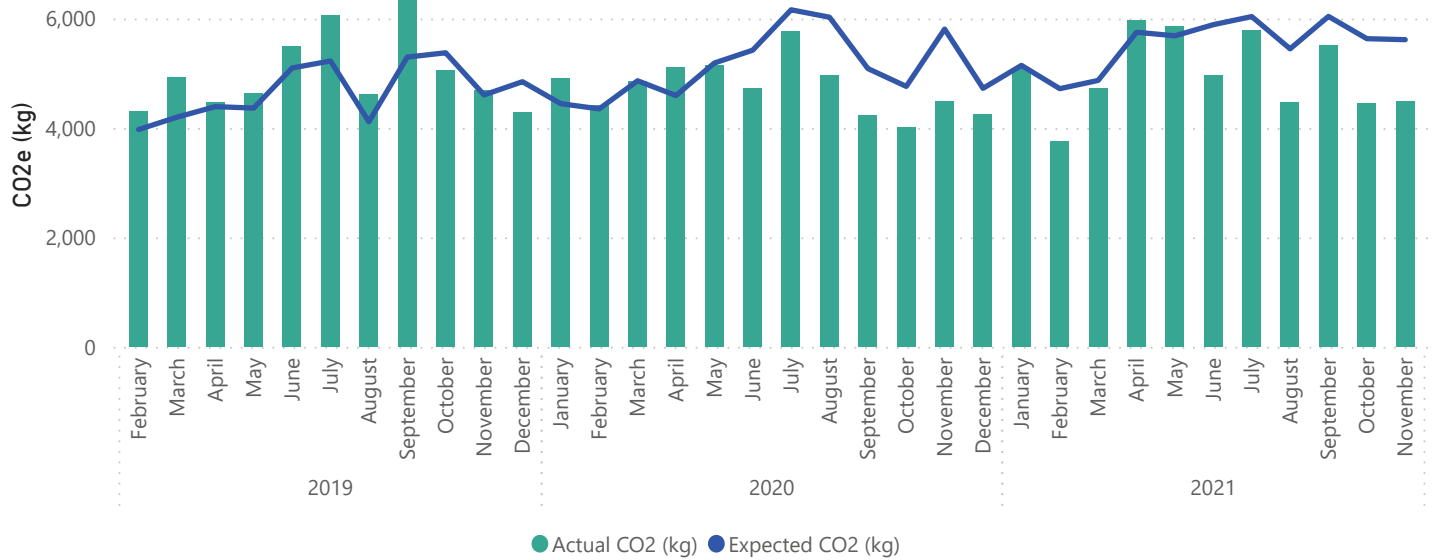


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

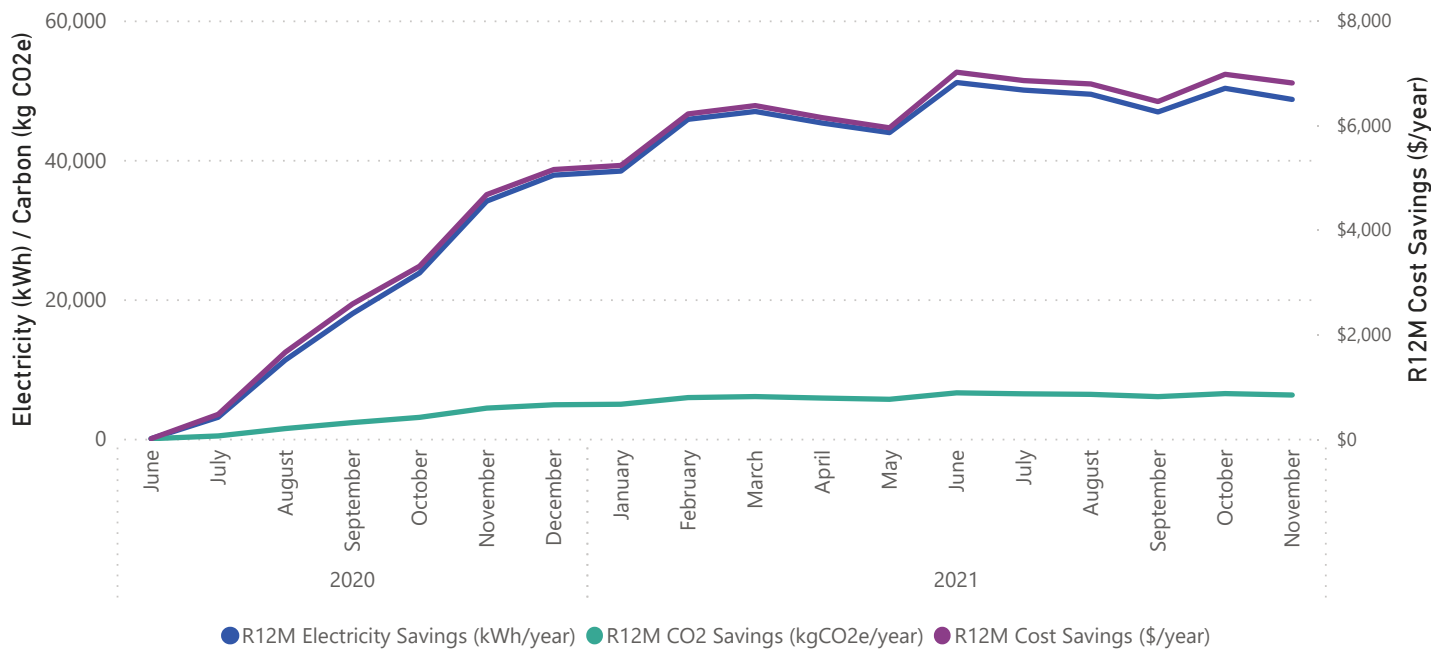
Whakatane District Council

Whakatane Oxidation Ponds

Whakatane Oxidation Ponds Carbon Emissions Compared to Baseline (kg CO2e)



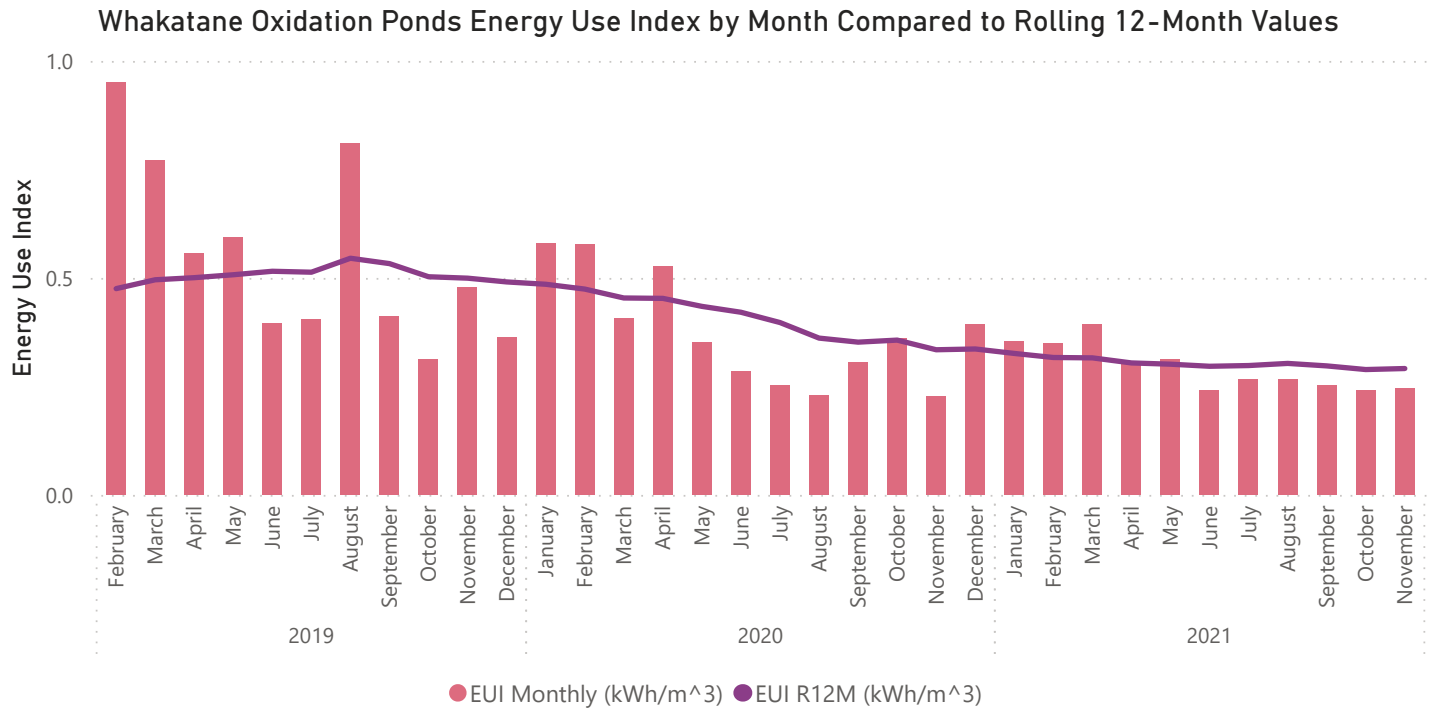
Whakatane Oxidation Ponds Cumulative Rolling 12 Month Savings



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Whakatane Oxidation Ponds



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time



Whakatane District Council

McAlister Street Pump Station

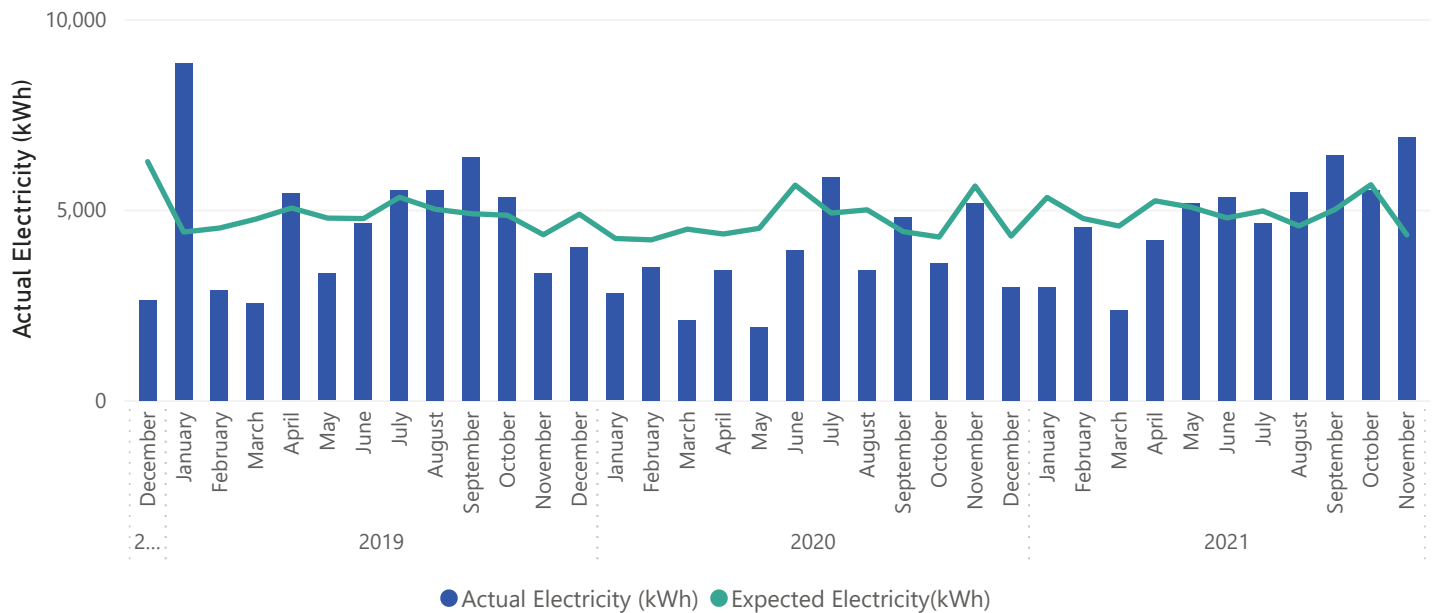
<p>-\$192 Monthly Energy Cost Savings</p>	<p>-2,561 Elec. Savings (kWh/mo)</p>	<p>-59% Elec. Savings (%)</p>	<p>2,104 R12M Electricity Savings (kWh/yr)</p>	<p>-330 CO2e Savings (kg/mo)</p>
<p>\$1,562 R12M Energy Cost Savings</p>				<p>271 R12M CO2e Savings (kg/yr)</p>

Comments:

A baseline was created for McAlister Street Pump Station that adjusts for the amount of rainfall at the Kopeopeo weather station. The baseline period is September 2020 to August 2021. The relationship between rainfall and electricity use is weak, with an R squared of 12.8, which suggests that factors other than rainfall influence electricity use.

McAlister Street Pump Station is on a NHH account, some months' usage may be estimated by the retailer and captured by a subsequent meter reading. Manual readings at the end of each month would help with the accuracy of monitoring reports.

McAlister St Pumps Electricity Use Compared to Baseline (kWh)

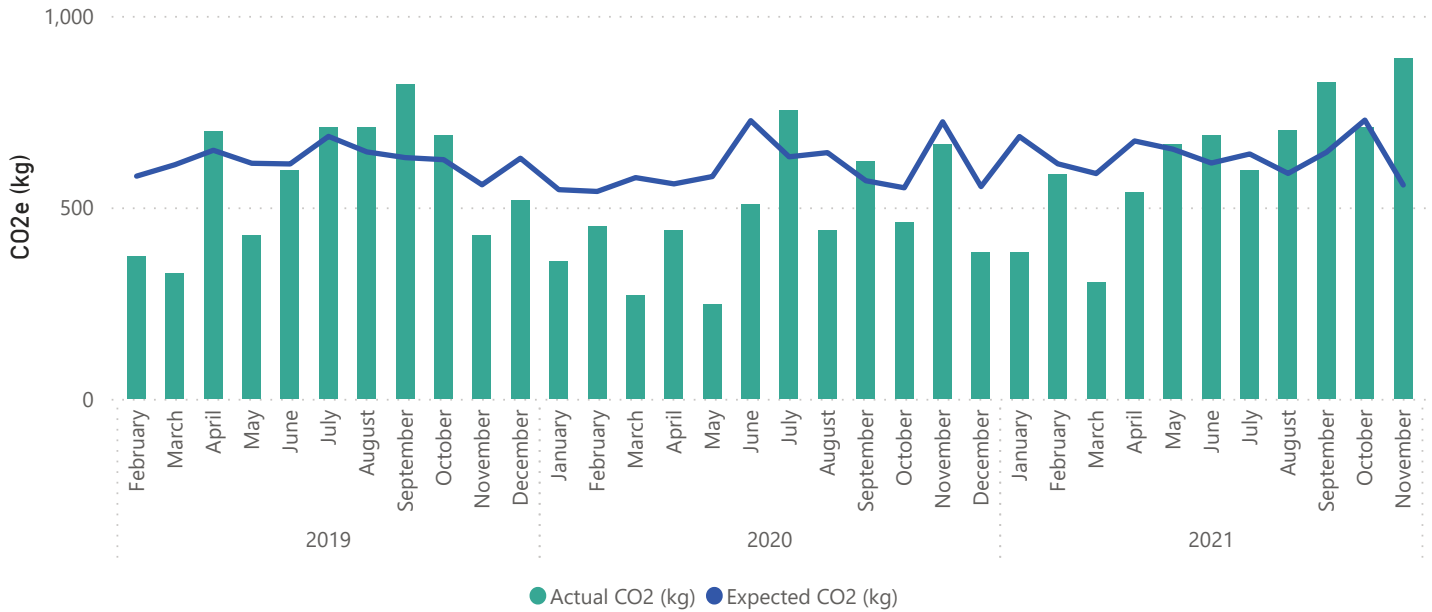


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

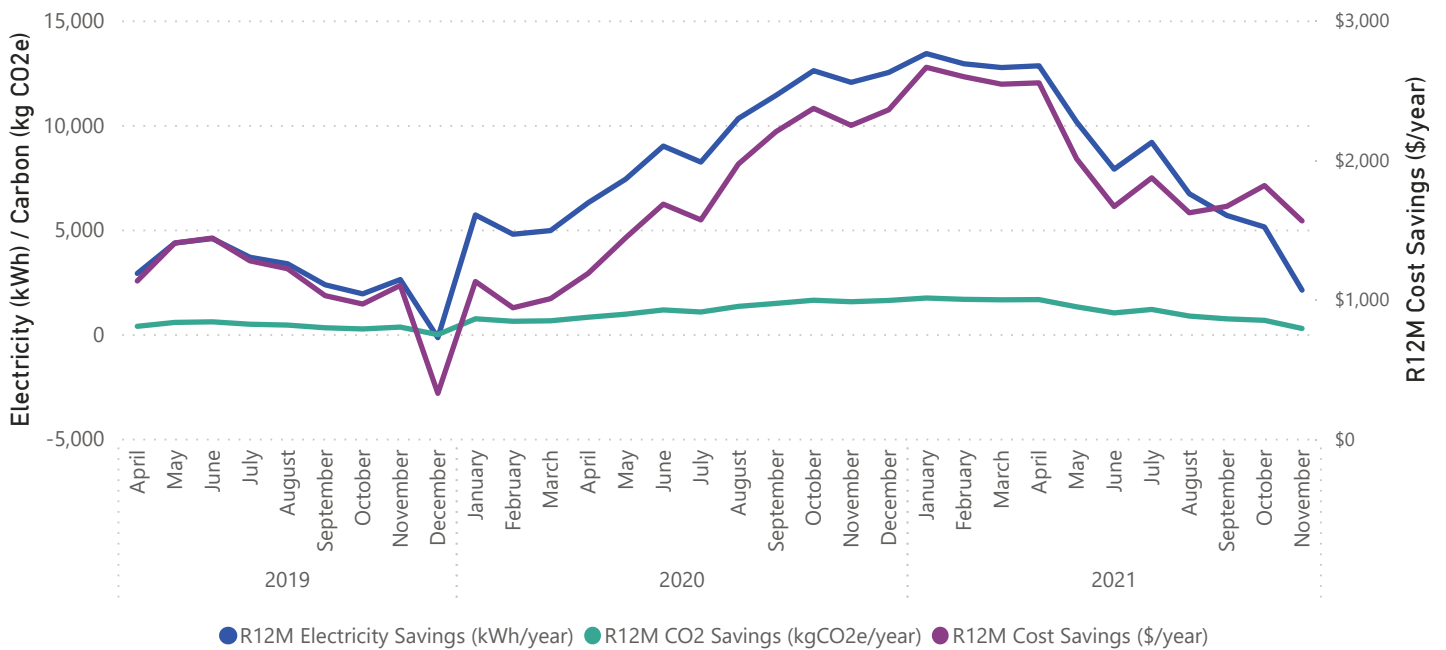
Whakatane District Council

McAlister Street Pump Station

McAlister St Pumps Carbon Emissions Compared to Baseline (kg CO2e)



McAlister St Pumps Cumulative Rolling 12 Month Savings



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Rose Gardens Pump Station

<p>\$635 Monthly Energy Cost Savings</p>	<p>3,260 Elec. Savings (kWh/mo)</p>	<p>91% Elec. Savings (%)</p>	<p>17,432 R12M Electricity Savings (kWh/yr)</p>	<p>420 CO2e Savings (kg/mo)</p>
<p>\$3,681 R12M Energy Cost Savings</p>				<p>2,244 R12M CO2e Savings (kg/yr)</p>

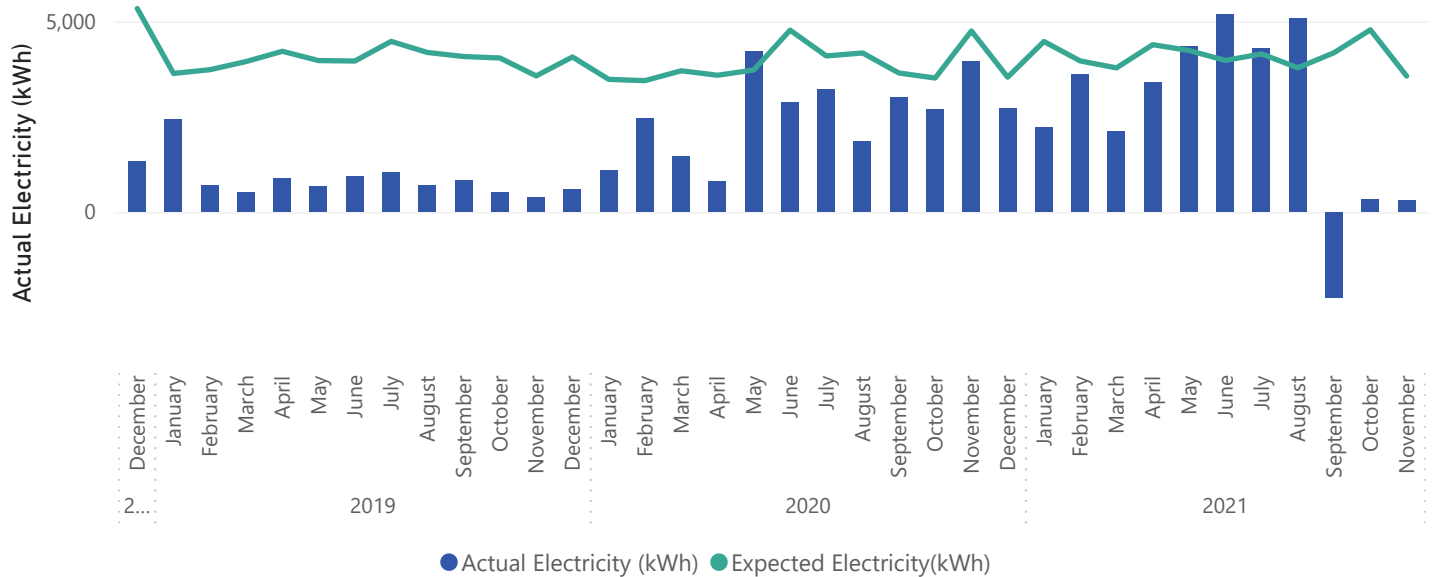
Comments:

A baseline was created for Rose Gardens Pump Station that adjusts for the amount of rainfall at the Kopeopeo weather station. The baseline period is September 2020 to August 2021. The relationship between rainfall and electricity use is weak, with an R squared of 13.7, which suggests that factors other than rainfall influence electricity use.

The Rose Gardens Pump Station is on a NHH account, some months' usage may be estimated by the retailer and captured by a subsequent meter reading. The meter reading for August was over-estimated by the retailer, September's usage is derived from an actual reading and August's estimated reading. Credit was issued for the over-estimation in August 2021. Manual meter readings can improve accuracy of electricity usage.

Low usage in recent months reflect a positive change that was made in how the pump operates.

Rose Gardens Pumps Electricity Use Compared to Baseline (kWh)

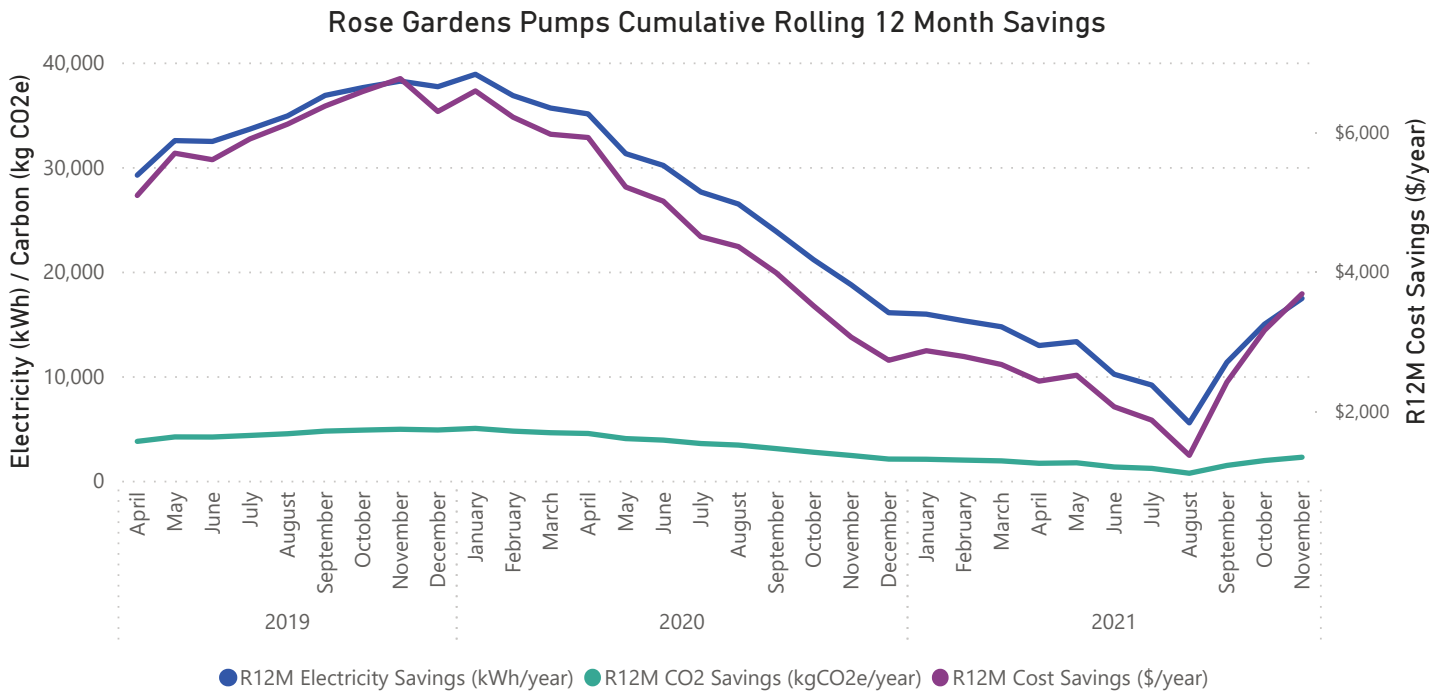
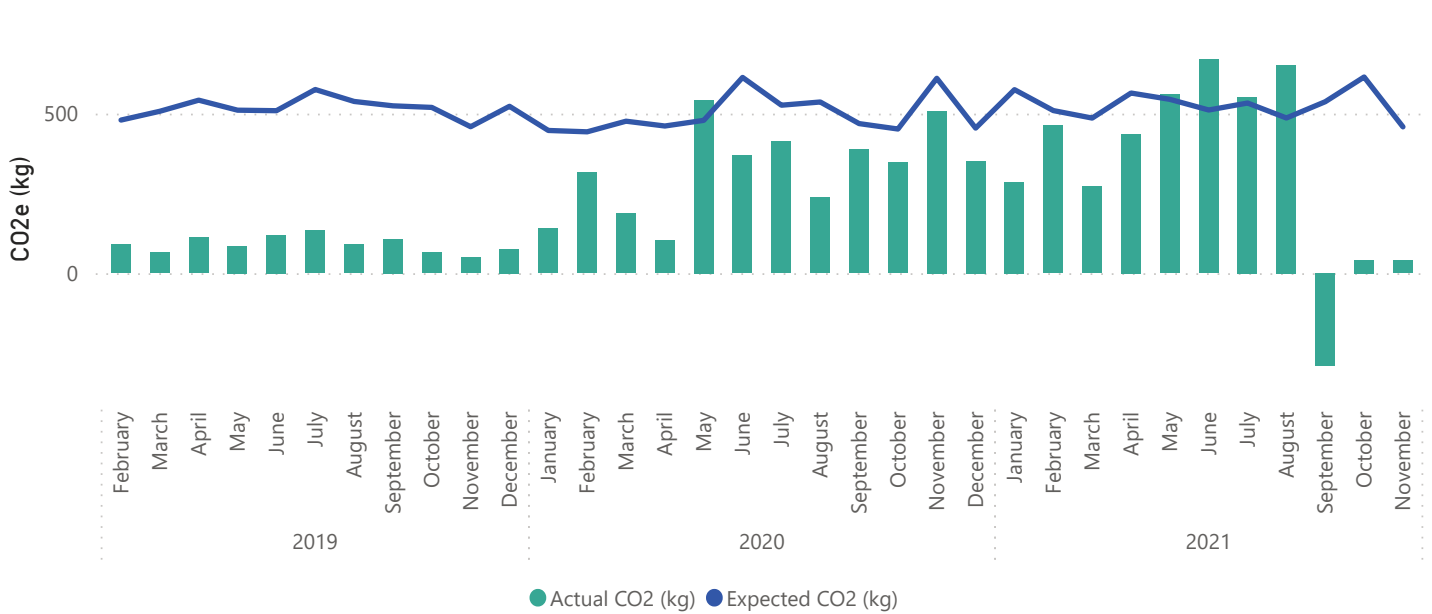


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Rose Gardens Pump Station

Rose Gardens Pumps Carbon Emissions Compared to Baseline (kg CO₂e)



Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time