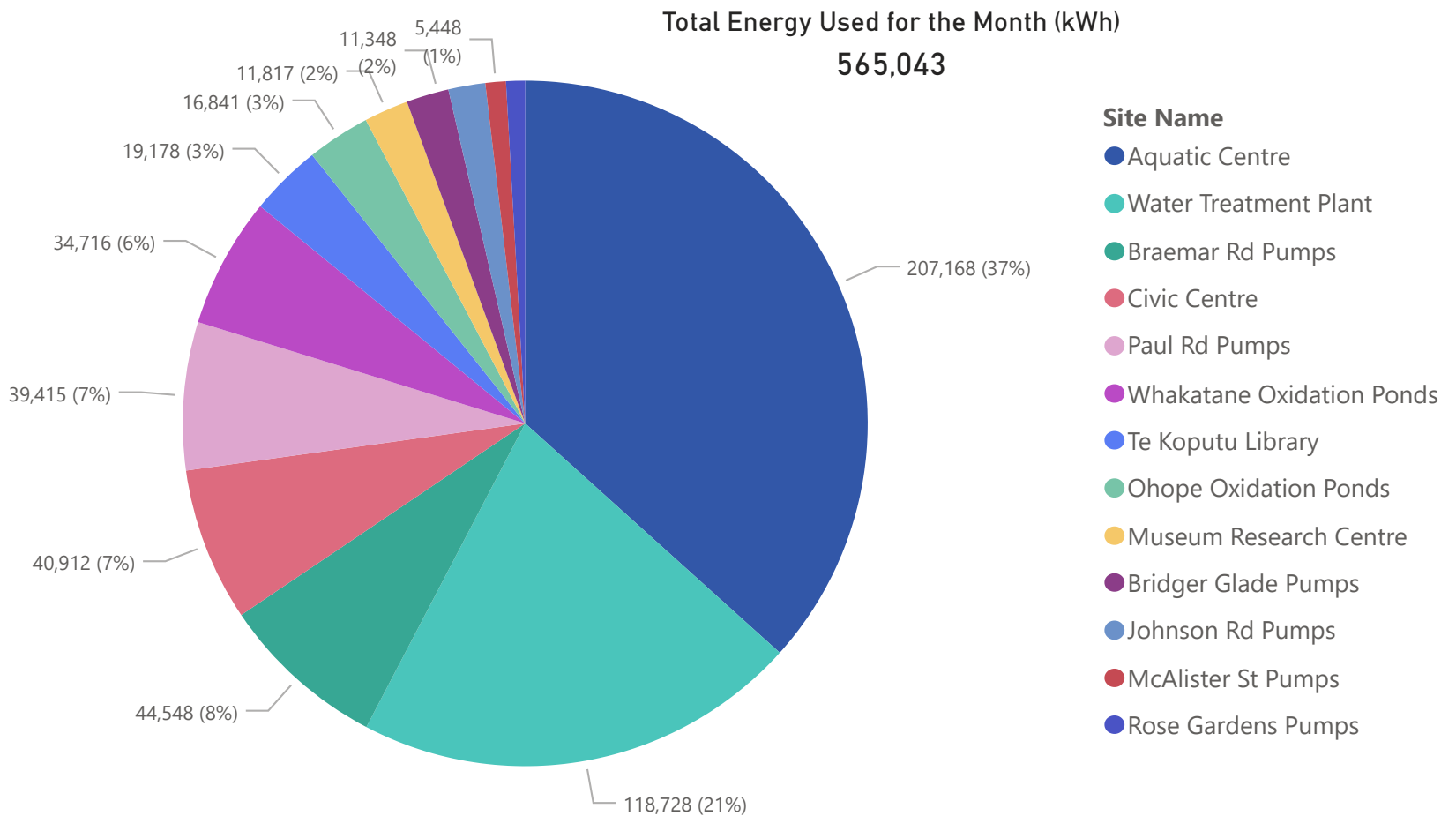


Whakatane District Council

Summary

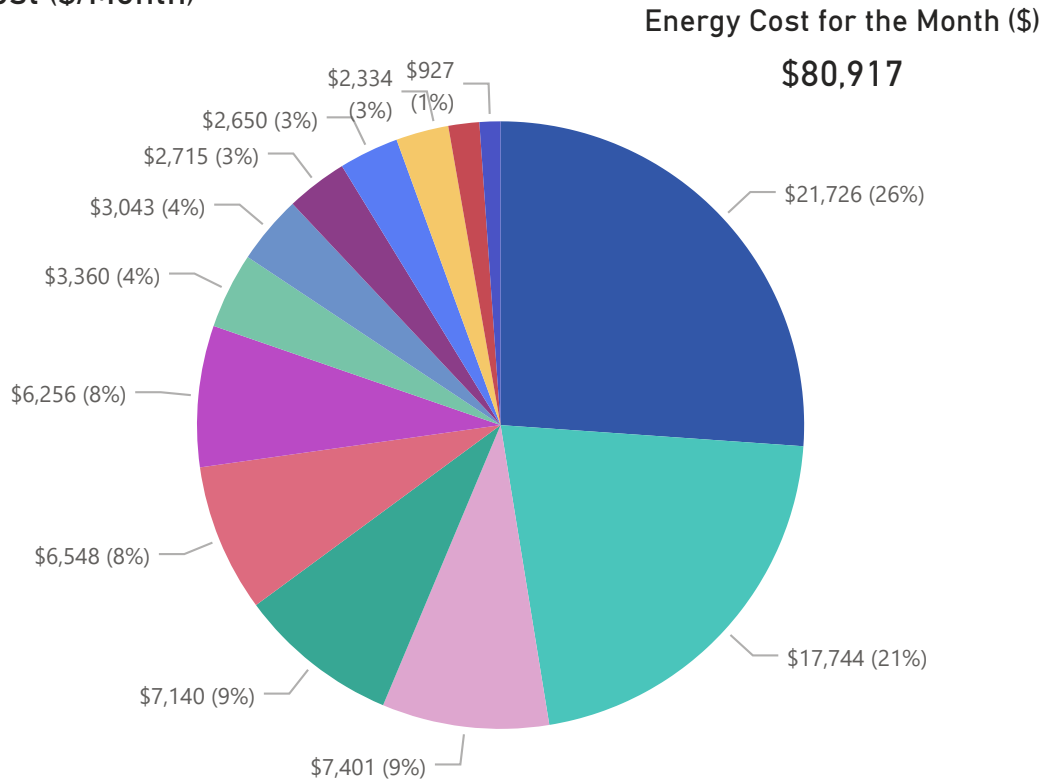
<p>\$23,519</p> <p>Monthly Energy Cost Savings</p>	<p>46,079</p> <p>Elec. Savings (kWh/mo)</p>	<p>10%</p> <p>Elec. Savings (%)</p>	<p>153,530</p> <p>R12M Electricity Savings (kWh/yr)</p>	<p>60,786</p> <p>CO2e Savings (kg/mo)</p>
<p>\$102,693</p> <p>R12M Energy Cost Savings</p>	<p>252,652</p> <p>Gas. Savings (kWh/mo)</p>	<p>68%</p> <p>Gas. Savings (%)</p>	<p>1,178,638</p> <p>R12M Gas Savings (kWh/yr)</p>	<p>239,919</p> <p>R12M CO2e Savings (kg/yr)</p>

Total Energy (kWh/Month)



Whakatane District Council Summary

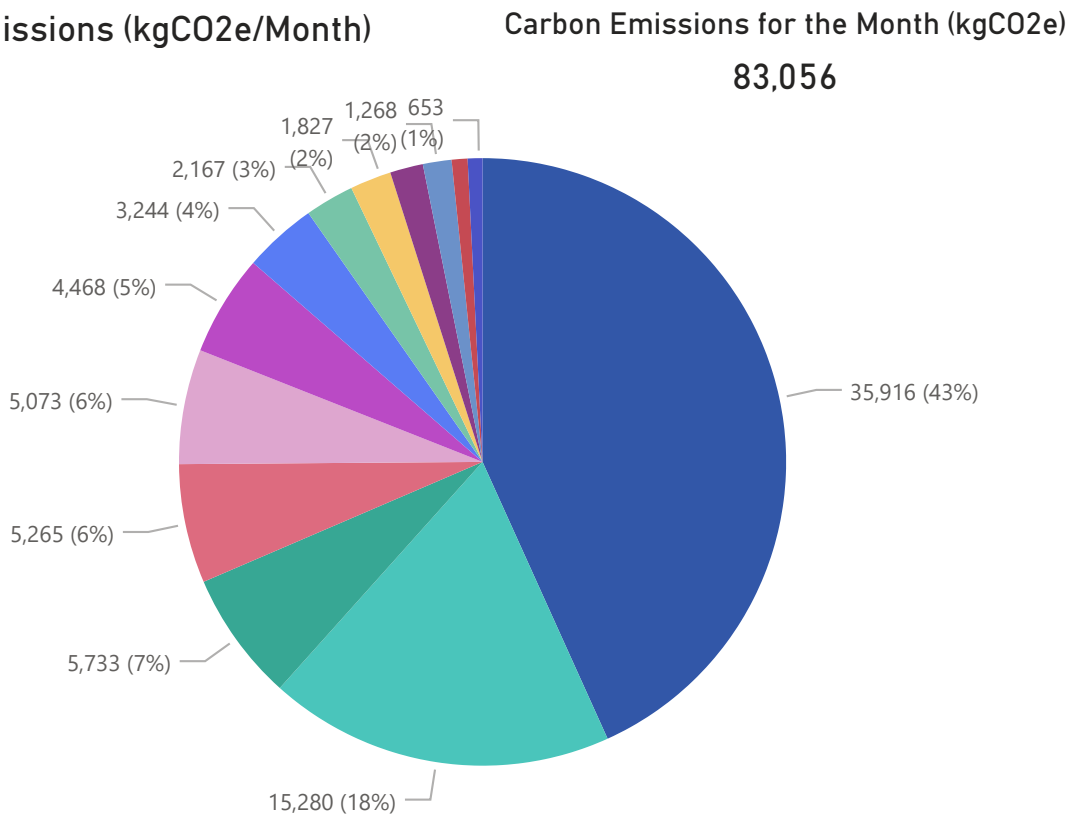
Energy Cost (\$/Month)



Site Name

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

Carbon Emissions (kgCO2e/Month)



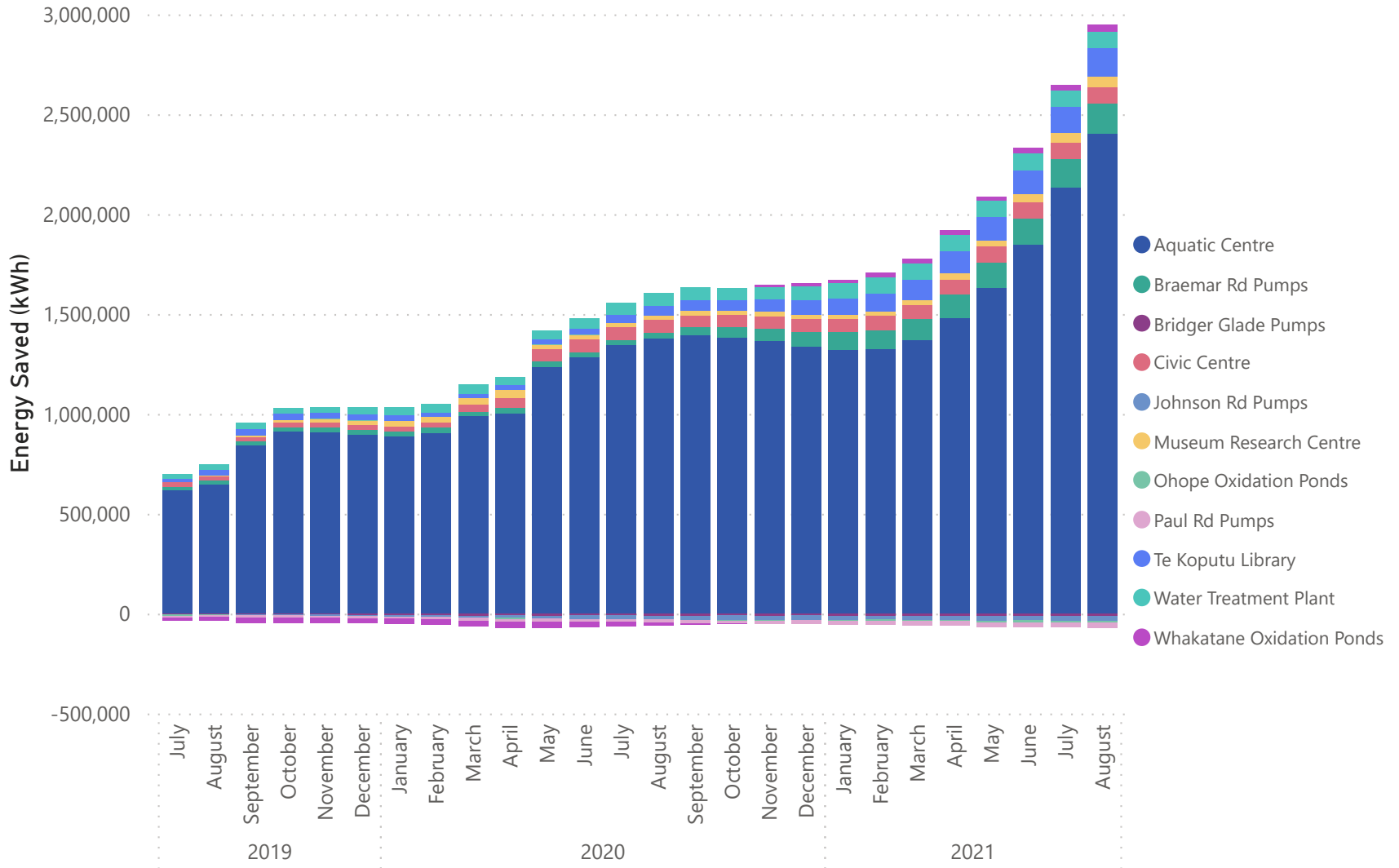
Site Name

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

Whakatane District Council

Summary

Cumulative Energy Savings (kWh)

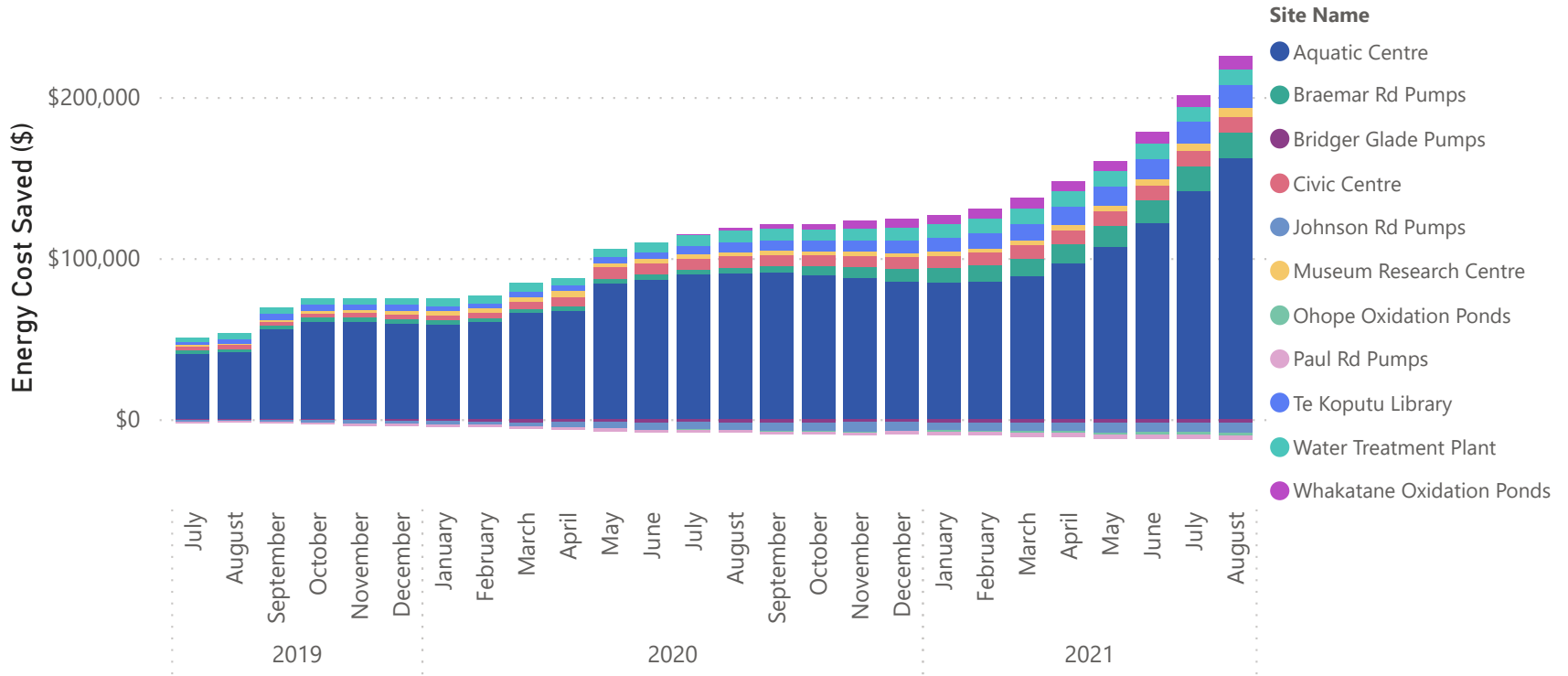


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

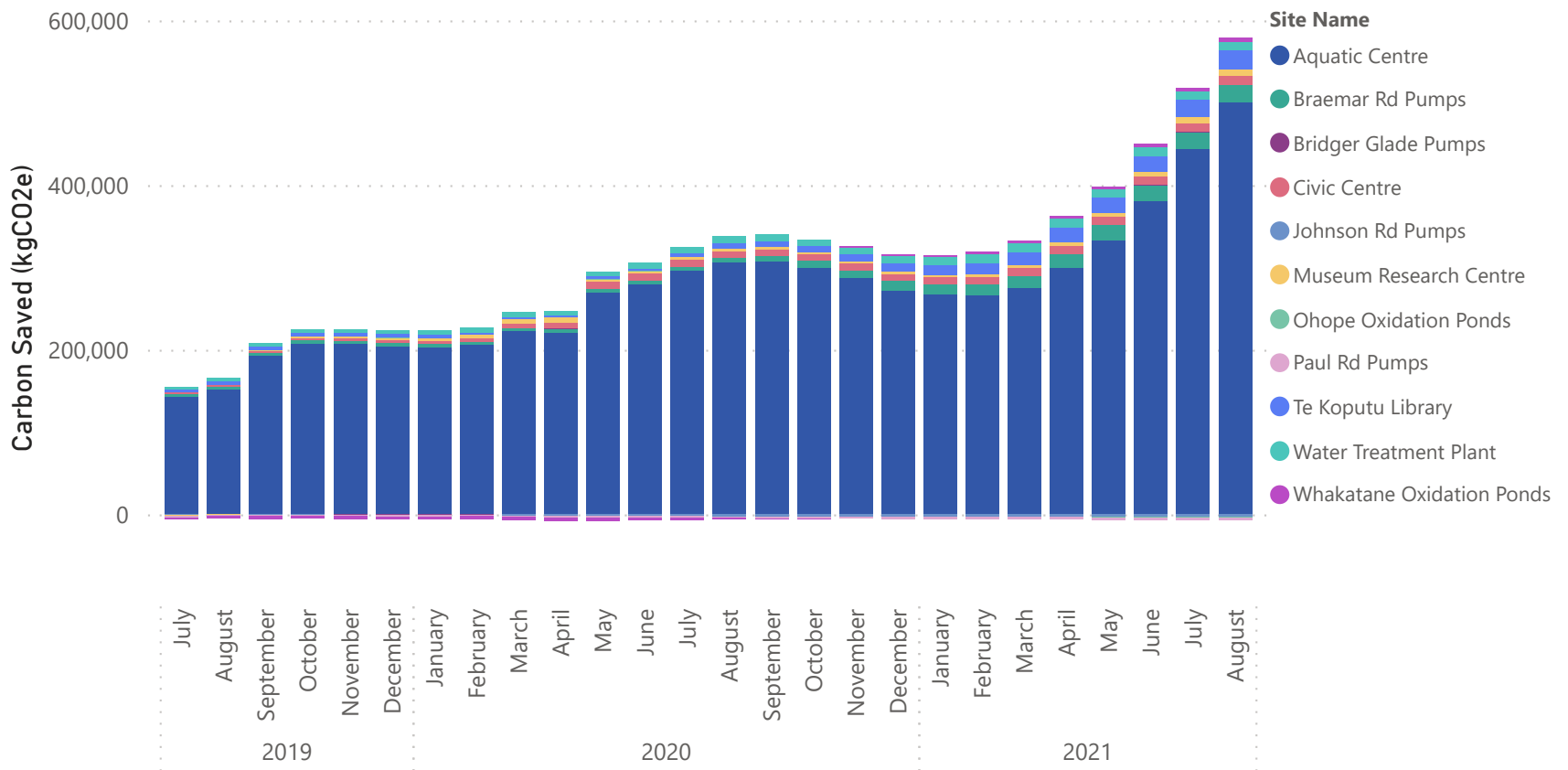
Whakatane District Council

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

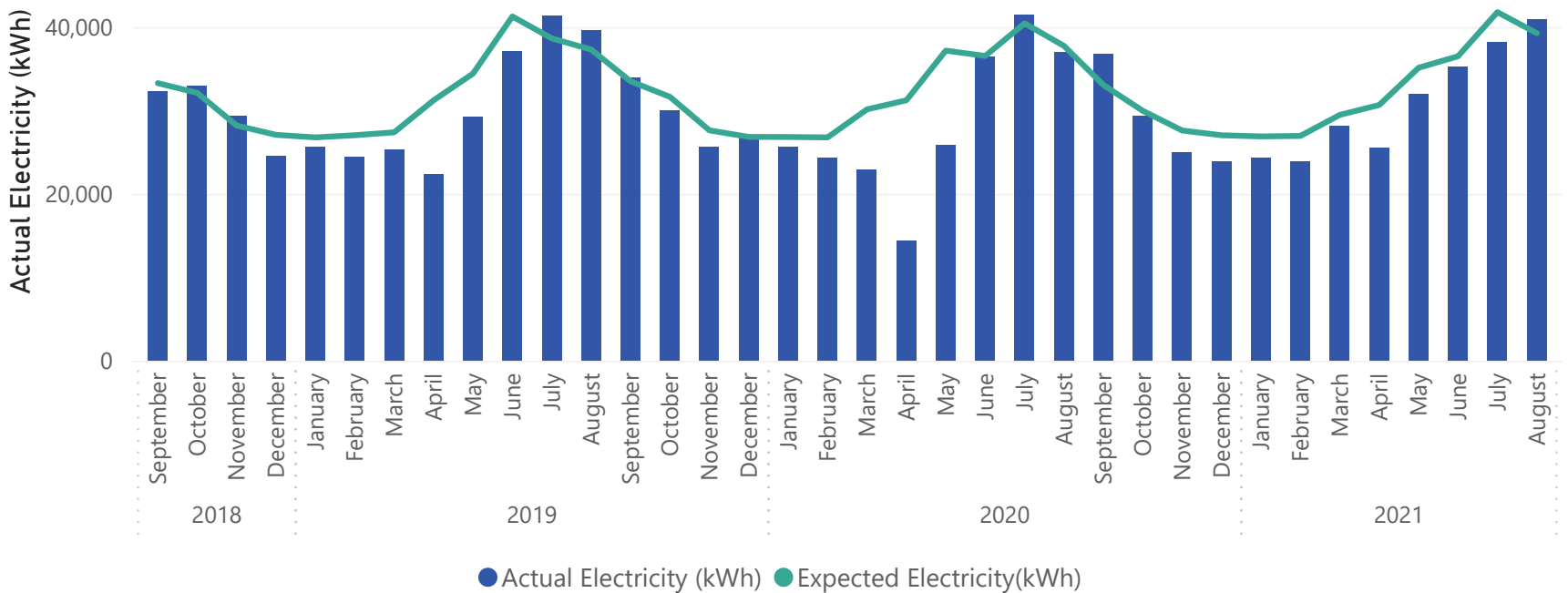
<p>-\$199 Monthly Energy Cost Savings</p>	<p>-1,671 Elec. Savings (kWh/mo)</p>	<p>-4% Elec. Savings (%)</p>	<p>21,185 R12M Electricity Savings (kWh/yr)</p>	<p>-241 CO2e Savings (kg/mo)</p>
<p>\$2,391 R12M Energy Cost Savings</p>				<p>2,471 R12M CO2e Savings (kg/yr)</p>

Comments:

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

The Civic Centre used more electricity than expected this month. TOU data indicates a baseload increase around 20-25kW started on 9 August and continued for the rest of the month. A load of this size might be attributed to HVAC being left on unnecessarily.

Civic Centre Electricity Use Compared to Baseline (kWh)

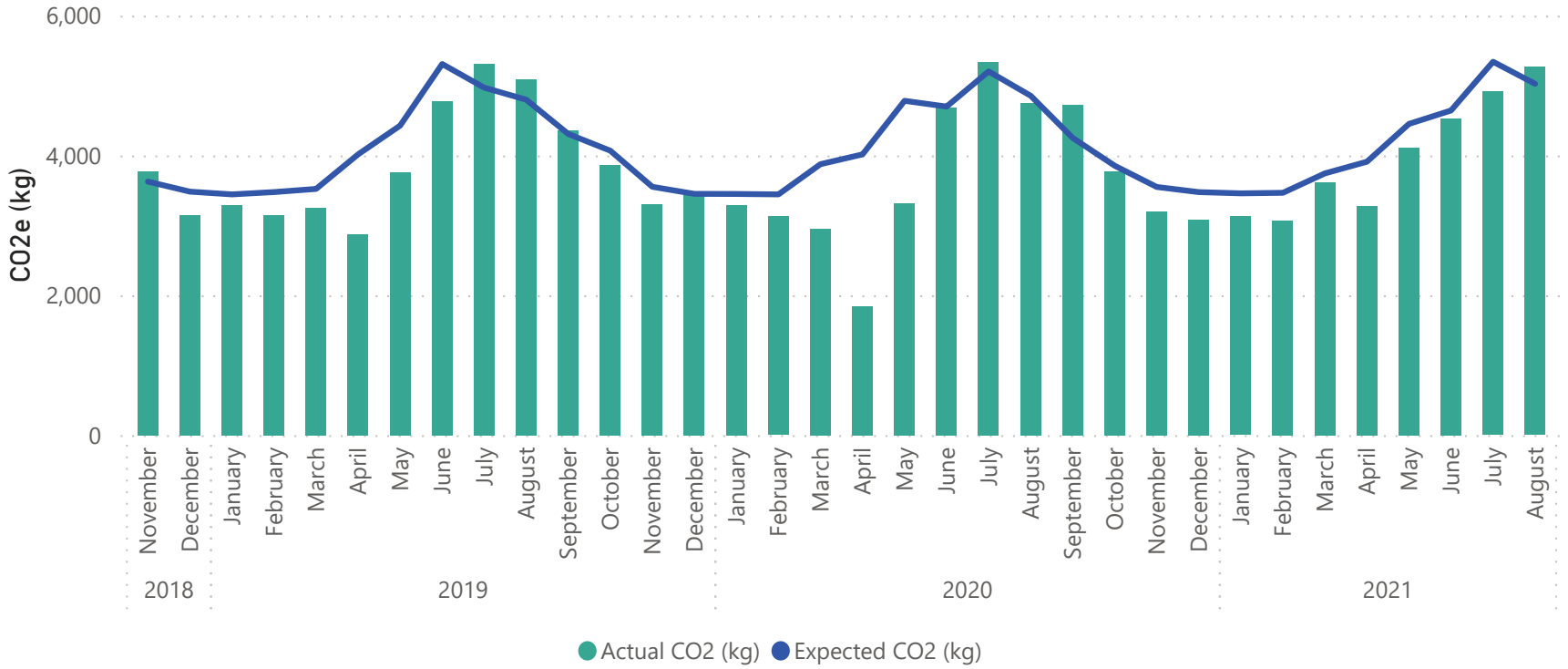


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

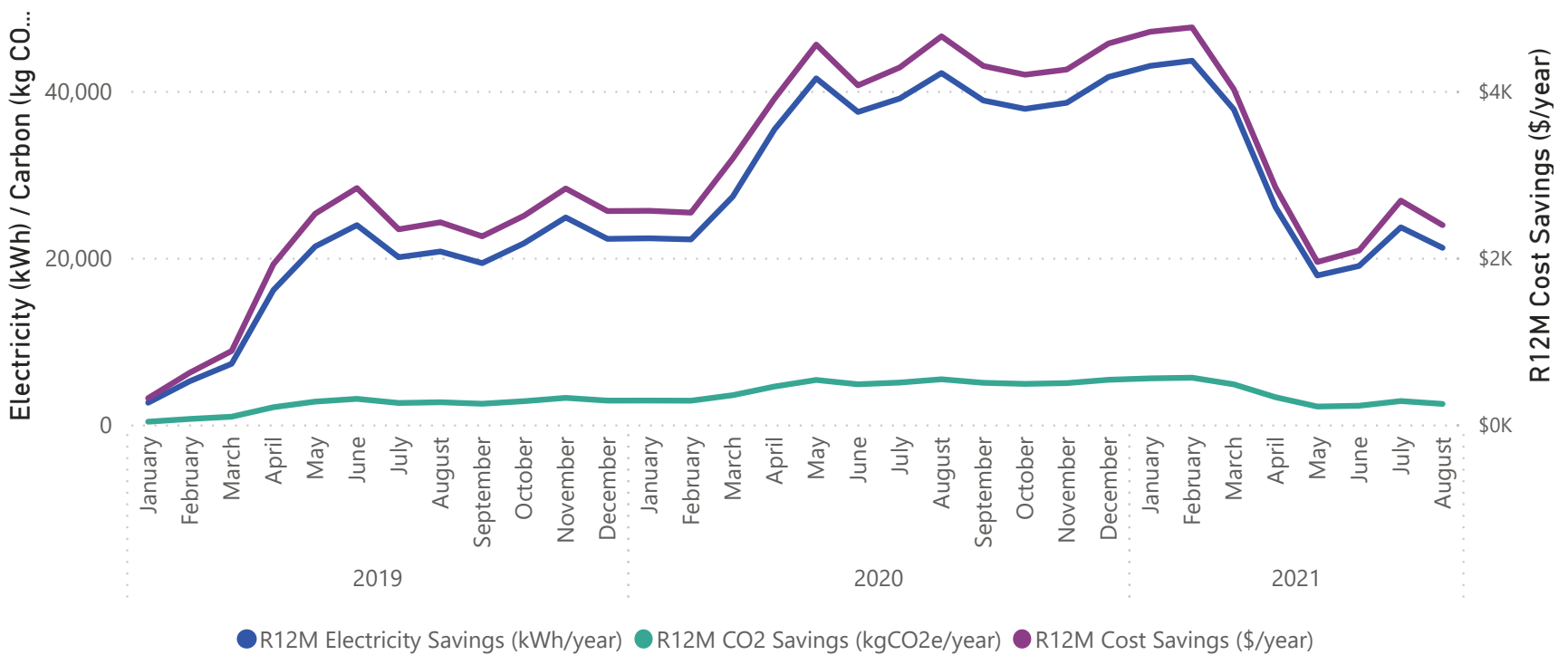
Whakatane District Council

Civic Centre

Civic Centre Carbon Emissions Compared to Baseline (kg CO2e)



Civic Centre Cumulative Rolling 12 Month Savings

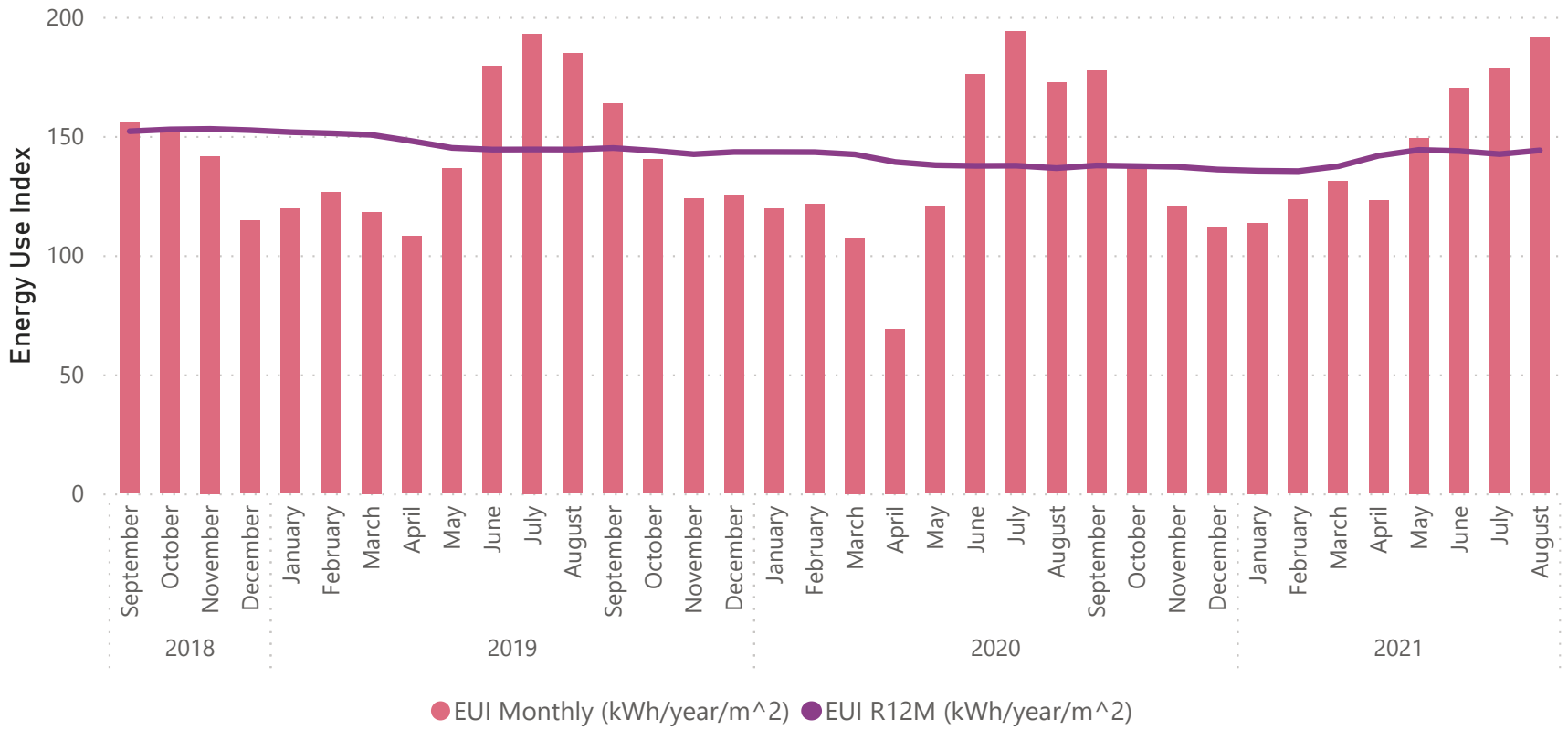


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Civic Centre

Civic 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

Aquatic Centre

<p>\$20,490</p> <p>Monthly Energy Cost Savings</p>	<p>26,606</p> <p>Elec. Savings (kWh/mo)</p>	<p>21%</p> <p>Elec. Savings (%)</p>	<p>-87,658</p> <p>R12M Electricity Savings (kWh/yr)</p>	<p>56,278</p> <p>CO2e Savings (kg/mo)</p>
<p>\$71,405</p> <p>R12M Energy Cost Savings</p>	<p>243,629</p> <p>Gas. Savings (kWh/mo)</p>	<p>70%</p> <p>Gas. Savings (%)</p>	<p>1,112,521</p> <p>R12M Gas Savings (kWh/yr)</p>	<p>194,113</p> <p>R12M CO2e Savings (kg/yr)</p>

Comments:

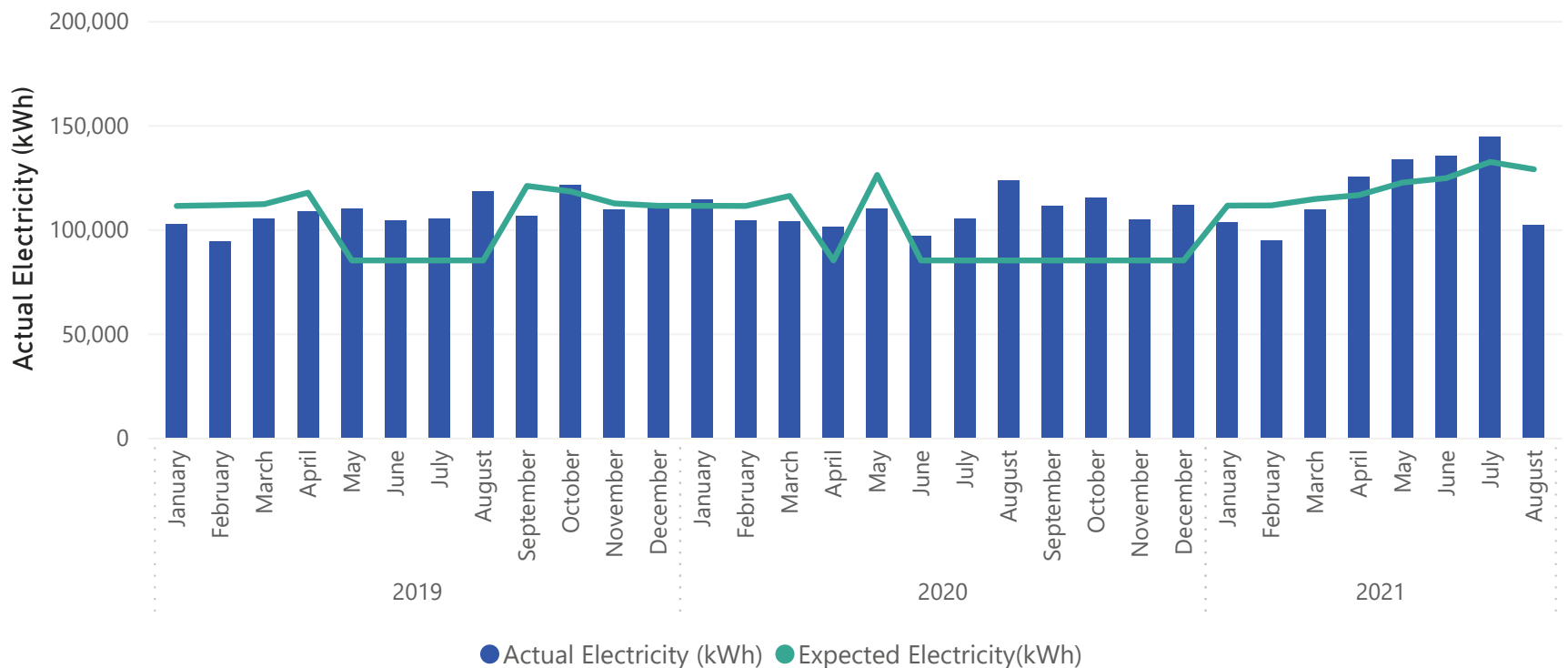
The outdoor pool is now open year-round and uses a baseline that reflects this change.

Electricity use was 21% below baseline after four months being above baseline. Some of these savings can be attributed to the Aquatic Centre being closed to public during alert levels three and four.

Natural gas was not substantially different from last month, despite the pool being closed for about half of August.

The outdoor pool is open year round and natural gas is used to prevent condensation on the outdoor pool cover. Natural gas is also used to supplement the heat pump for the outdoor pool during periods of high demand. Gas savings for the month are 70% less than baseline.

Aquatic Centre Electricity Use Compared to Baseline (kWh)

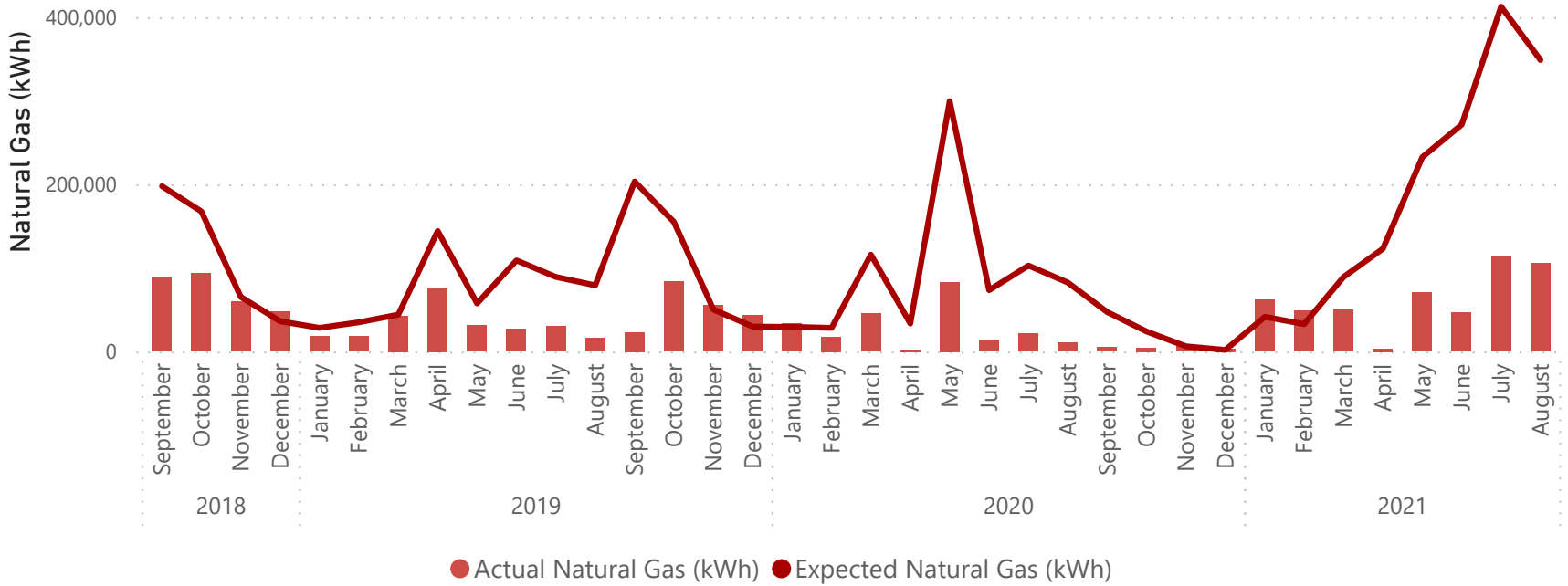


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

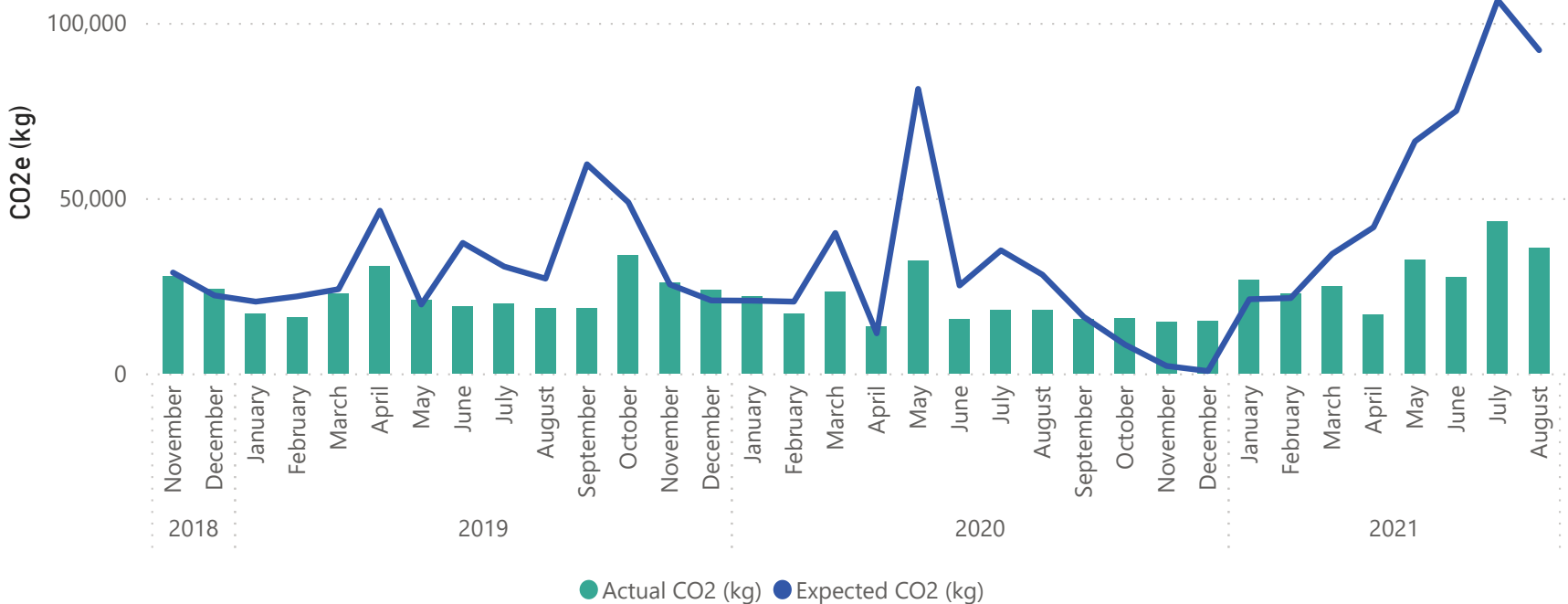
Whakatane District Council

Aquatic Centre

Aquatic Centre Natural Gas Compared to Baseline (kWh)



Aquatic Centre Carbon Emissions Compared to Baseline (kg CO2e)

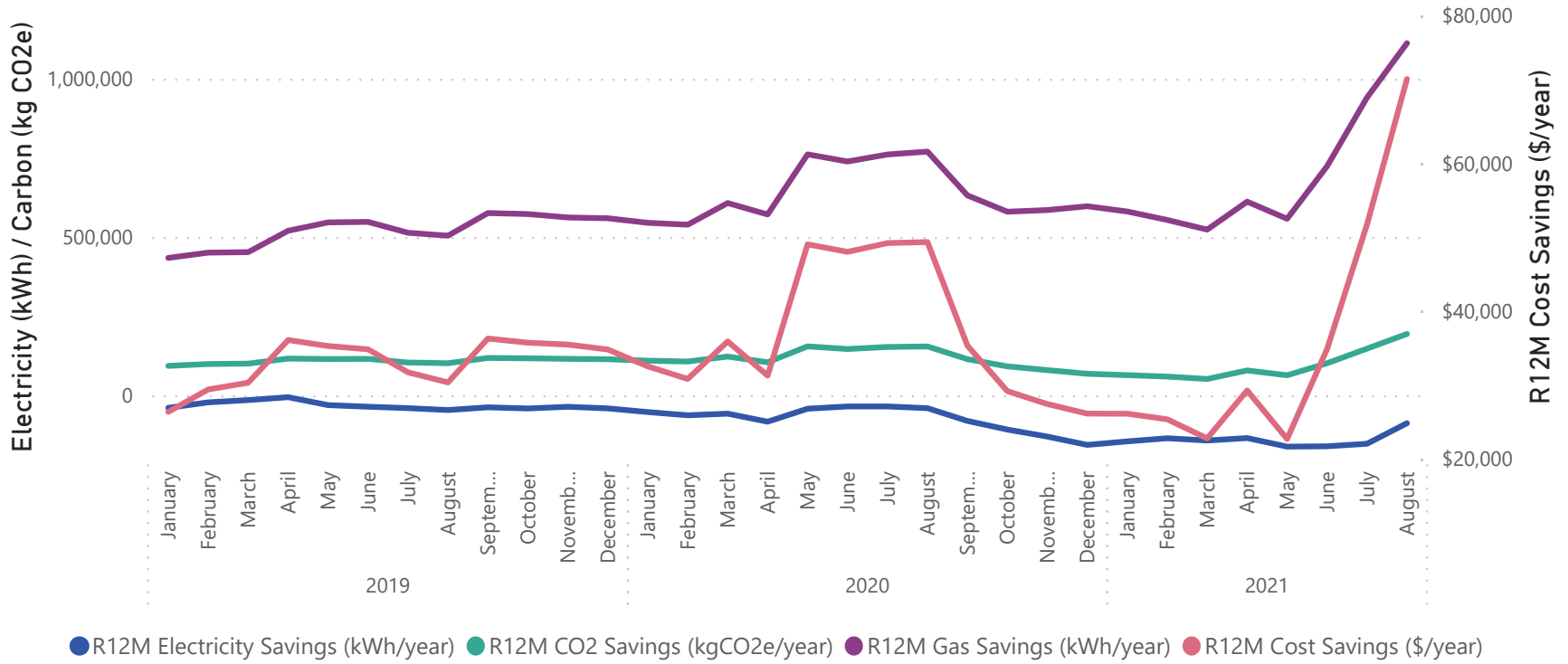


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

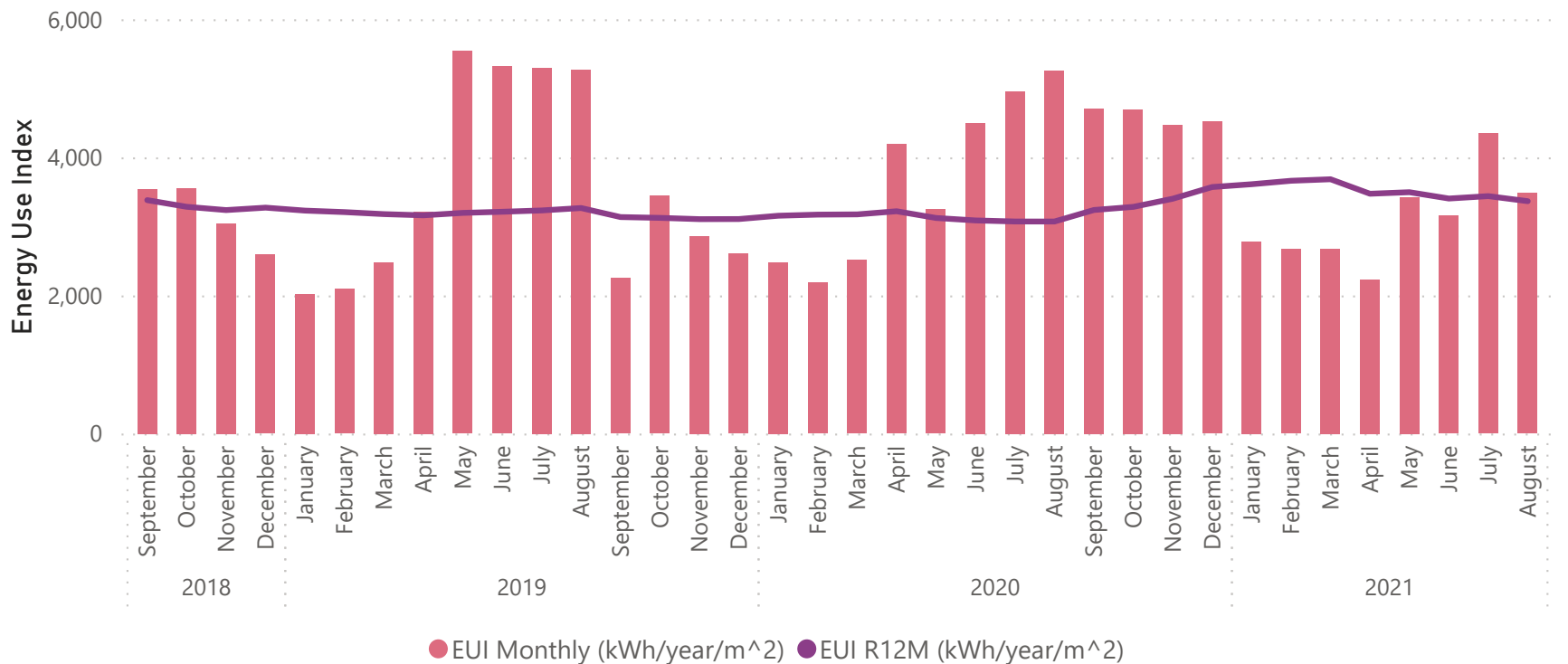
Whakatane District Council

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>\$1,083</p> <p>Monthly Energy Cost Savings</p>	<p>5,788</p> <p>Elec. Savings (kWh/mo)</p>	<p>36%</p> <p>Elec. Savings (%)</p>	<p>42,154</p> <p>R12M Electricity Savings (kWh/yr)</p>	<p>1,939</p> <p>CO2e Savings (kg/mo)</p>
<p>\$8,387</p> <p>R12M Energy Cost Savings</p>	<p>5,486</p> <p>Gas. Savings (kWh/mo)</p>	<p>38%</p> <p>Gas. Savings (%)</p>	<p>50,492</p> <p>R12M Gas Savings (kWh/yr)</p>	<p>16,425</p> <p>R12M CO2e Savings (kg/yr)</p>

Comments:

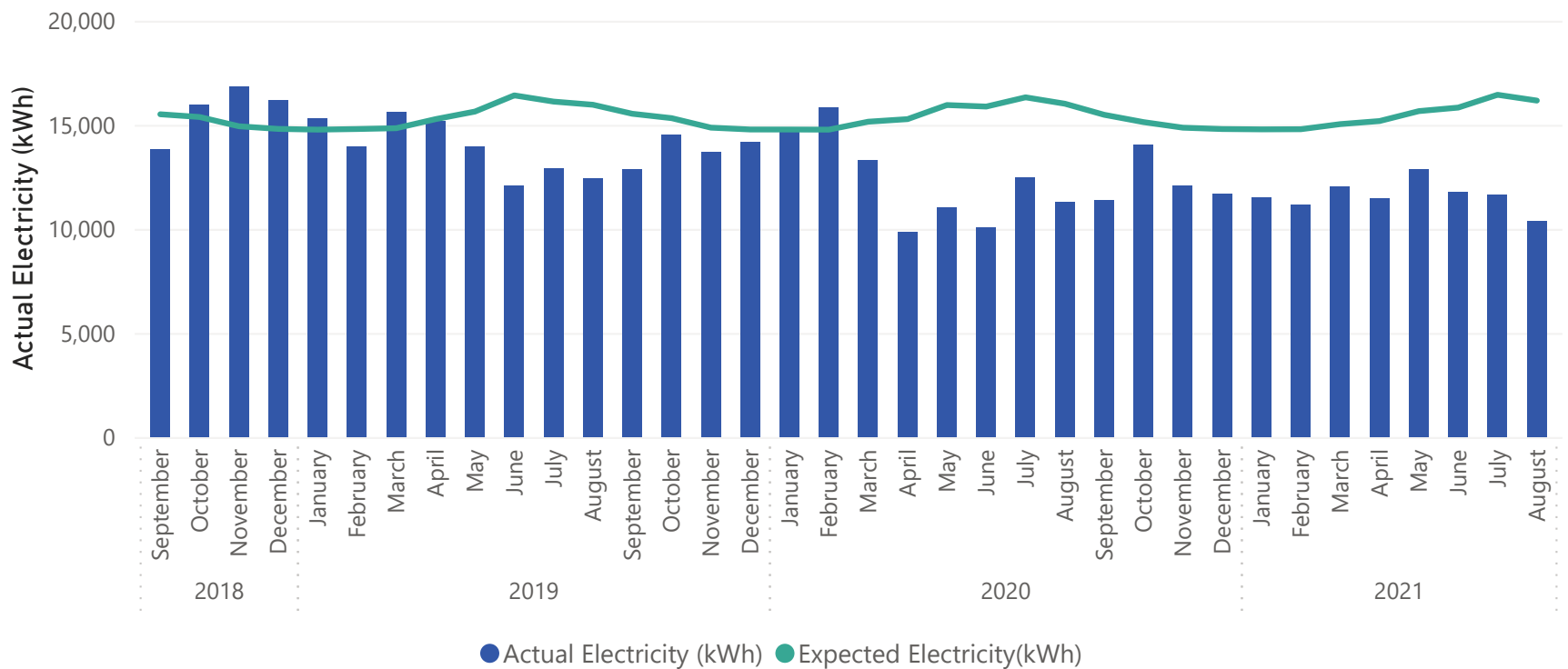
Electricity use has been less than baseline since March 2020.

Electricity and natural gas use were both below baseline in August 2021, however, some of these savings can be credited towards the facility being closed to the public during alert levels three and four.

Natural gas was previously switched off in February 2021. Natural gas was turned back on in May 2021.

Rolling 12 month cost savings are at a new high, with approximately \$8,400 saved per year.

Te Koputu Library Electricity Use Compared to Baseline (kWh)

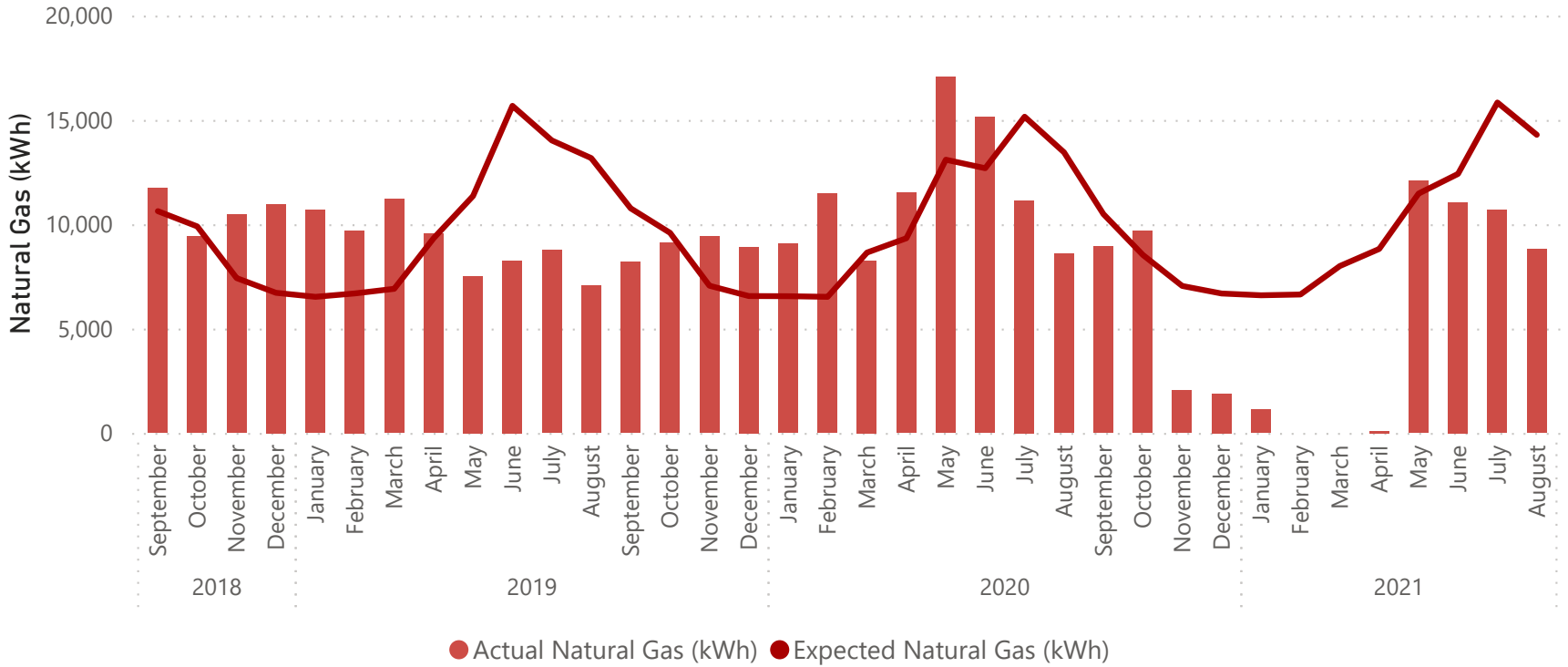


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

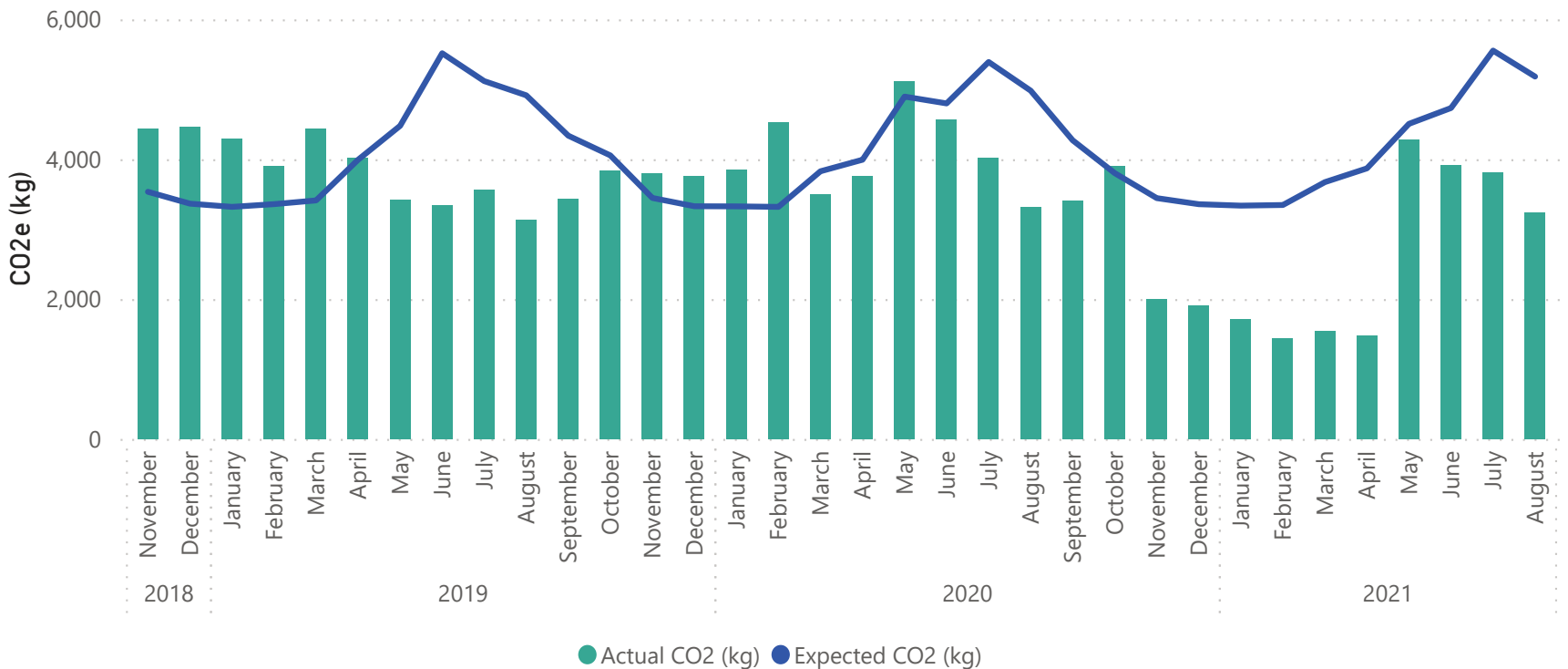
Whakatane District Council

Te Koputu Library

Te Koputu Library Natural Gas Compared to Baseline (kWh)



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

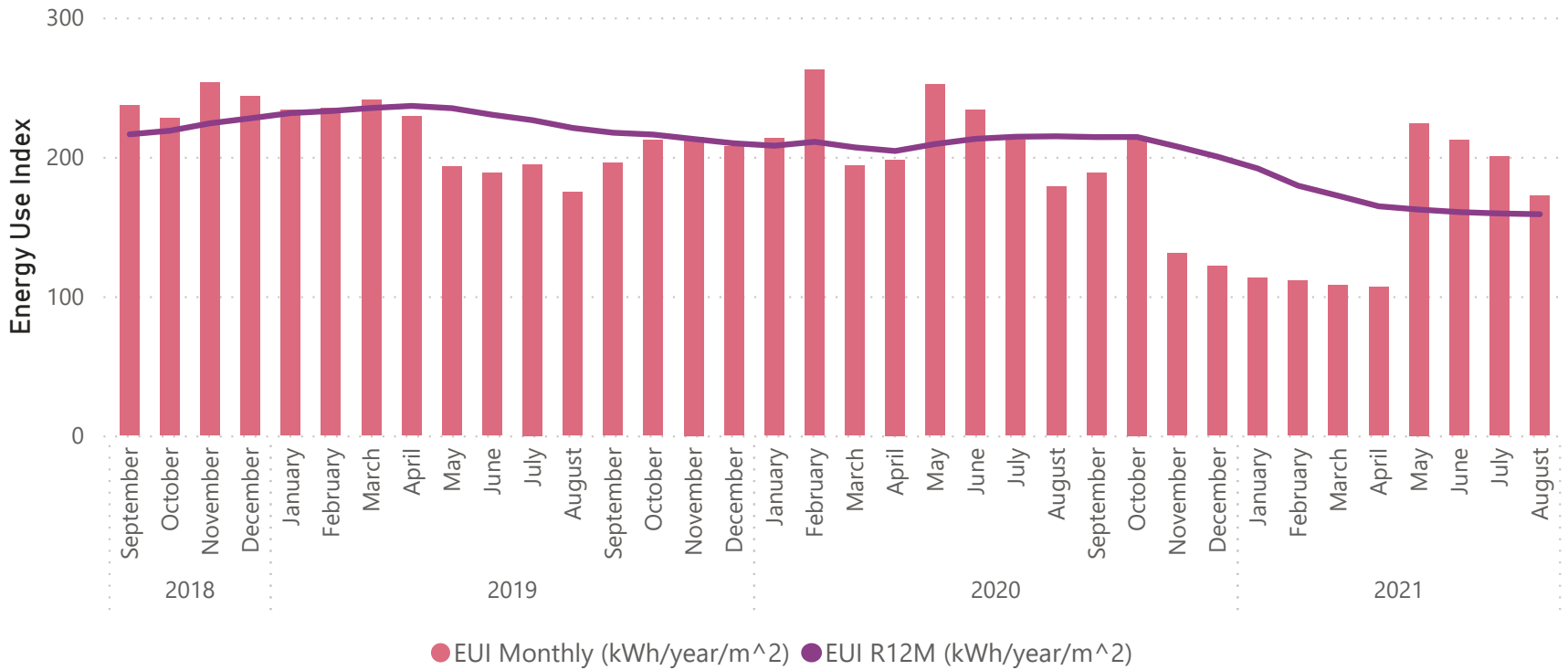


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

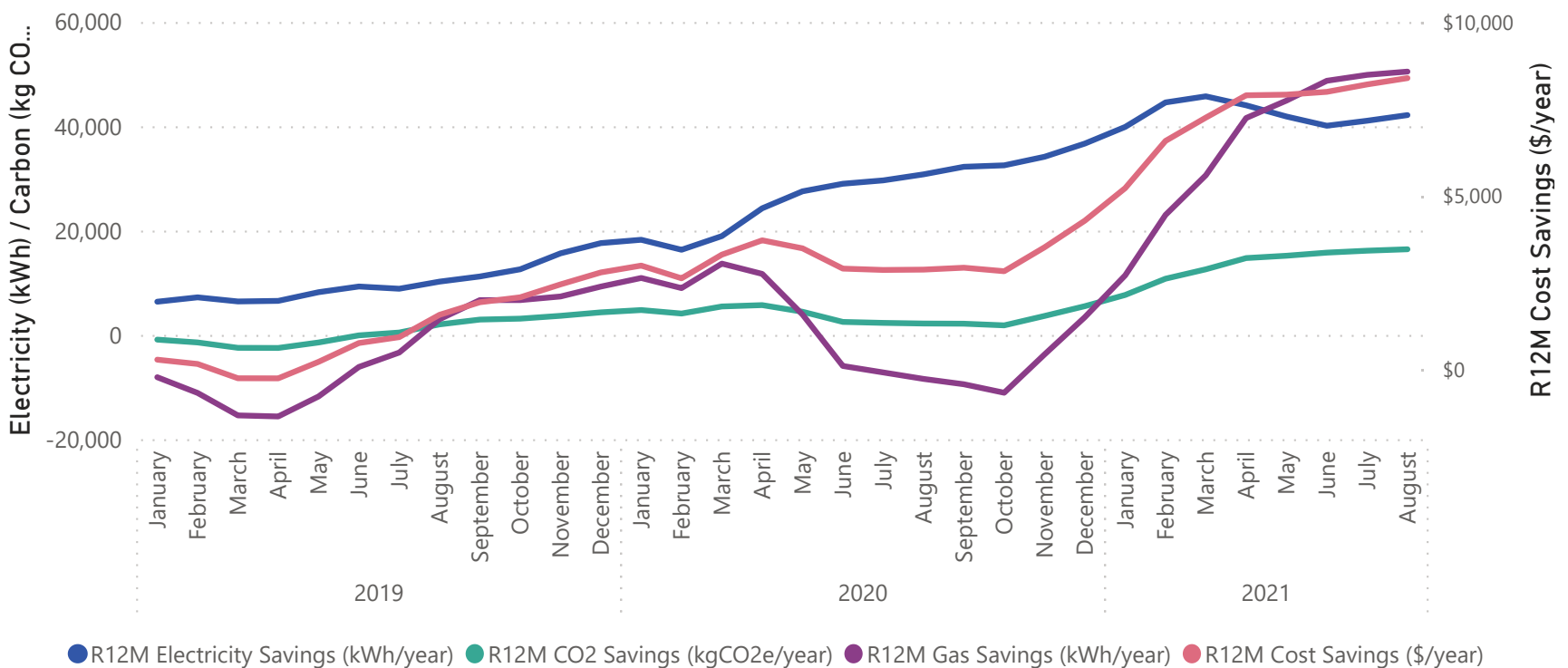
Whakatane District Council

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

<p>\$705</p> <p>Monthly Energy Cost Savings</p>	<p>3,787</p> <p>Elec. Savings (kWh/mo)</p>	<p>31%</p> <p>Elec. Savings (%)</p>	<p>16,950</p> <p>R12M Electricity Savings (kWh/yr)</p>	<p>1,254</p> <p>CO2e Savings (kg/mo)</p>
<p>\$3,122</p> <p>R12M Energy Cost Savings</p>	<p>3,538</p> <p>Gas. Savings (kWh/mo)</p>	<p>50%</p> <p>Gas. Savings (%)</p>	<p>15,625</p> <p>R12M Gas Savings (kWh/yr)</p>	<p>5,569</p> <p>R12M CO2e Savings (kg/yr)</p>

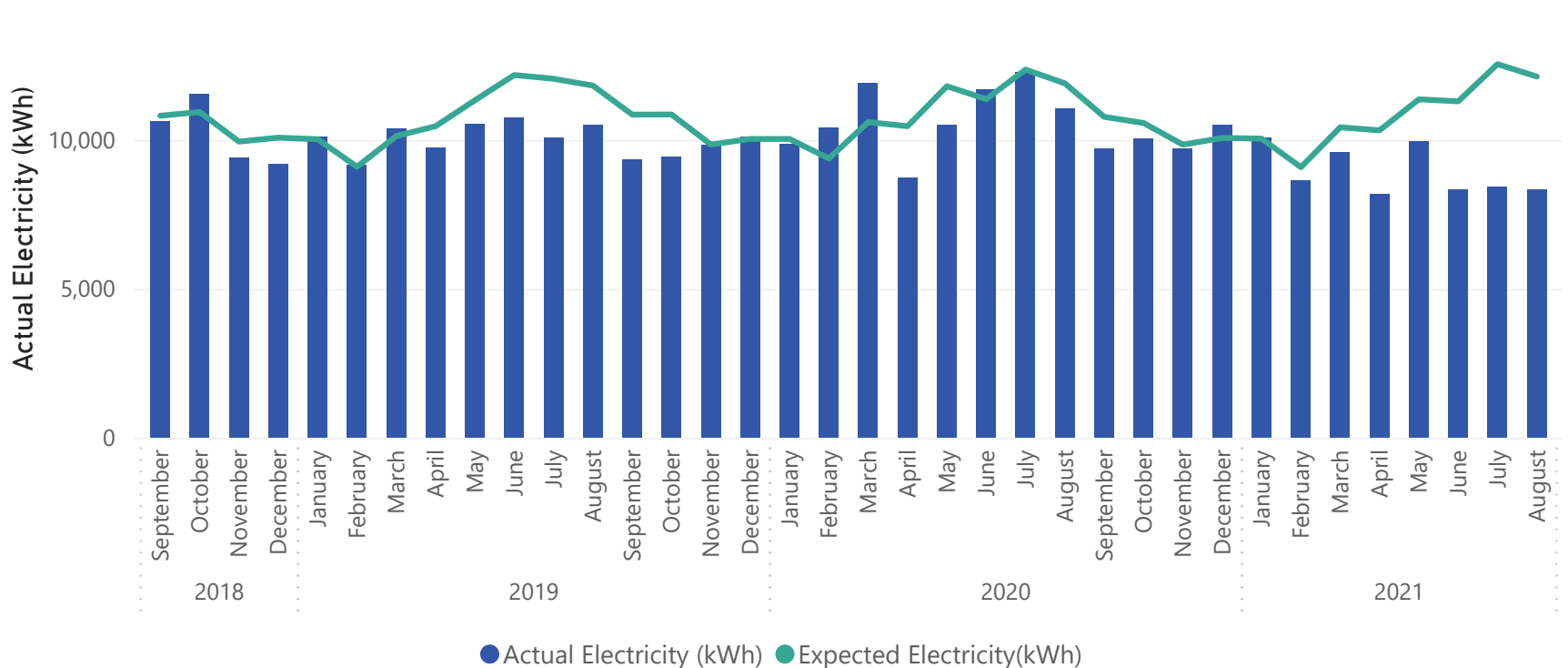
Comments:

Electricity use in August 2021 compared to August 2020 is 25% lower and gas use was is 59% lower for the same period.

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 are likely attributed to the Museum and Research Centre being closed to public during alert levels 3 and 4.

Rolling 12 month savings have increased this month.

Museum Research Centre Electricity Use Compared to Baseline (kWh)

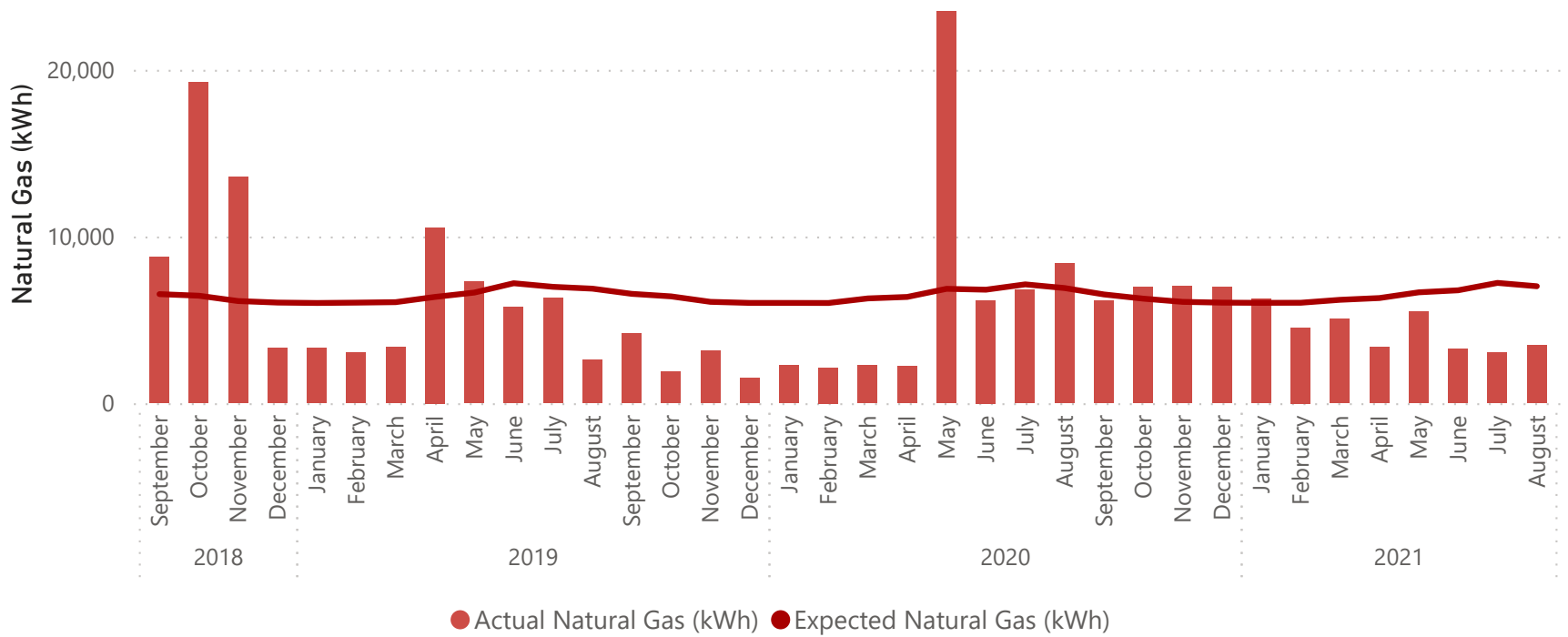


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

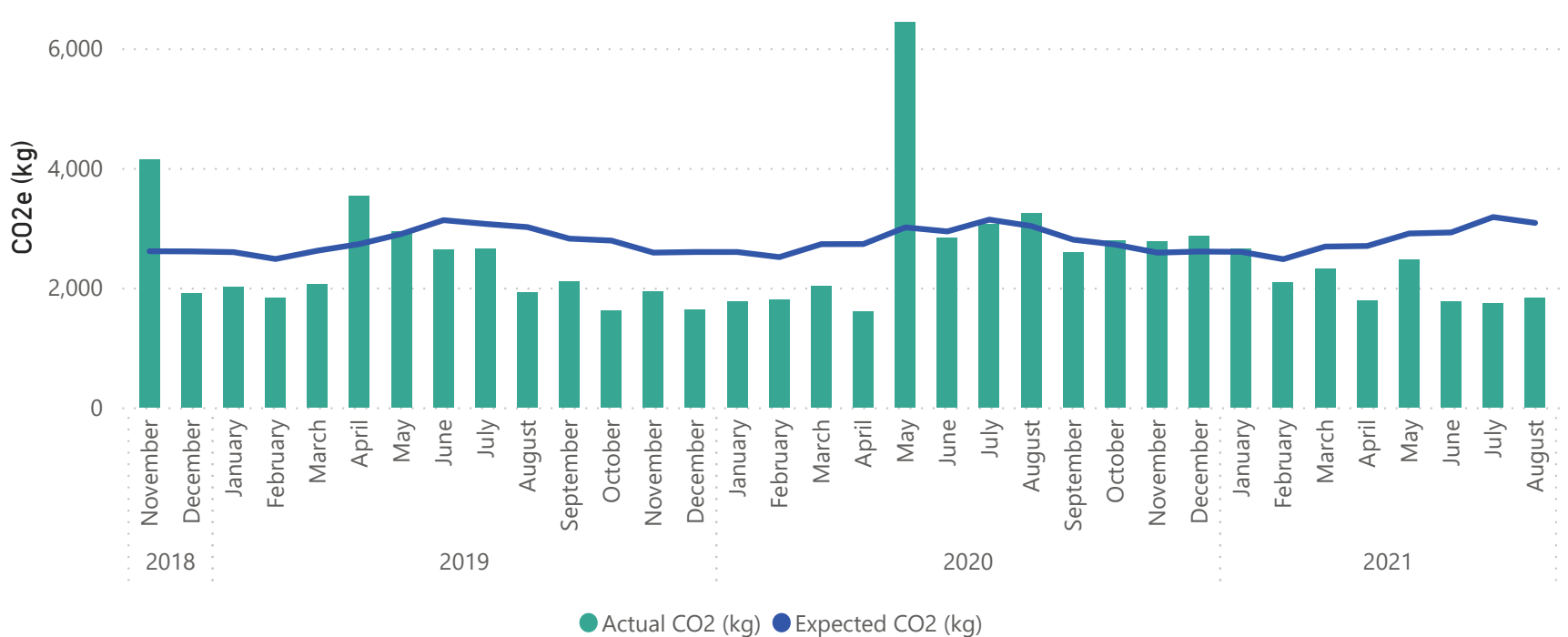
Whakatane District Council

Museum and Research Centre

Museum Research Centre Natural Gas Compared to Baseline (kWh)



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

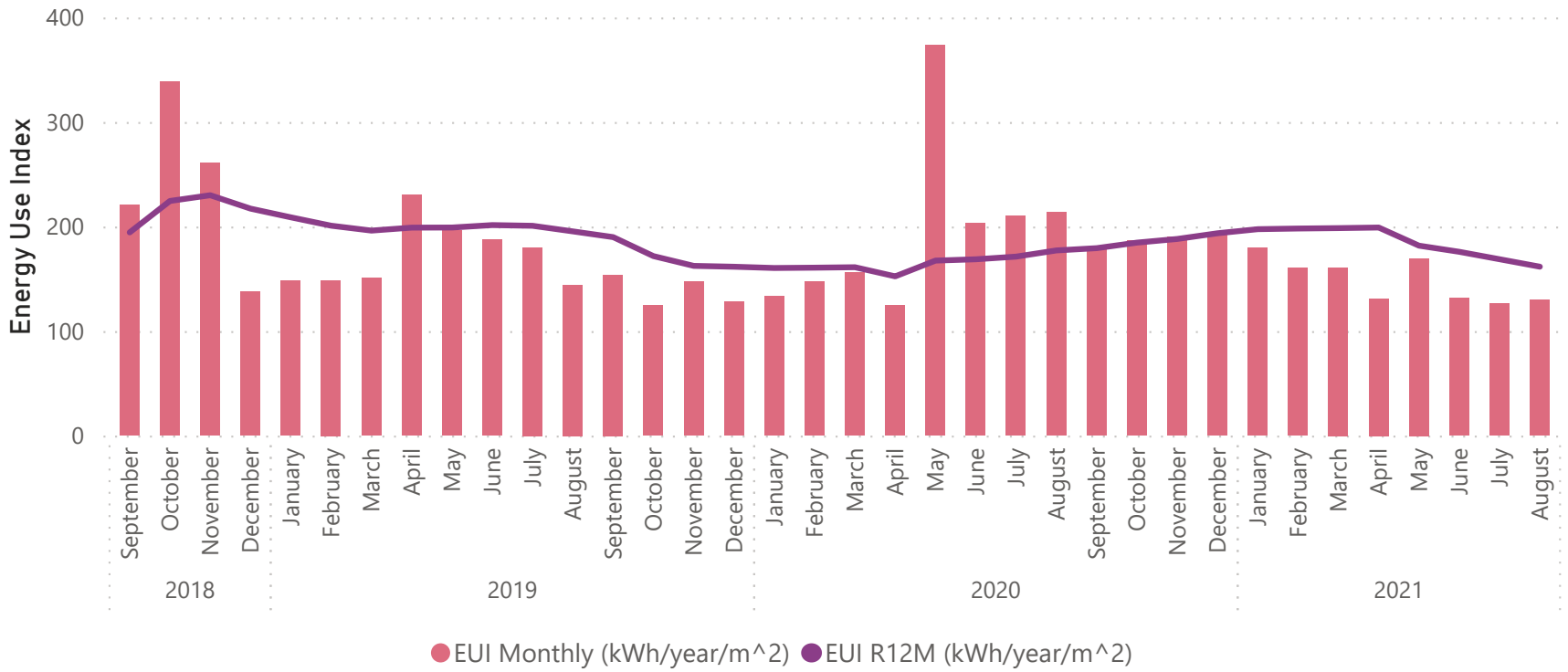


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

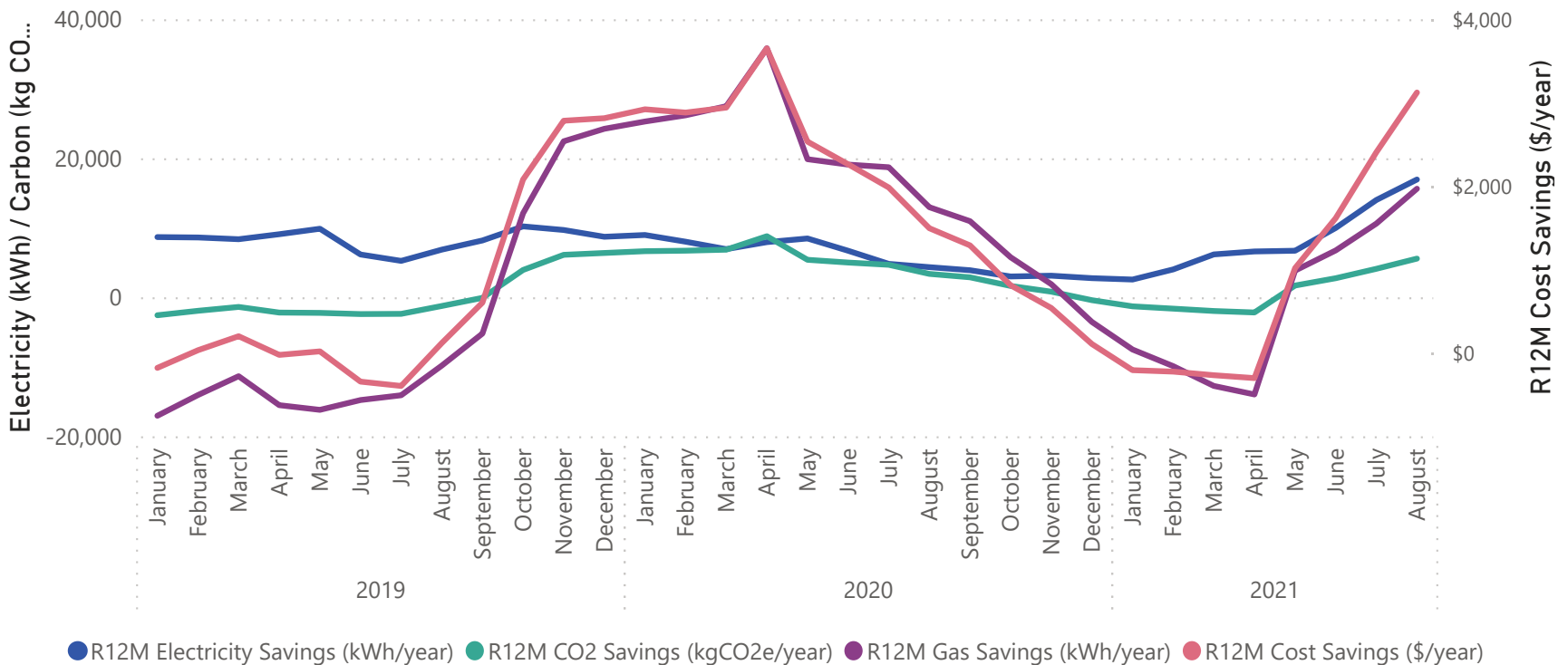
Whakatane District Council

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

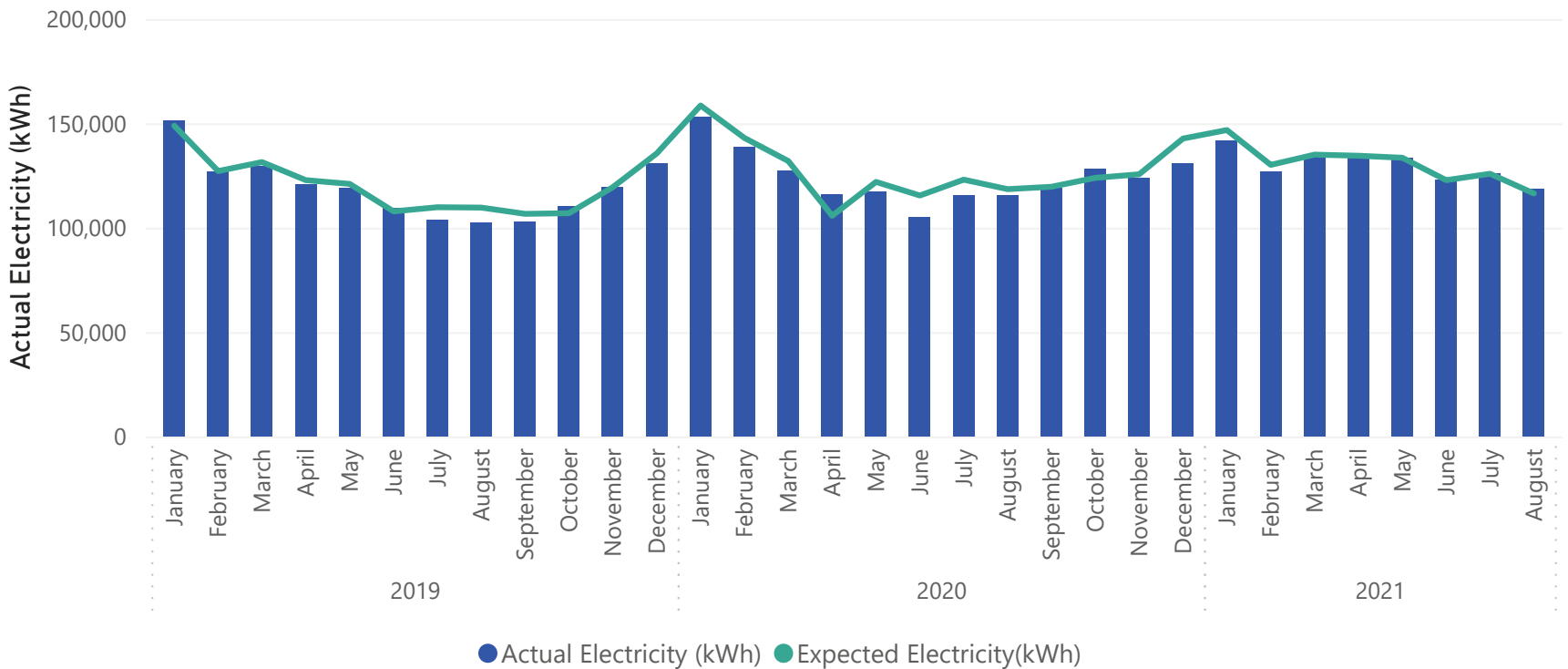
Water Treatment Plant

<p>-\$267 Monthly Energy Cost Savings</p>	<p>-2,312 Elec. Savings (kWh/mo)</p>	<p>-2% Elec. Savings (%)</p>	<p>17,678 R12M Electricity Savings (kWh/yr)</p>	<p>-298 CO2e Savings (kg/mo)</p>
<p>\$1,801 R12M Energy Cost Savings</p>				<p>2,275 R12M CO2e Savings (kg/yr)</p>

Comments:

Metering for April to July 2021 was incorrect and was previously only picking up approximately half of the actual value. To rectify this in monitoring, electricity use for those months have been set equal to expected electricity use.

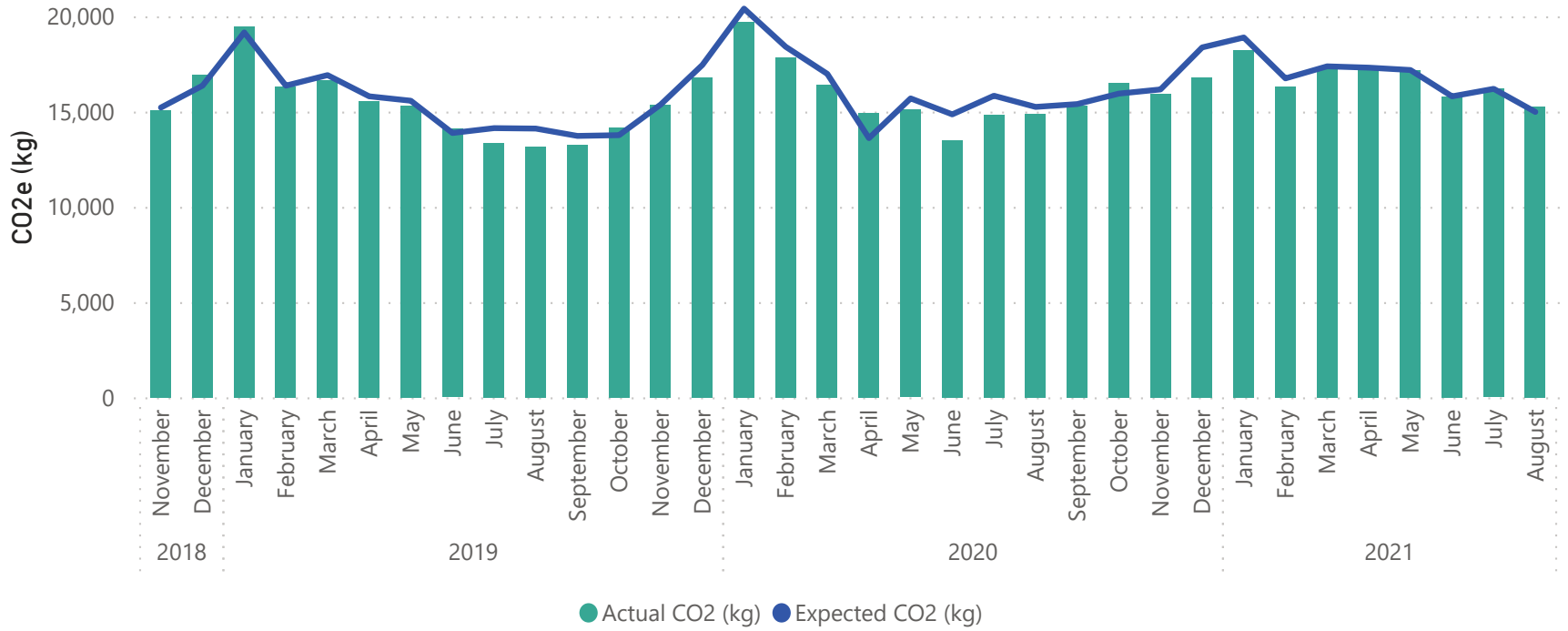
Water Treatment Plant Electricity Use Compared to Baseline (kWh)



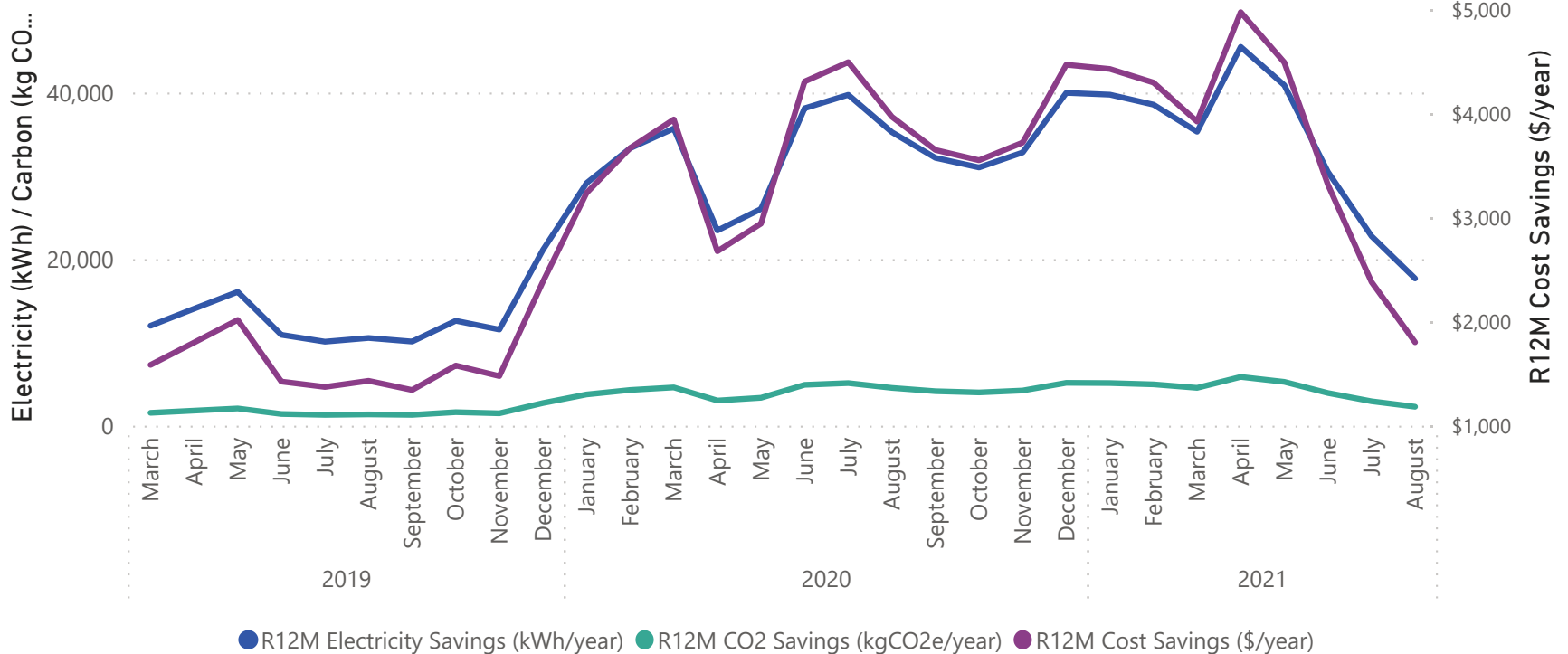
Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council Water Treatment Plant

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



Water Treatment Plant Cumulative Rolling 12 Month Savings

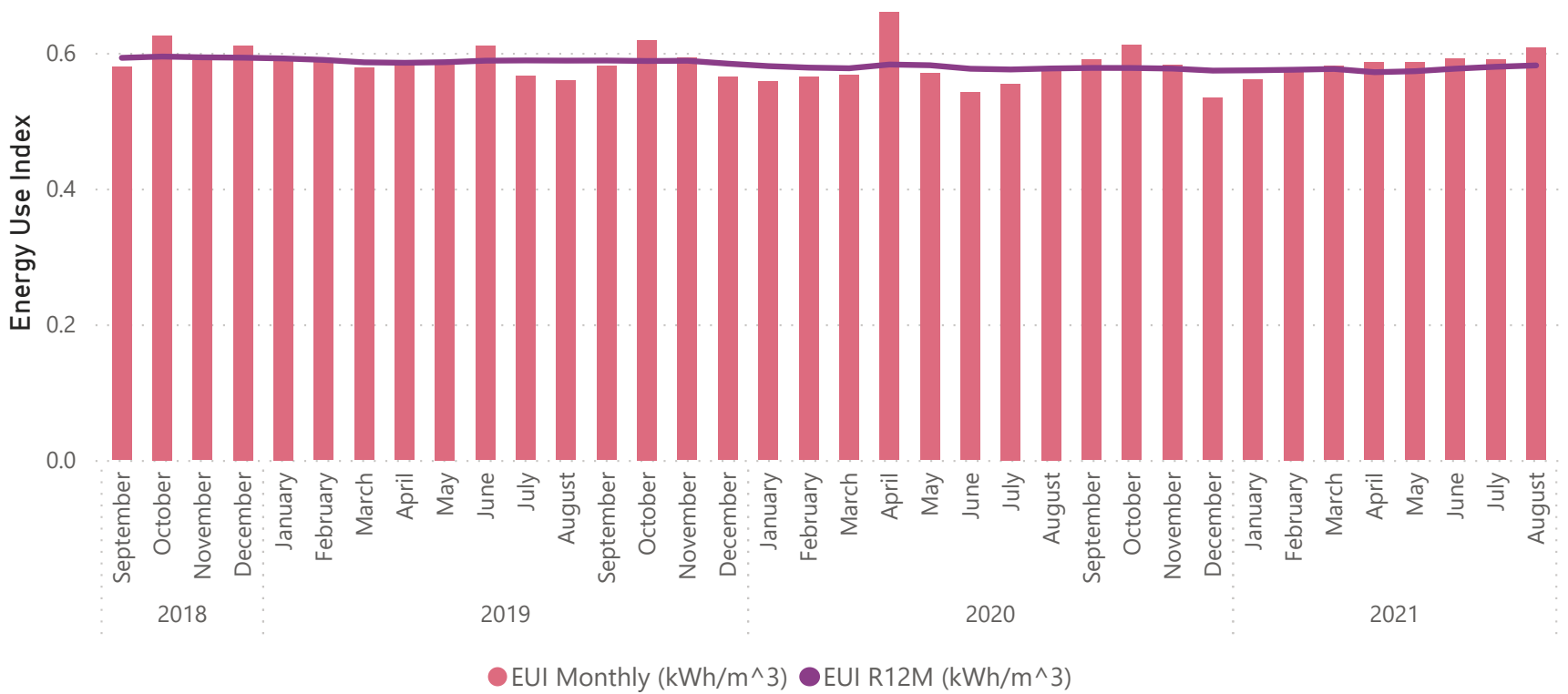


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

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

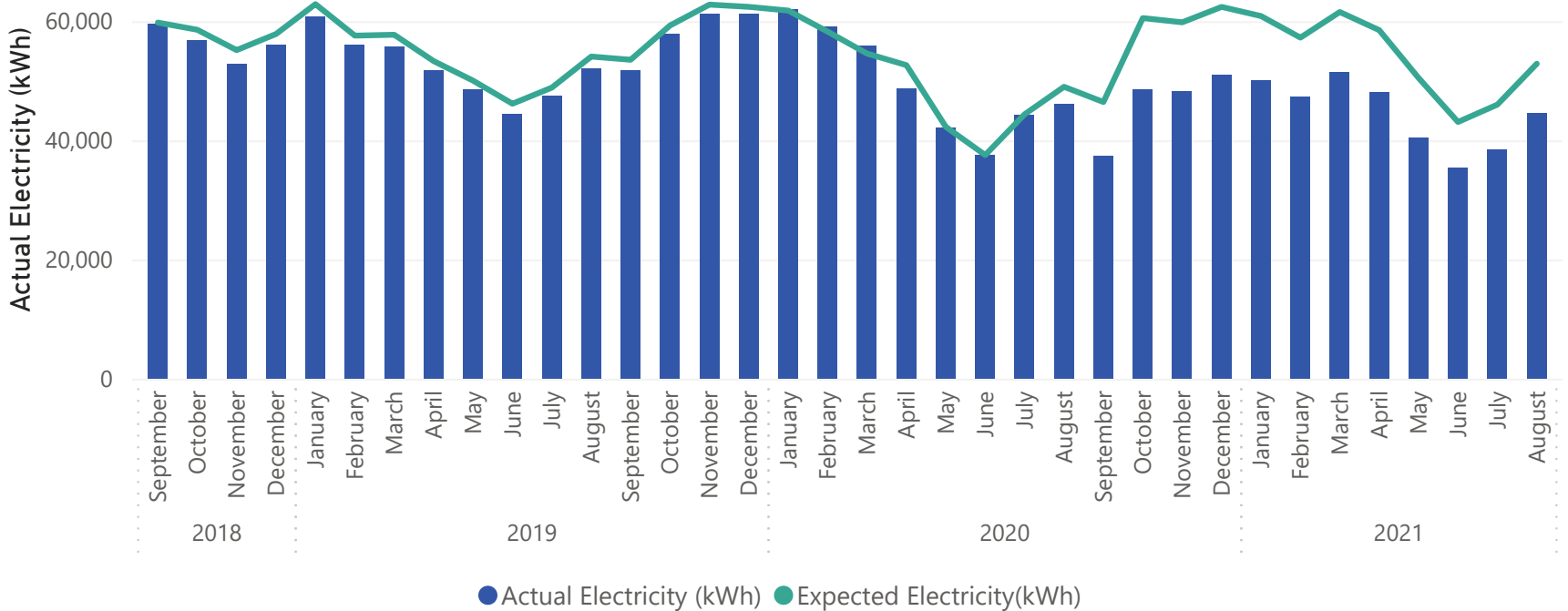
Braemar Road Pump Station

<p>\$986 Monthly Energy Cost Savings</p>	<p>8,312 Elec. Savings (kWh/mo)</p>	<p>16% Elec. Savings (%)</p>	<p>118,884 R12M Electricity Savings (kWh/yr)</p>	<p>1,134 CO2e Savings (kg/mo)</p>
<p>\$12,795 R12M Energy Cost Savings</p>				<p>15,917 R12M CO2e Savings (kg/yr)</p>

Comments:

This month marks a full 12 months of operation for the high efficiency pumps and motors. Rolling 12 month savings have set a new record, with savings of \$12,800 per year, 118,900 kWh per year, and 15,900 kgCO2e per year.

Braemar Rd Pumps Electricity Use Compared to Baseline (kWh)

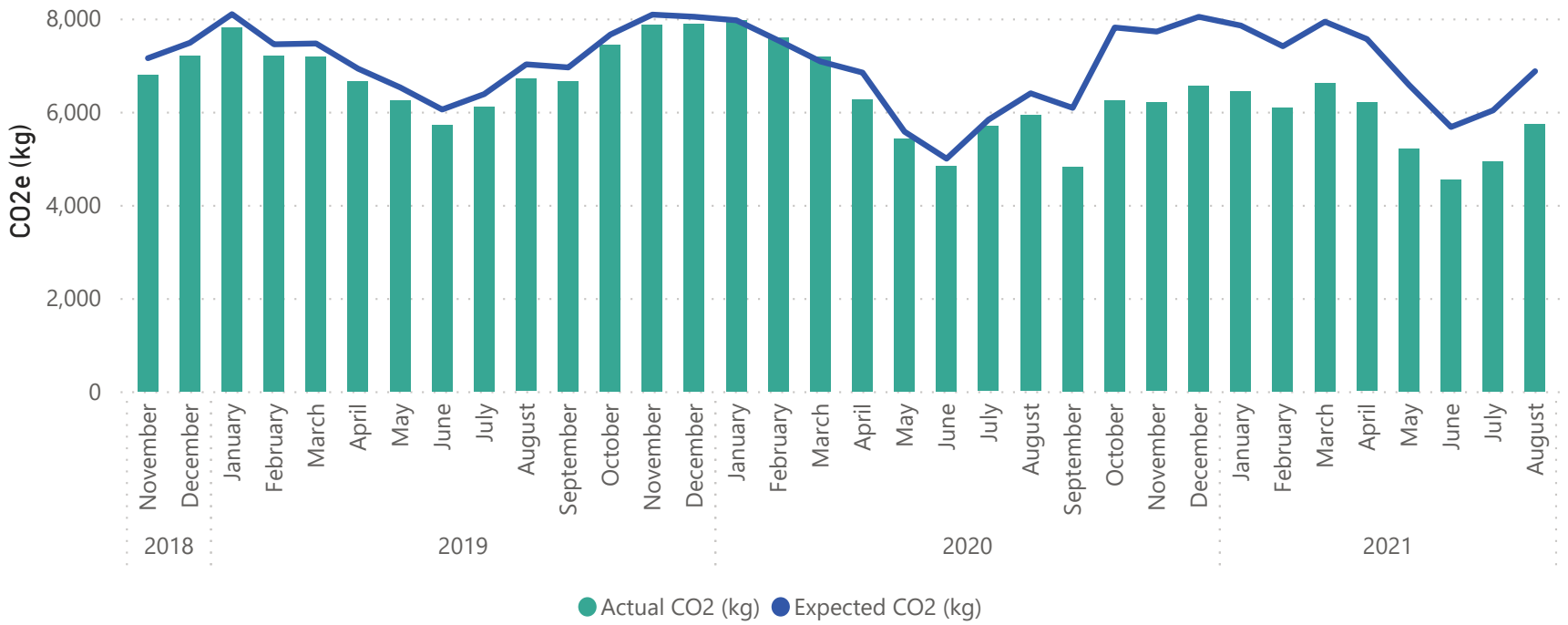


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

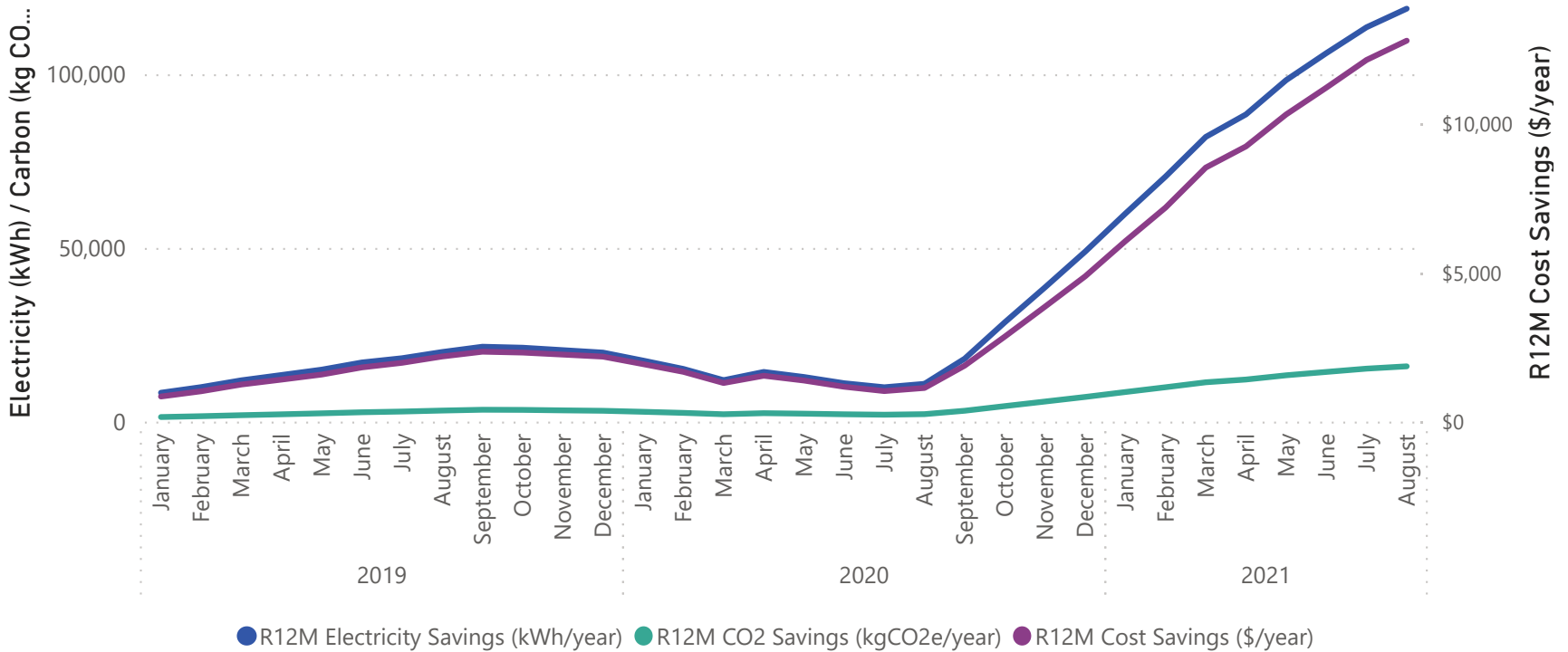
Whakatane District Council

Braemar Road Pump Station

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



Braemar Rd Pumps Cumulative Rolling 12 Month Savings

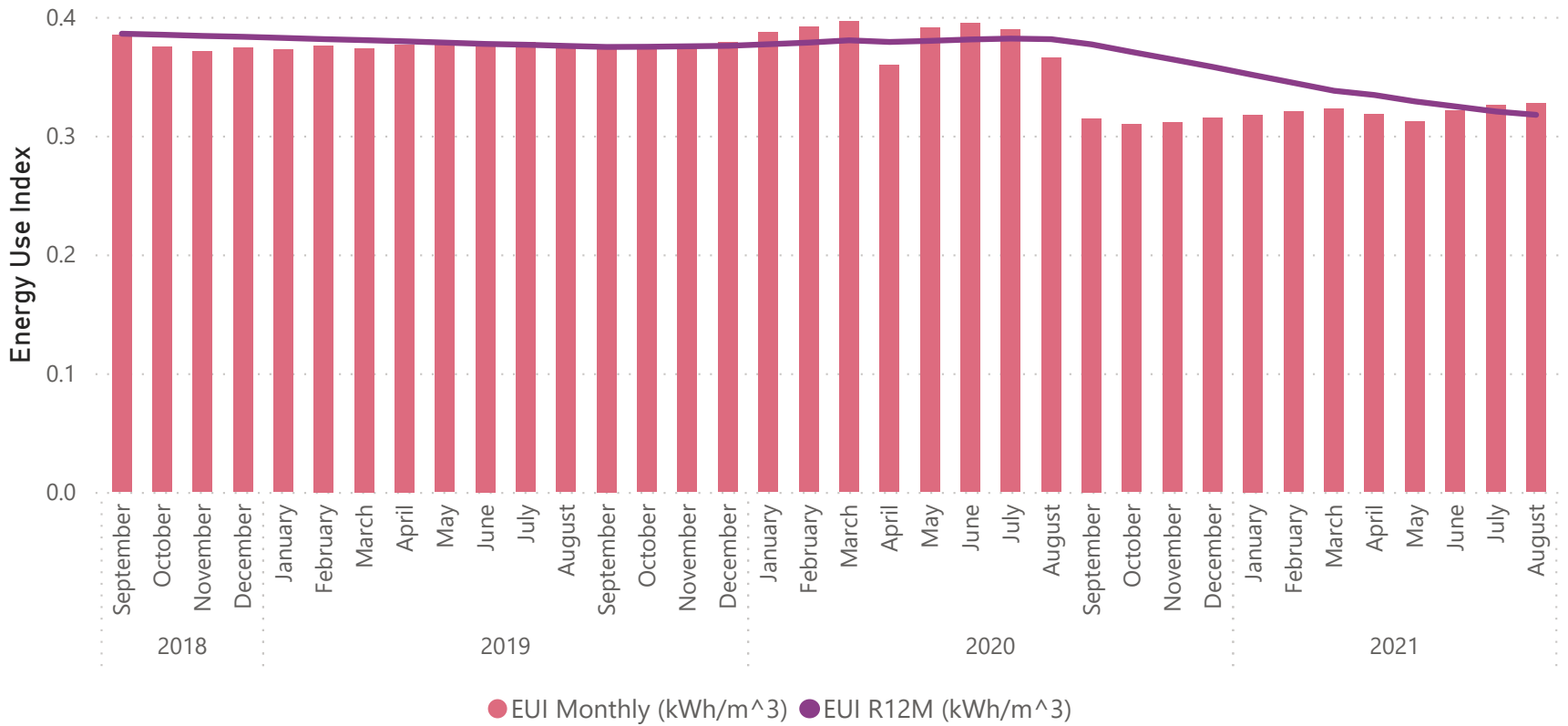


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Braemar Road Pump Station

Braemar 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

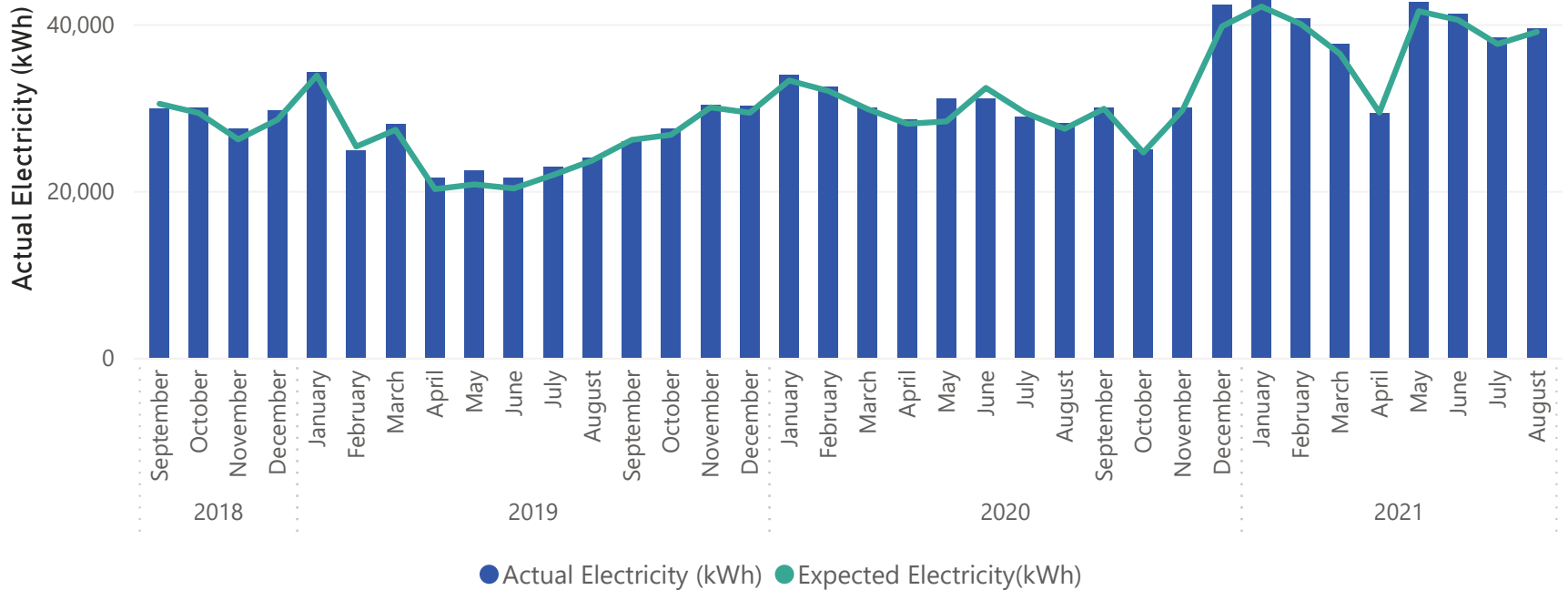
Paul Road Pump Station

<p>-\$42 Monthly Energy Cost Savings</p>	<p>-358 Elec. Savings (kWh/mo)</p>	<p>-1% Elec. Savings (%)</p>	<p>-9,869 R12M Electricity Savings (kWh/yr)</p>	<p>-45 CO2e Savings (kg/mo)</p>
<p>-\$1,049 R12M Energy Cost Savings</p>				<p>-1,261 R12M CO2e Savings (kg/yr)</p>

Comments:

On an EUI basis, the pumps are still operating consistently at a rate of approximately 0.65 kWh per cubic meter.

Paul Rd Pumps Electricity Use Compared to Baseline (kWh)

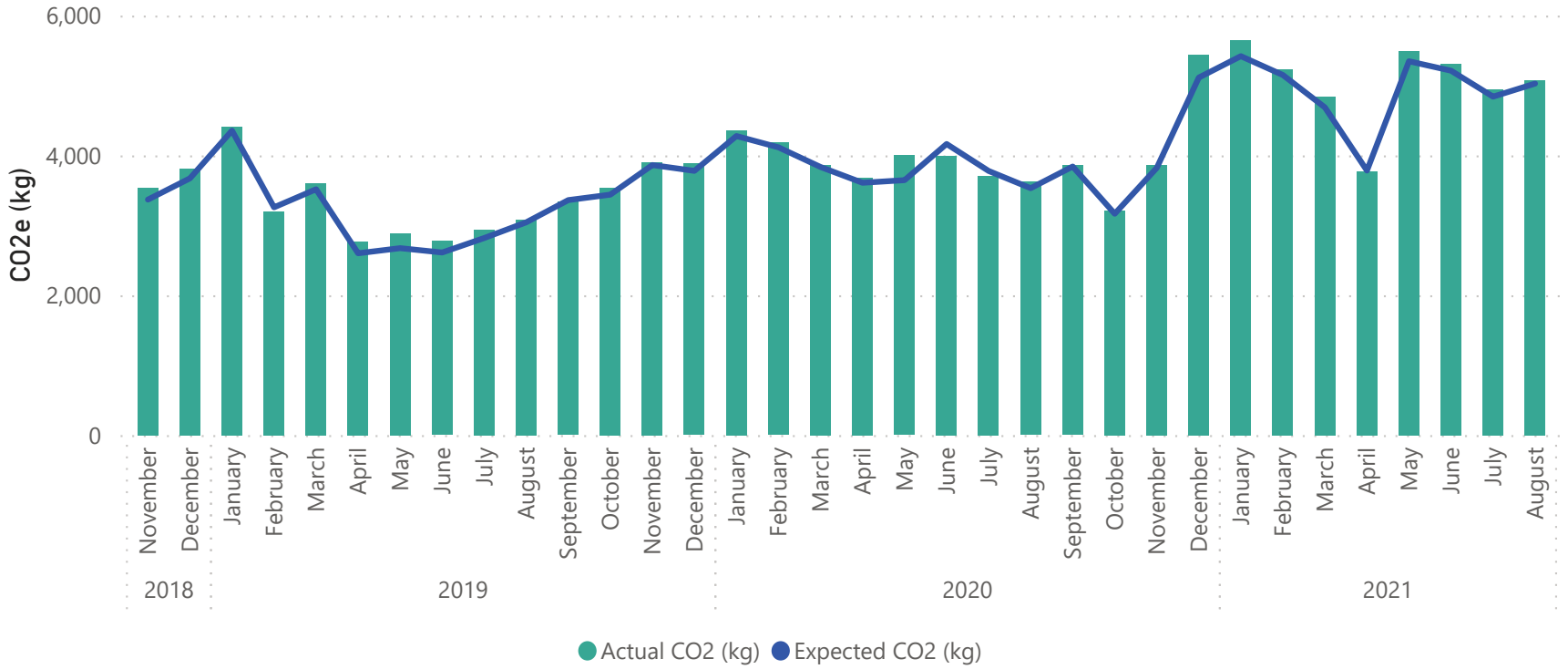


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

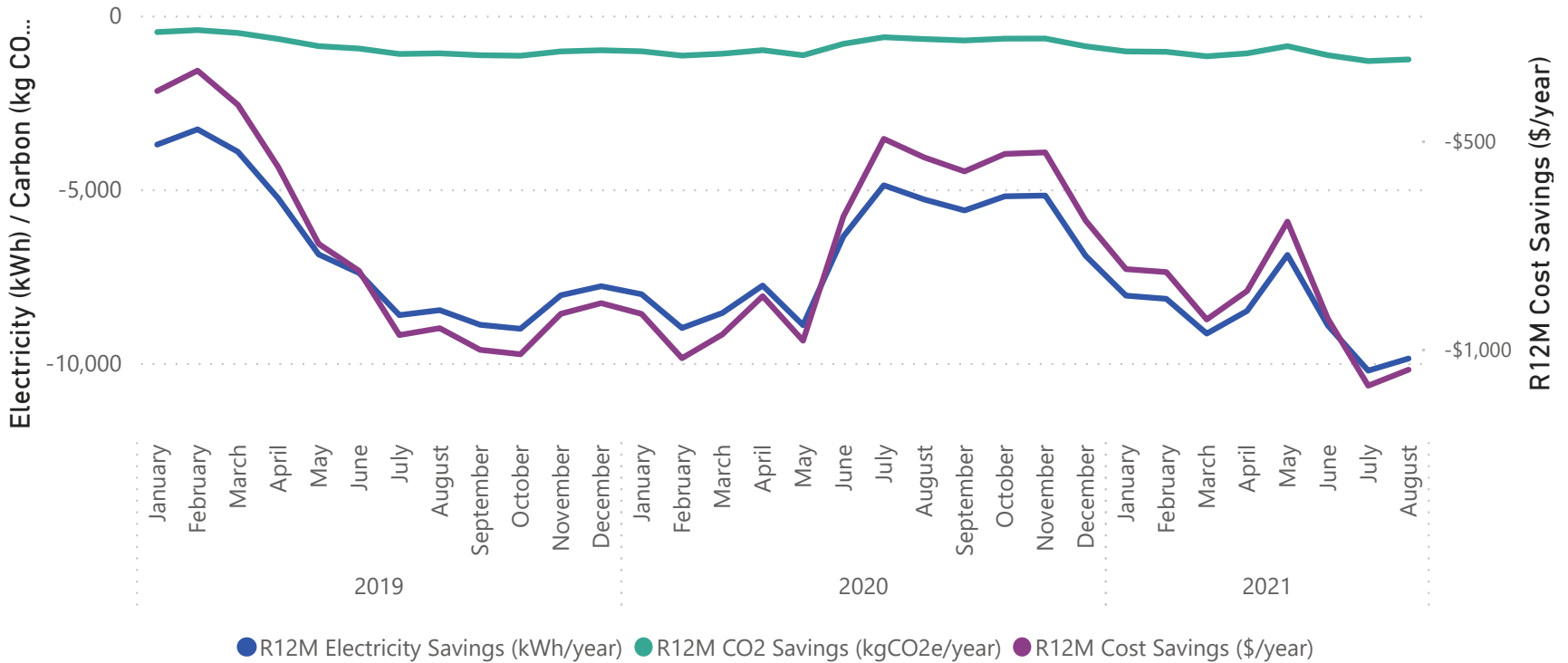
Whakatane District Council

Paul Road Pump Station

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



Paul Rd Pumps Cumulative Rolling 12 Month Savings

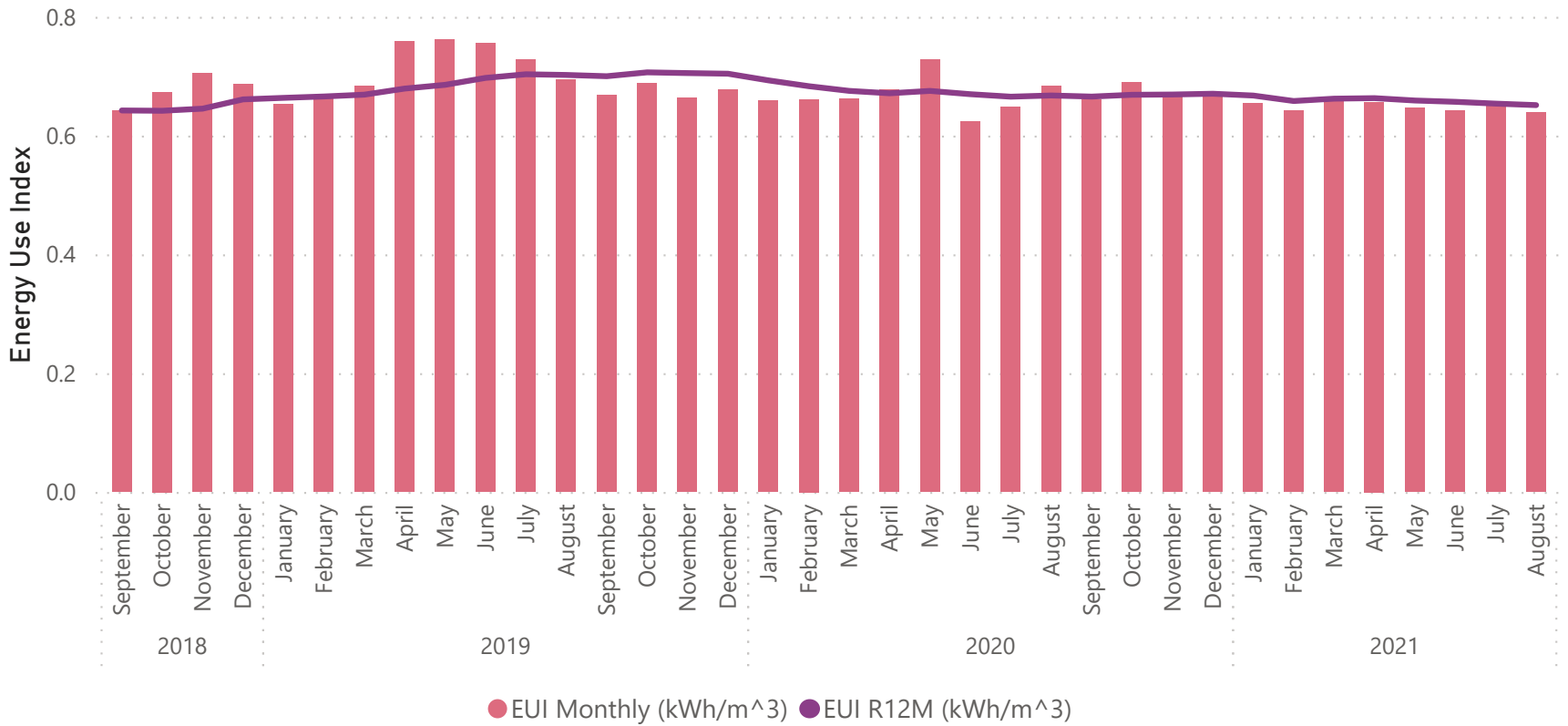


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Paul Road Pump Station

Paul 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 Road Pump Station

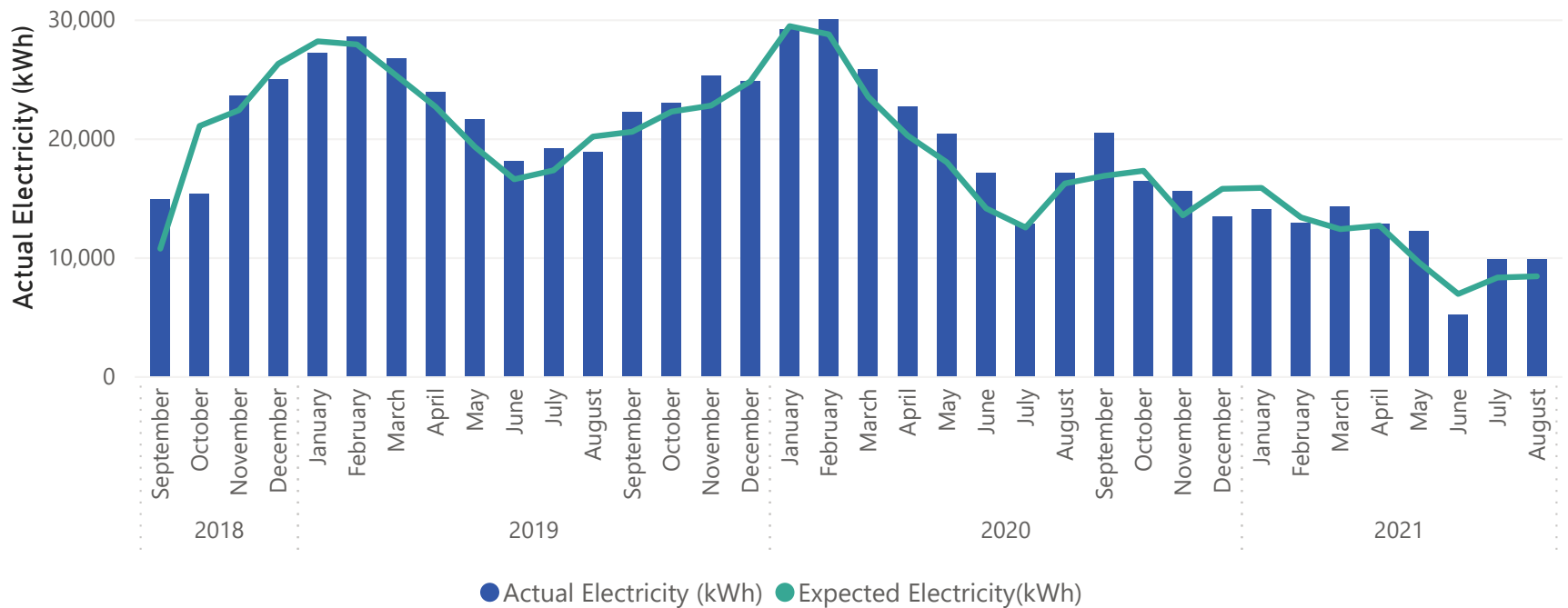
<p>-\$322 Monthly Energy Cost Savings</p>	<p>-1,462 Elec. Savings (kWh/mo)</p>	<p>-17% Elec. Savings (%)</p>	<p>-6,052 R12M Electricity Savings (kWh/yr)</p>	<p>-188 CO2e Savings (kg/mo)</p>
<p>-\$1,328 R12M Energy Cost Savings</p>				<p>-773 R12M CO2e Savings (kg/yr)</p>

Comments:

Generally, both Paul Road and Johnson Rd's EUIs are approximately twice as high compared to Bridger Glade and Braemar Road on a kWh per cubic meter pumped basis. This may be due to operating at different pressures.

For May to August 2021, Johnson Road Pump Station's EUI has increased by approximately 60% compared to previous 12 months. The month of August had an EUI of 1.18, 76% higher than average for the 12 months ending April 2021. As Johnson Road Pump Station has a non-zero baseload, it is expected that as the pump station is used less, the EUI will also increase.

Johnson Rd Pumps Electricity Use Compared to Baseline (kWh)

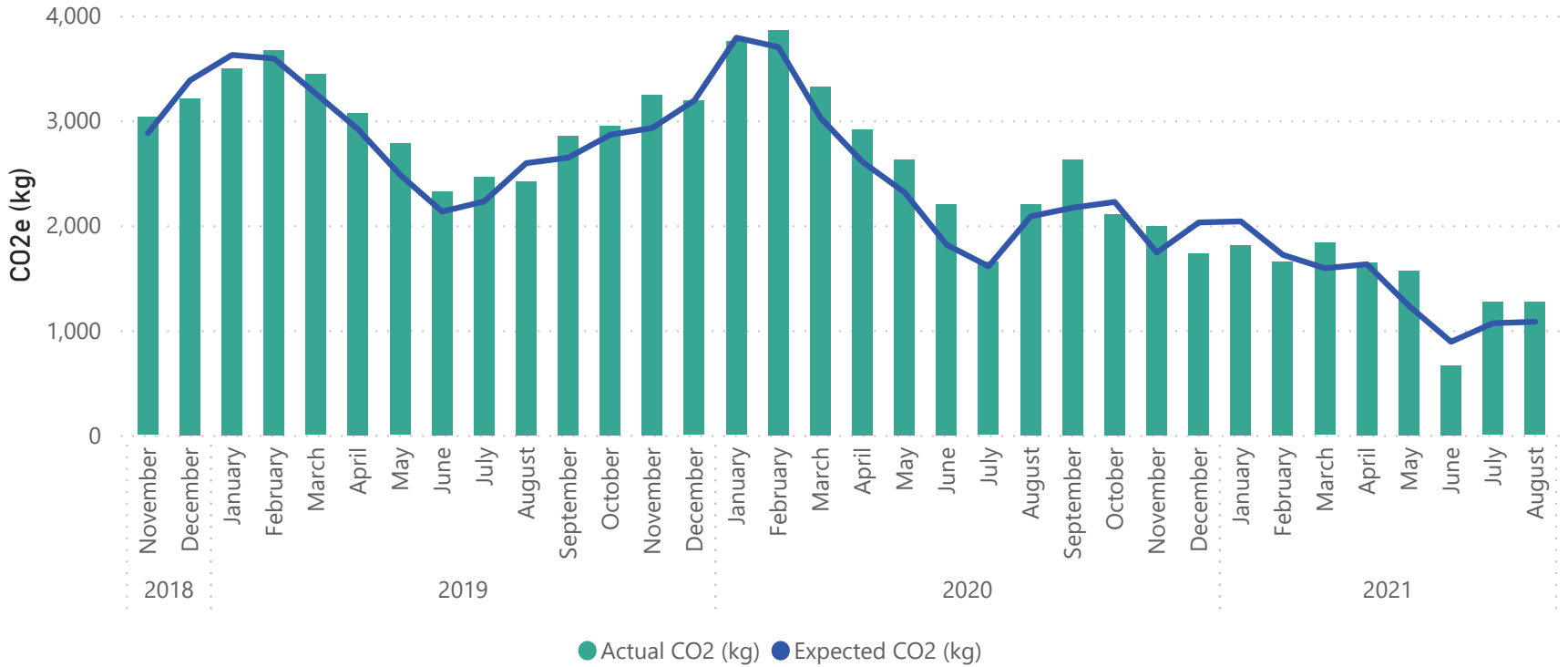


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

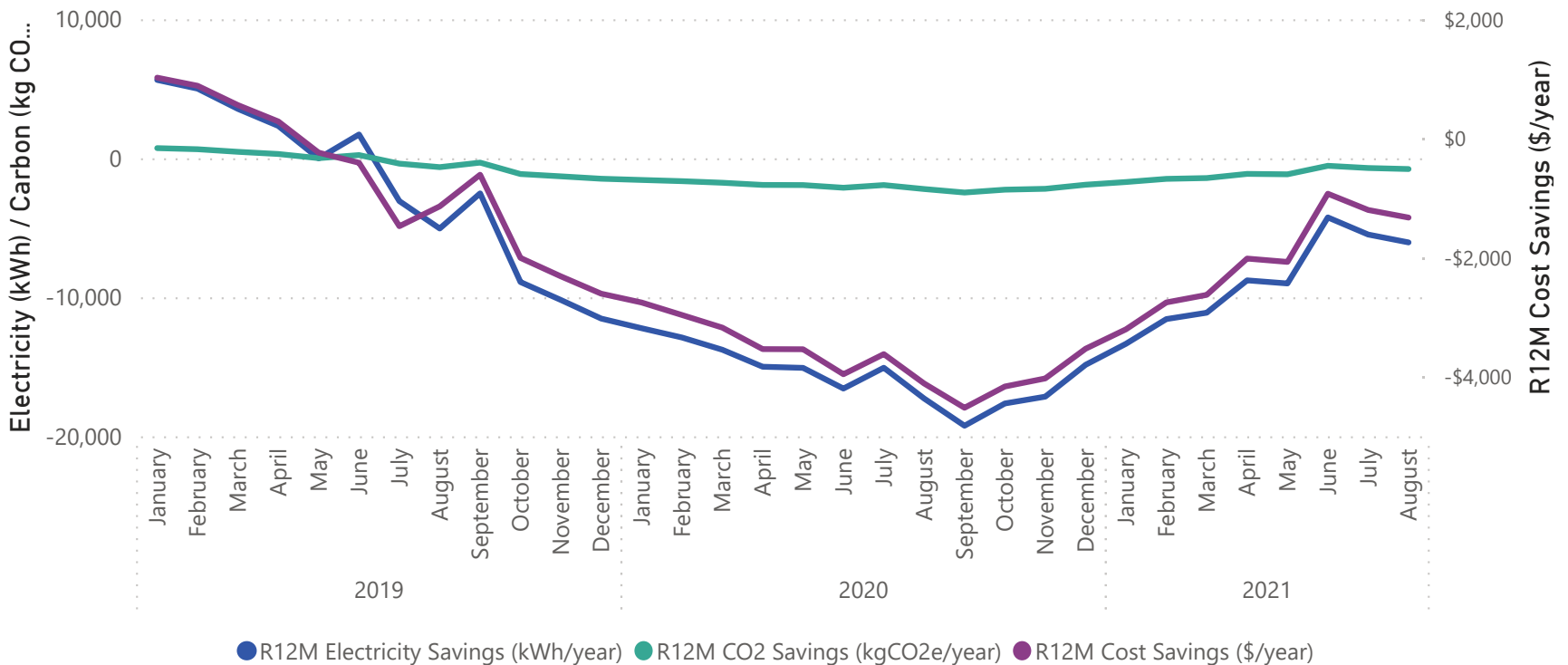
Whakatane District Council

Johnson Road Pump Station

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



Johnson Rd Pumps Cumulative Rolling 12 Month Savings

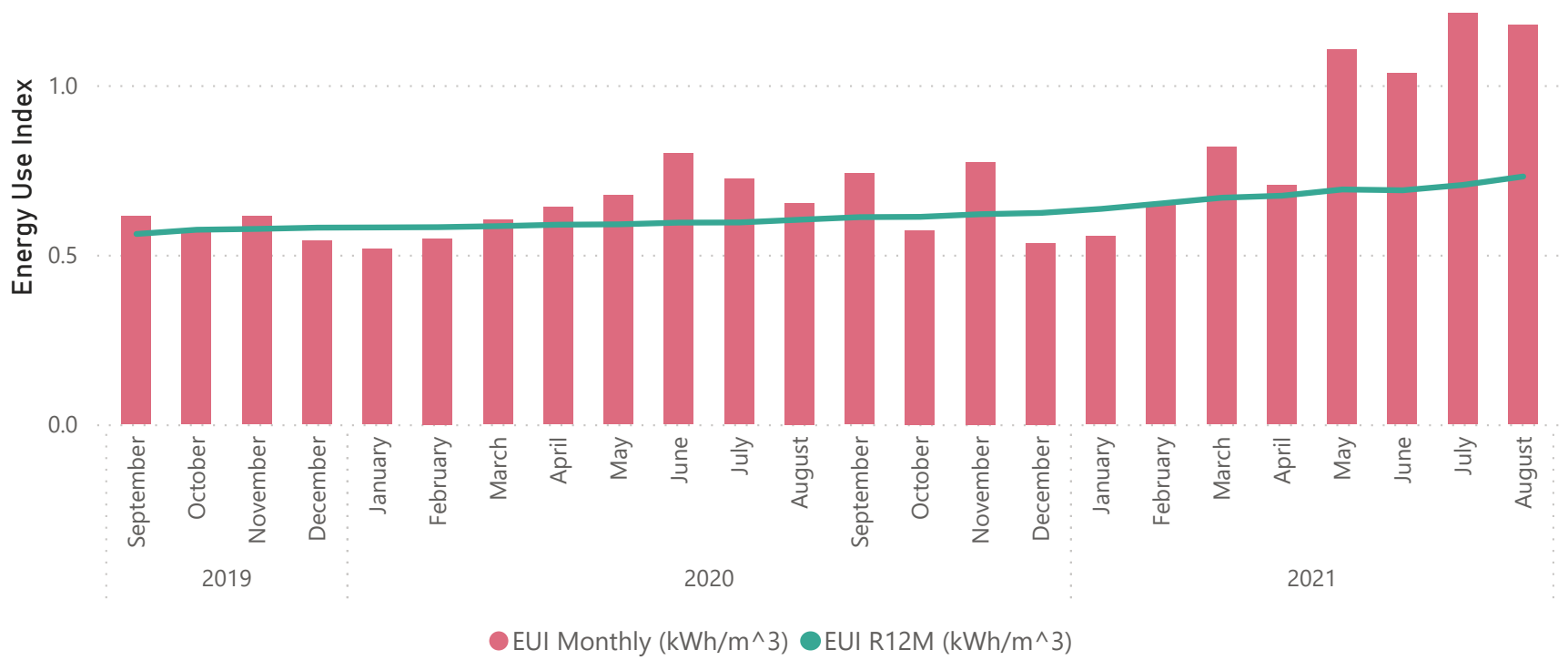


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

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

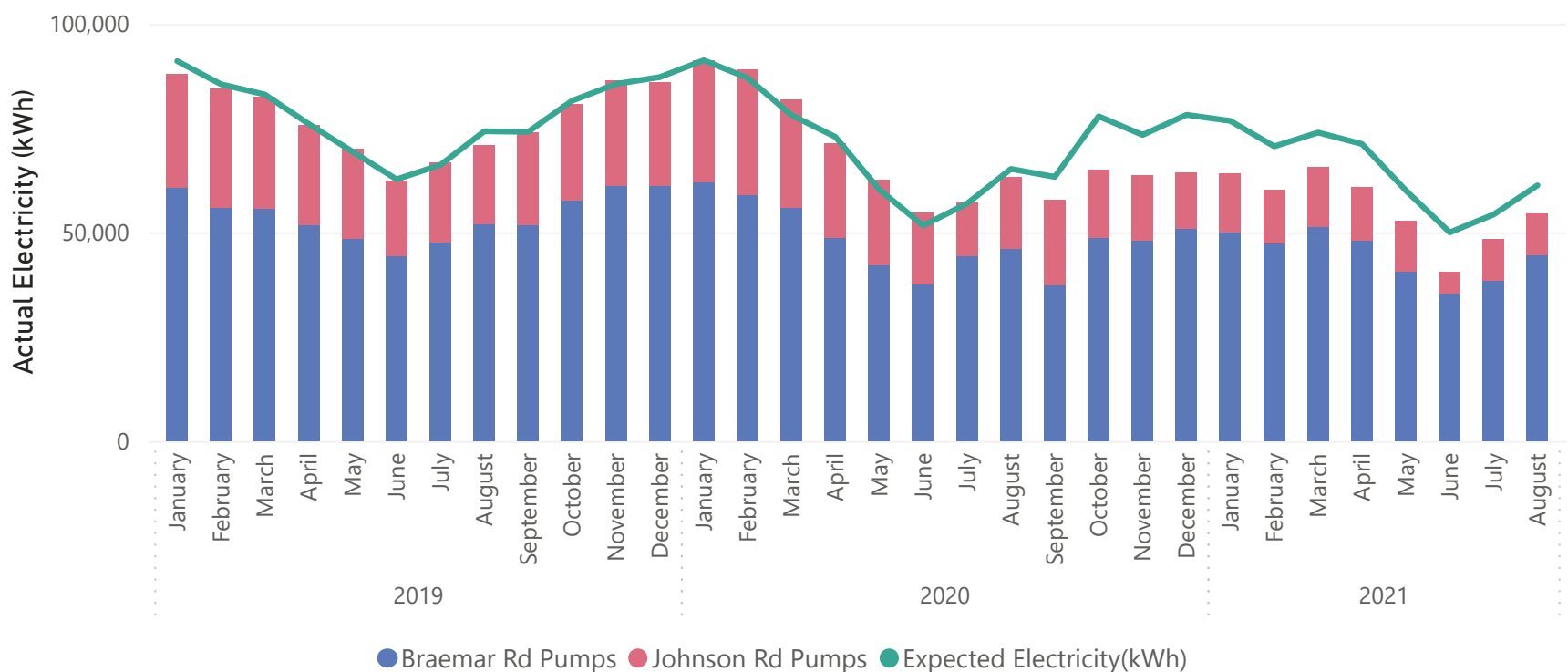
<p>\$664 Monthly Energy Cost Savings</p>	<p>6,850 Elec. Savings (kWh/mo)</p>	<p>11% Elec. Savings (%)</p>	<p>112,832 R12M Electricity Savings (kWh/yr)</p>	<p>947 CO2e Savings (kg/mo)</p>
<p>\$11,466 R12M Energy Cost Savings</p>				<p>15,145 R12M CO2e Savings (kg/yr)</p>

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.

Recently, Johnson Road pump station's EUI has increased and Braemar pumps are using approximately 72% less energy to pump the same amount of water, on a kWh per cubic meter basis. The combined EUI for Johnson Road and Braemar Road in August was 0.38 kWh per cubic meter.

Johnson and Braemar Rd Pump Stations Electricity Use Compared to Baseline (kWh)

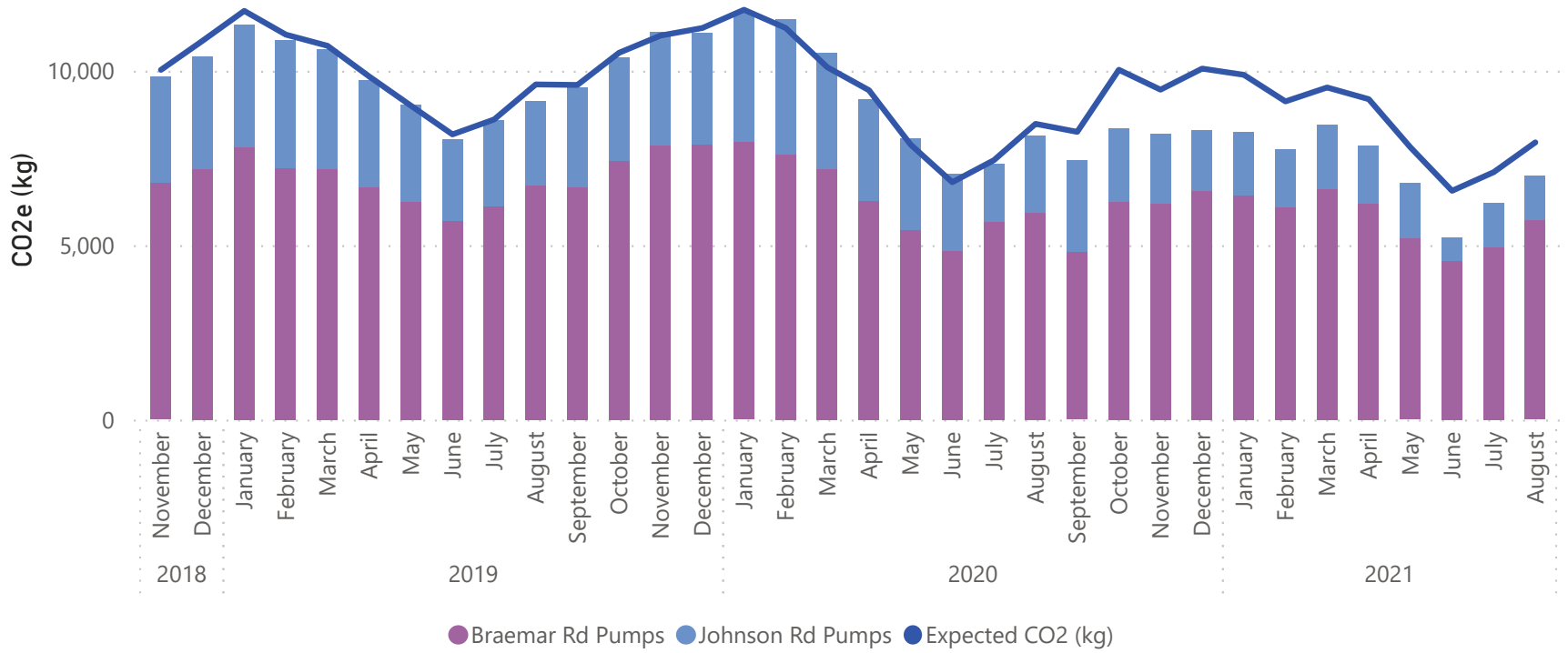


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

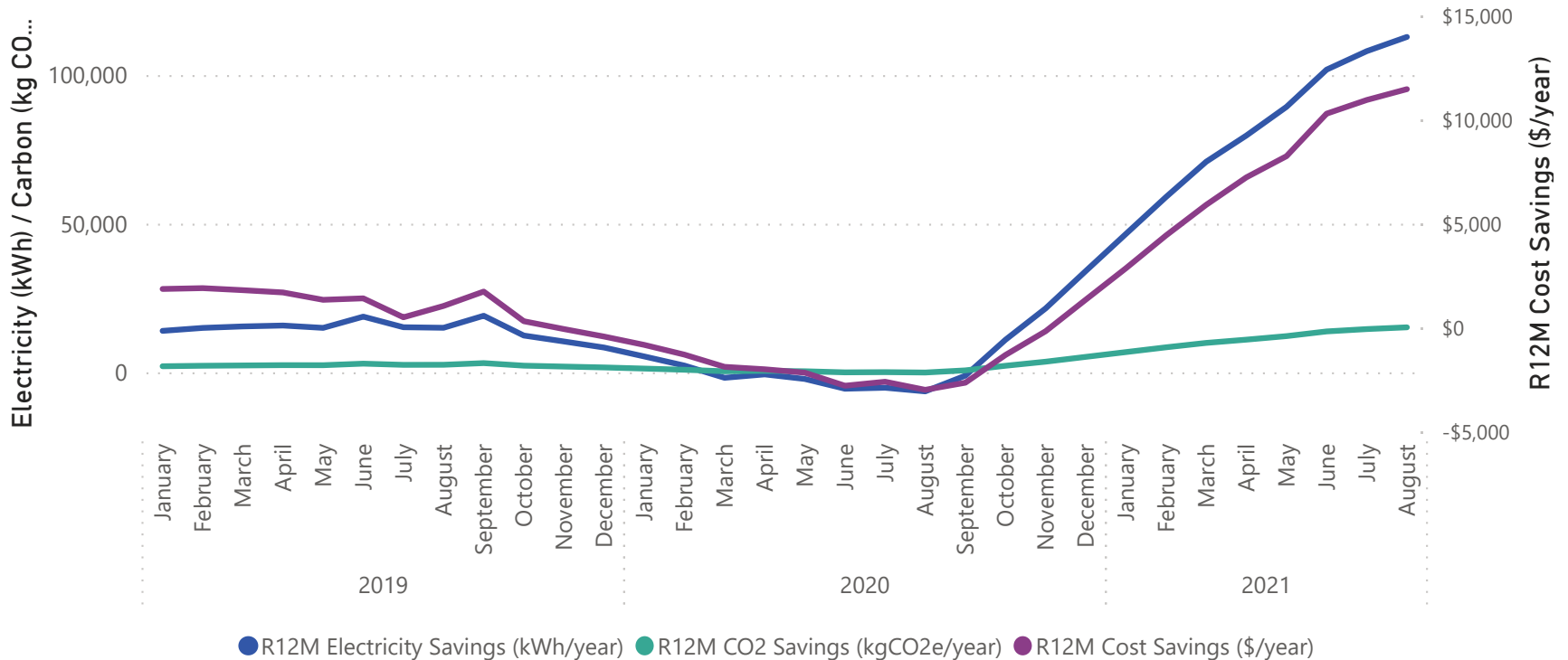
Whakatane District Council

Johnson 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

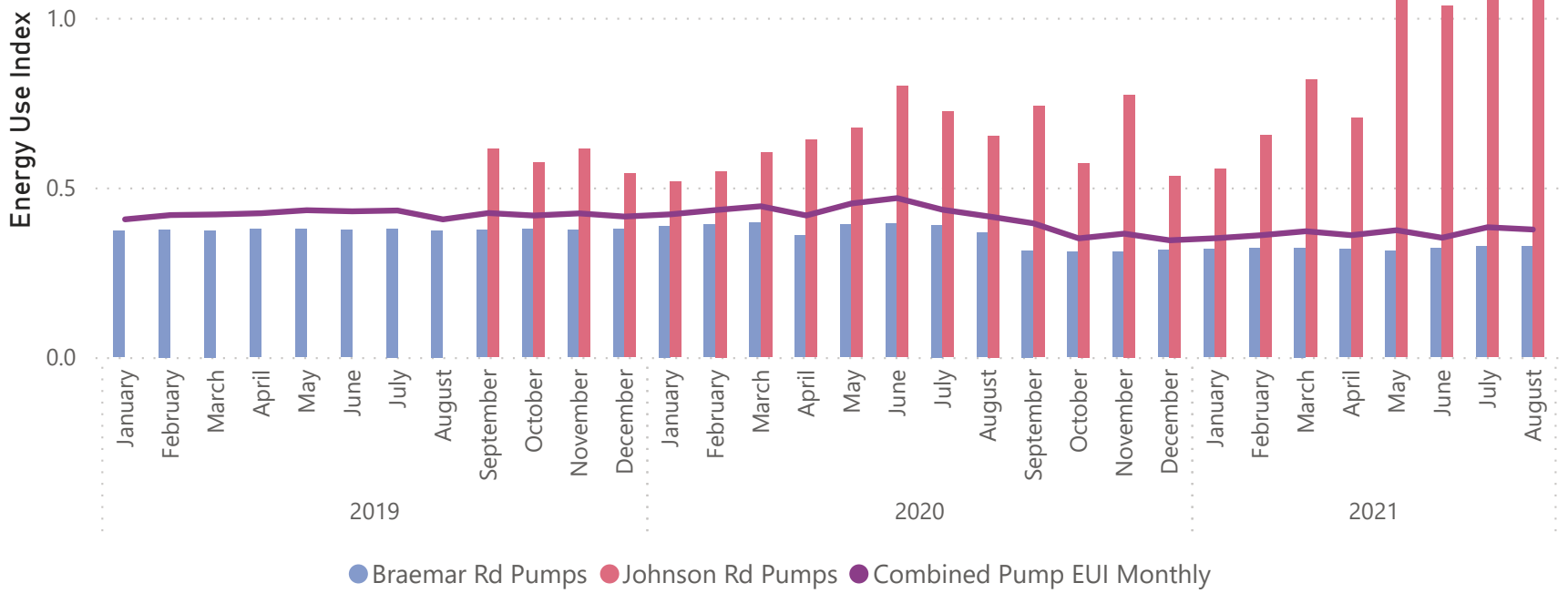


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

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

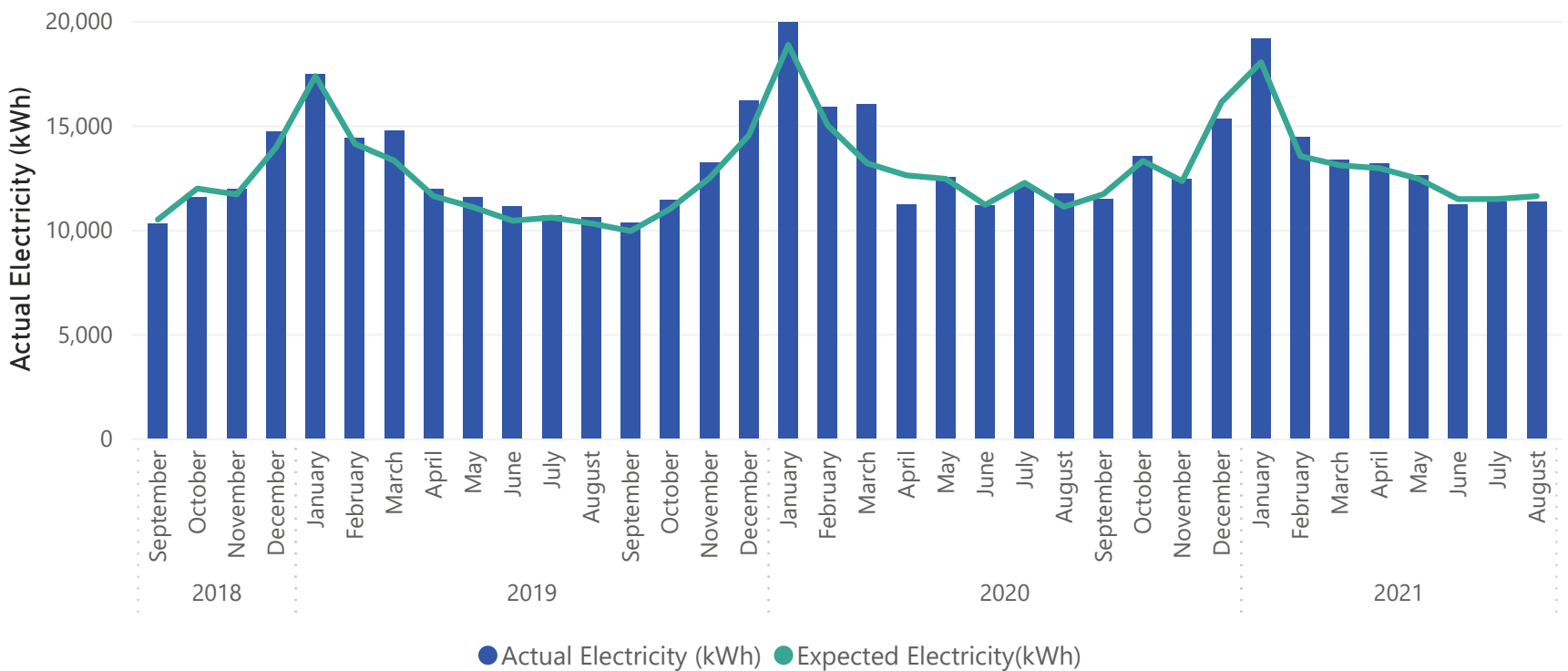
Bridger Glade Pump Station

<p>\$46</p> <p>Monthly Energy Cost Savings</p>	<p>252</p> <p>Elec. Savings (kWh/mo)</p>	<p>2%</p> <p>Elec. Savings (%)</p>	<p>-1,364</p> <p>R12M Electricity Savings (kWh/yr)</p>	<p>32</p> <p>CO2e Savings (kg/mo)</p>
<p>-\$243</p> <p>R12M Energy Cost Savings</p>				<p>-176</p> <p>R12M CO2e Savings (kg/yr)</p>

Comments:

Electricity use was 2% less than baseline for the month of August 2021 at Bridger Glade pump station. In August 2021 the volume of water pumped was 5% more and electricity was 3% less compared to to August 2020.

Bridger Glade Pumps Electricity Use Compared to Baseline (kWh)

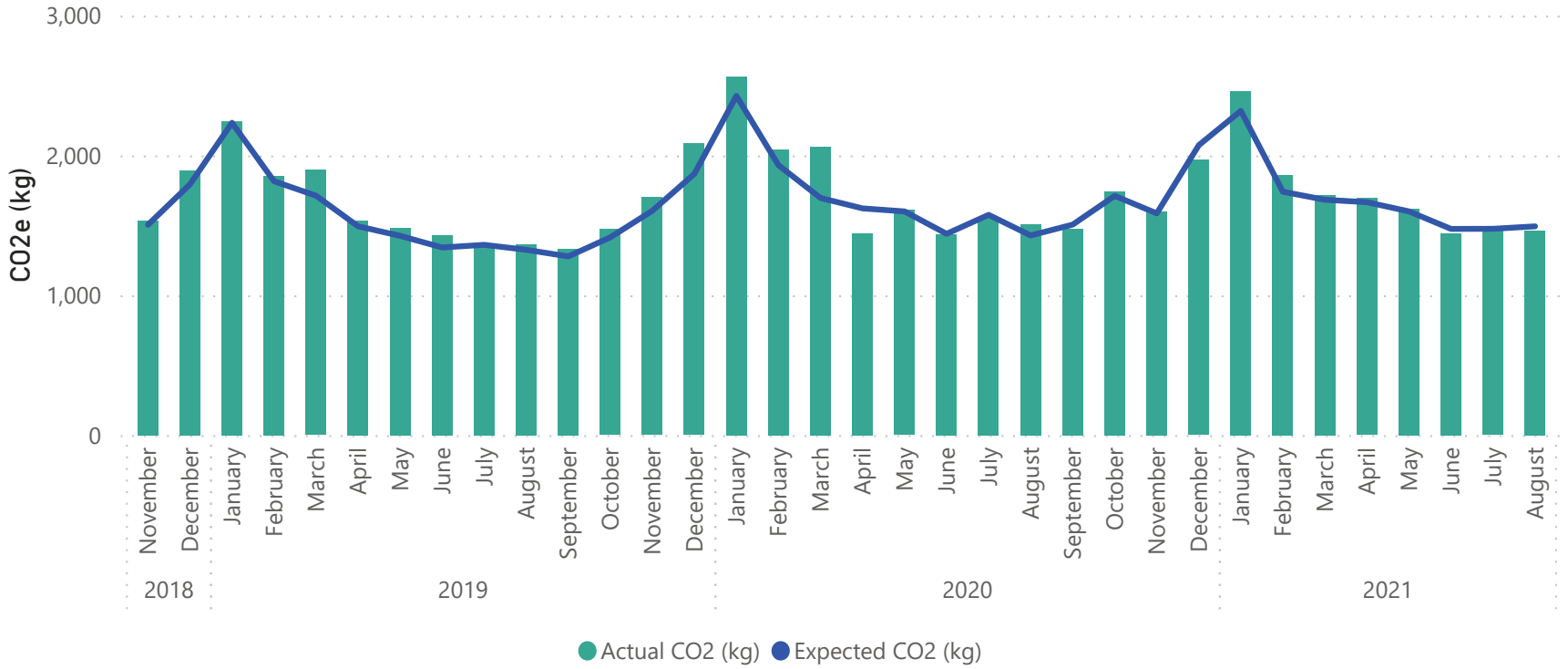


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

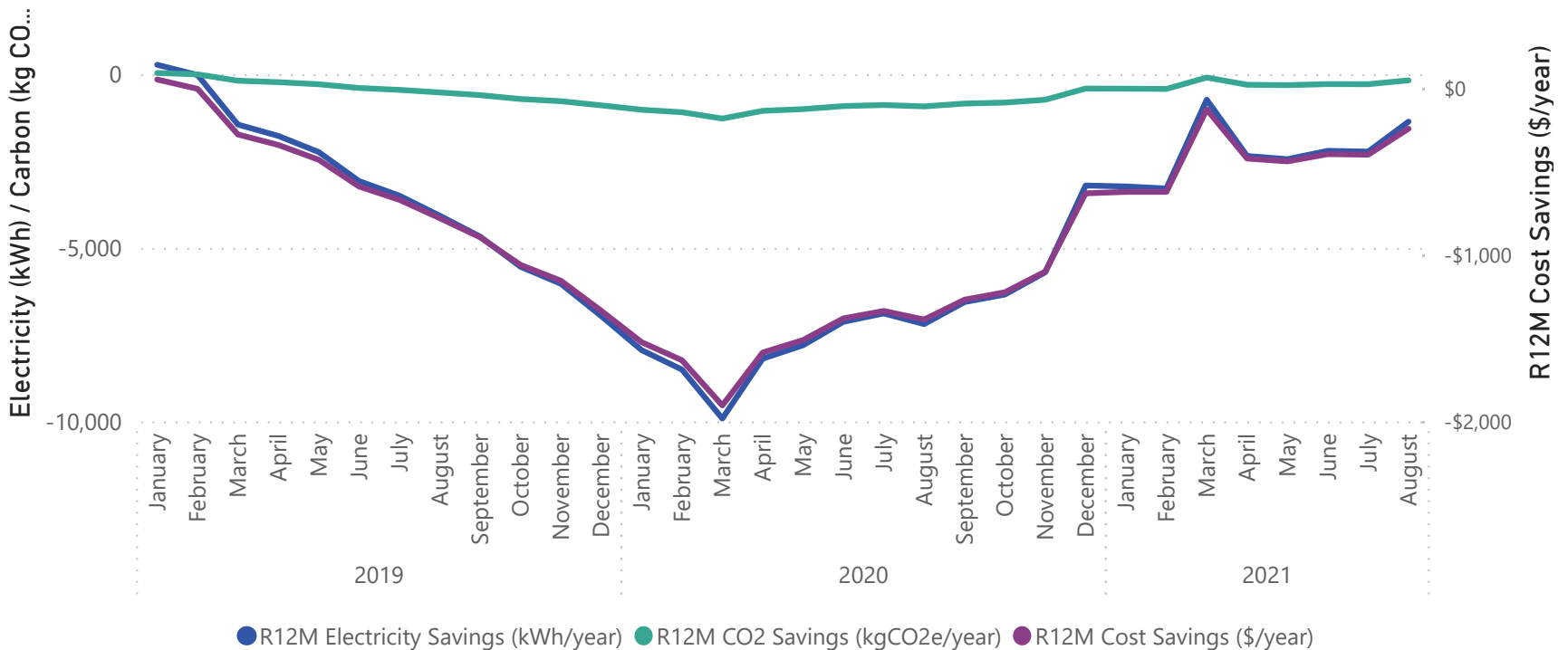
Whakatane District Council

Bridger Glade Pump Station

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



Bridger Glade Pumps Cumulative Rolling 12 Month Savings

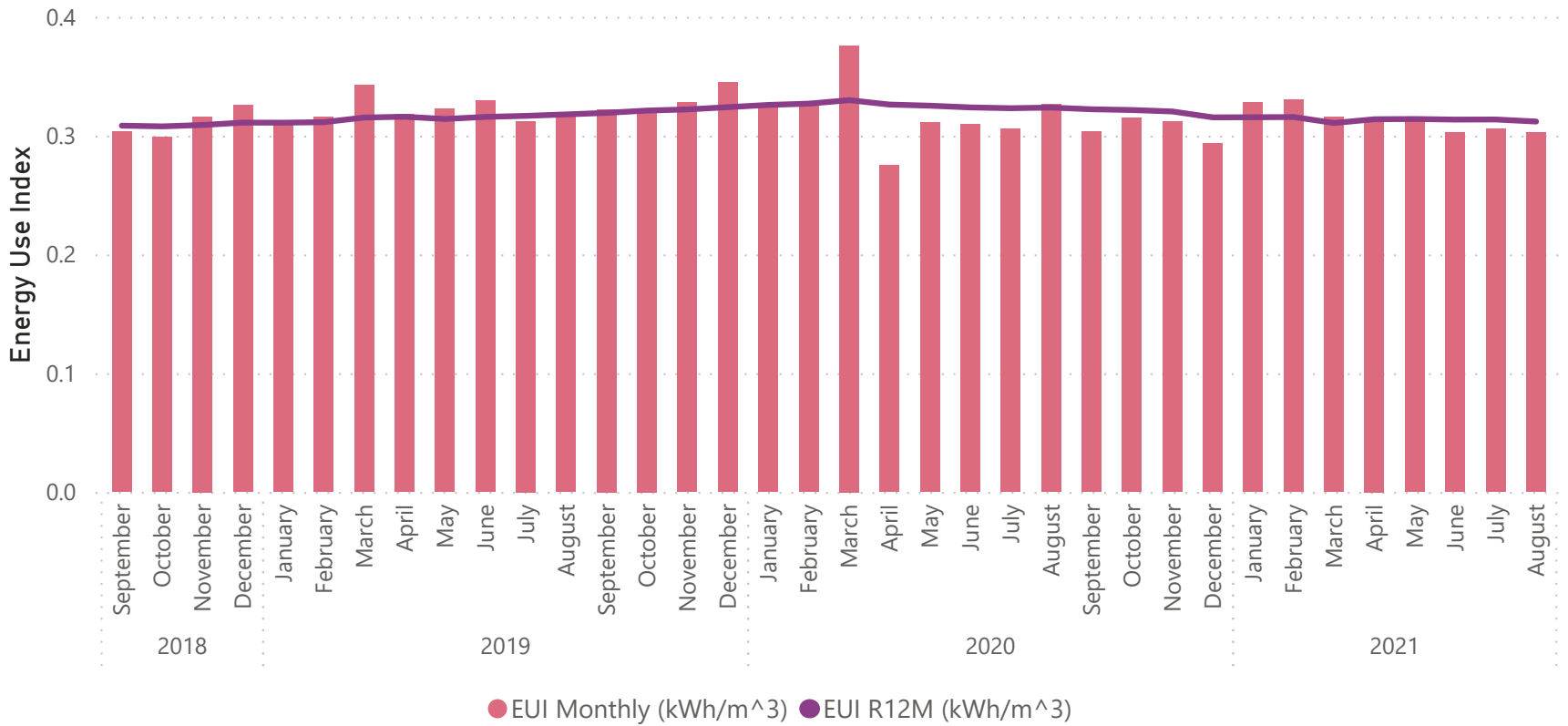


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Bridger Glade Pump Station

Bridger Glade 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

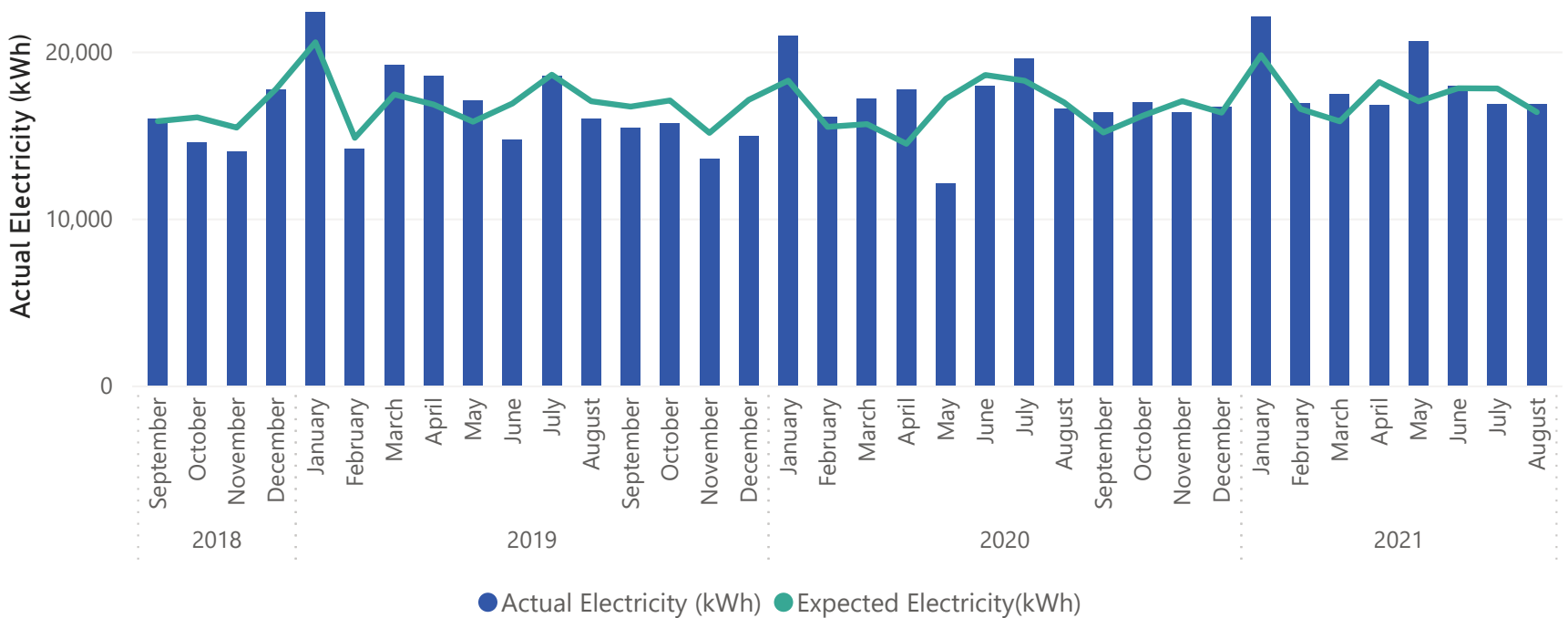
Ohope Oxidation Ponds

<p>-\$86 Monthly Energy Cost Savings</p>	<p>-477 Elec. Savings (kWh/mo)</p>	<p>-3% Elec. Savings (%)</p>	<p>-7,790 R12M Electricity Savings (kWh/yr)</p>	<p>-61 CO2e Savings (kg/mo)</p>
<p>-\$1,374 R12M Energy Cost Savings</p>				<p>-1,003 R12M CO2e Savings (kg/yr)</p>

Comments:

Comparing August 2021 to August 2020, demand has decreased by 9% and electricity use has increased by 2%. This may be partly due to when the electricity meter was read as Ohope Oxidation Ponds are a non-half hourly account.

Ohope Oxidation Ponds Electricity Use Compared to Baseline (kWh)

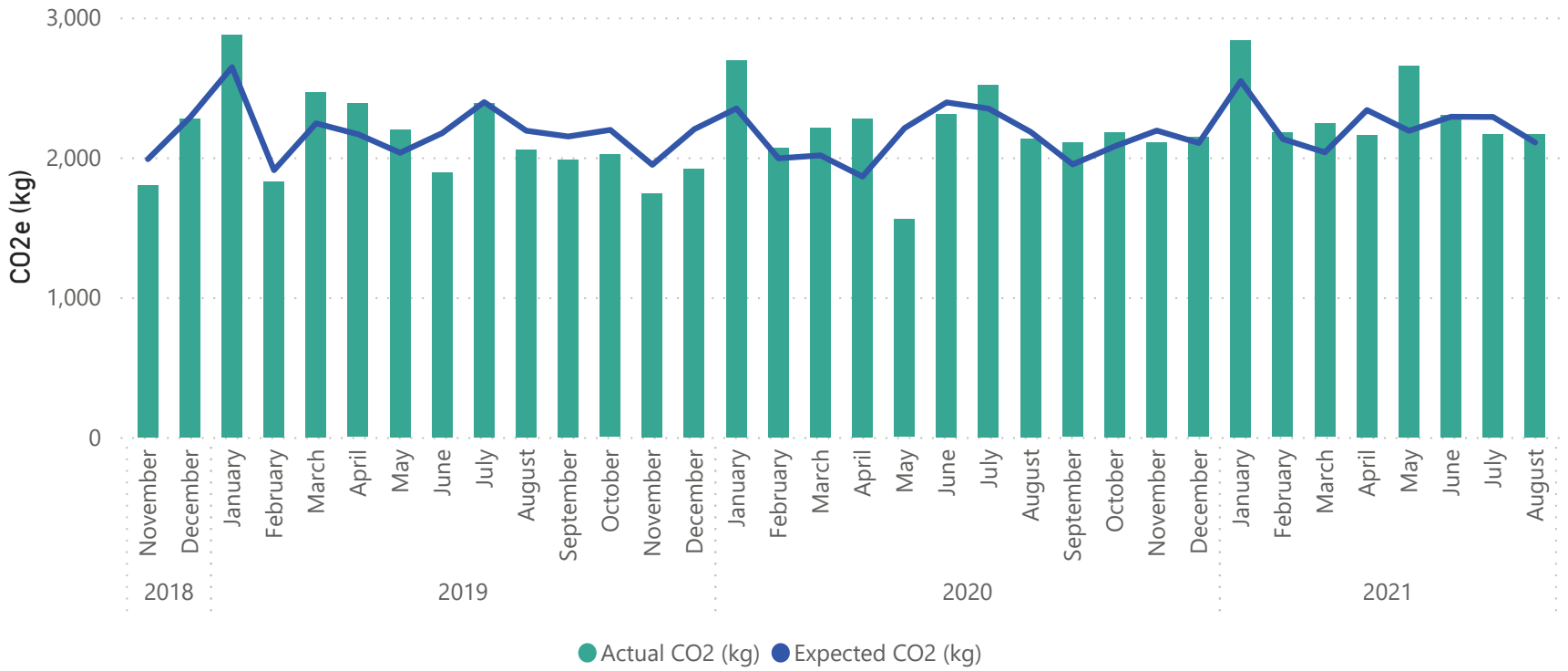


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

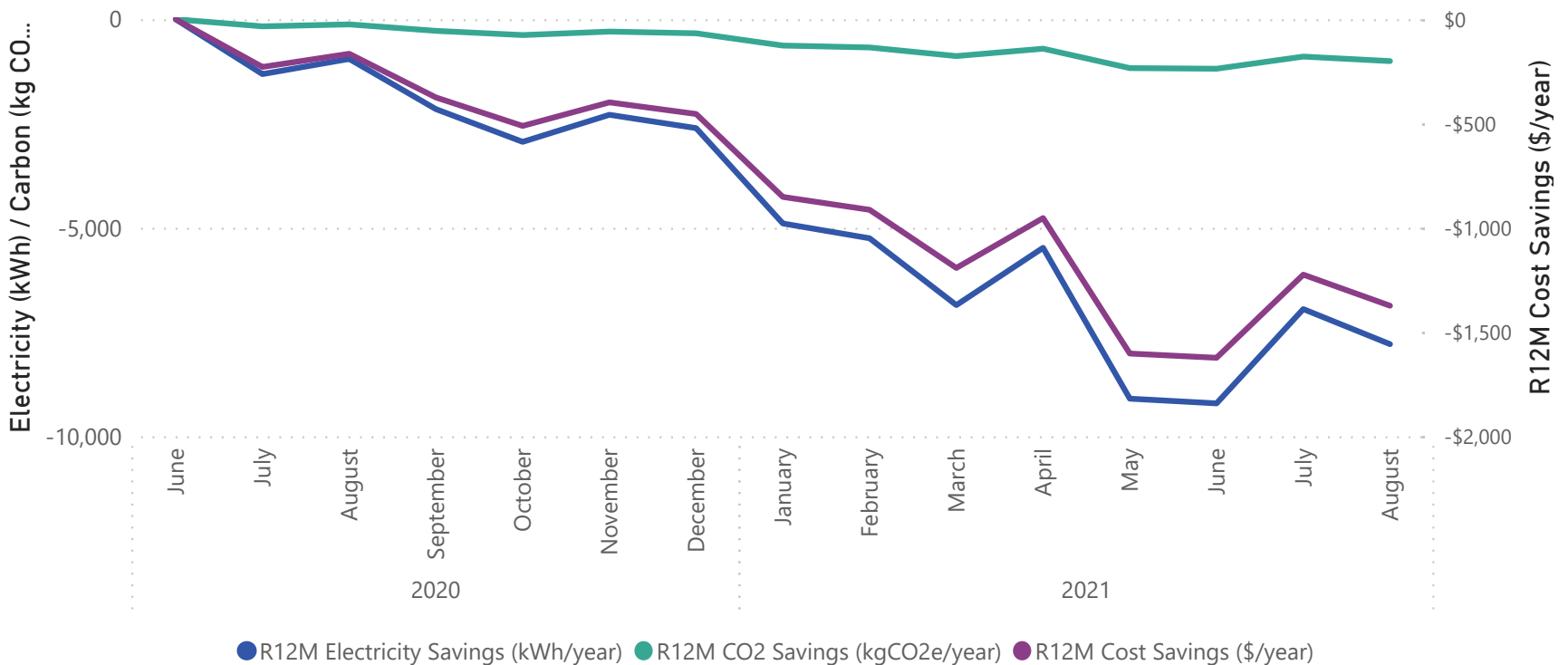
Whakatane District Council

Ohope Oxidation Ponds

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



Ohope Oxidation Ponds Cumulative Rolling 12 Month Savings

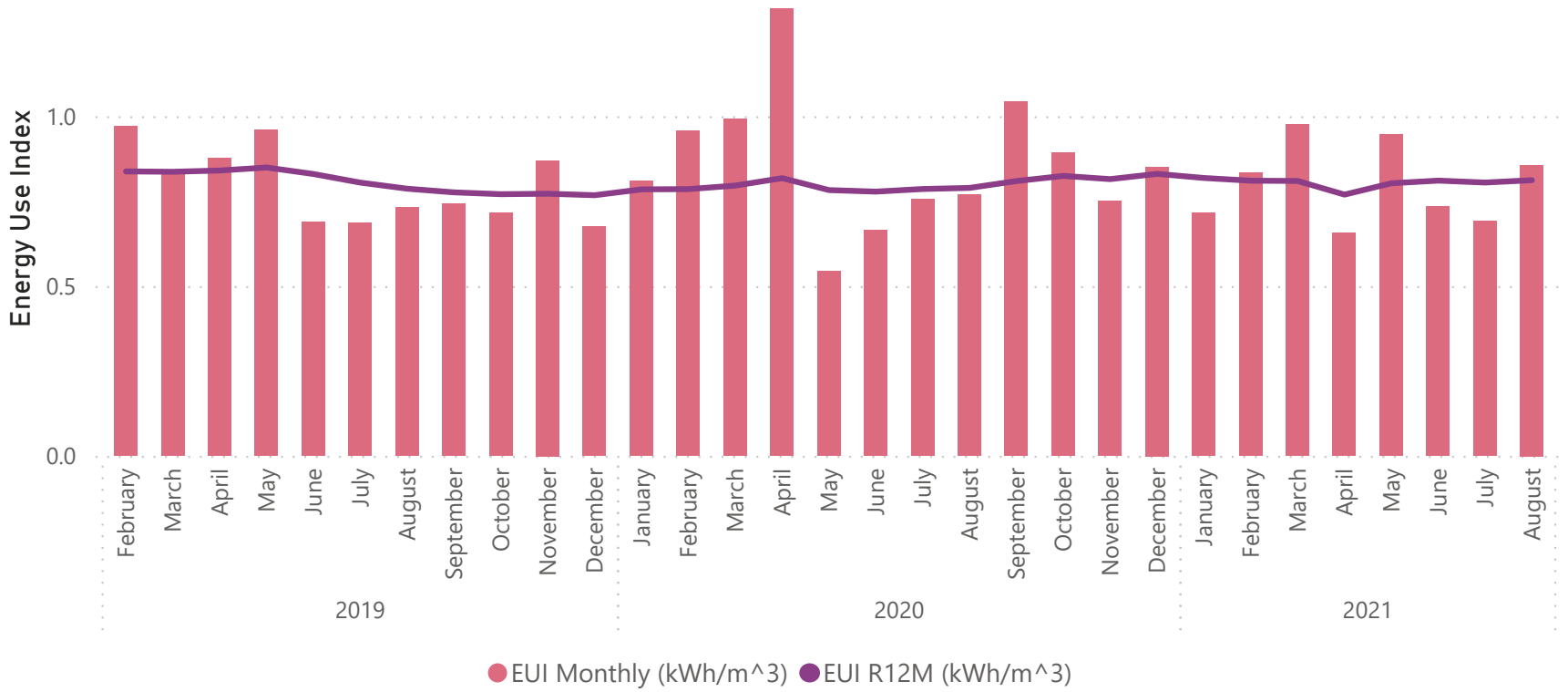


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

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

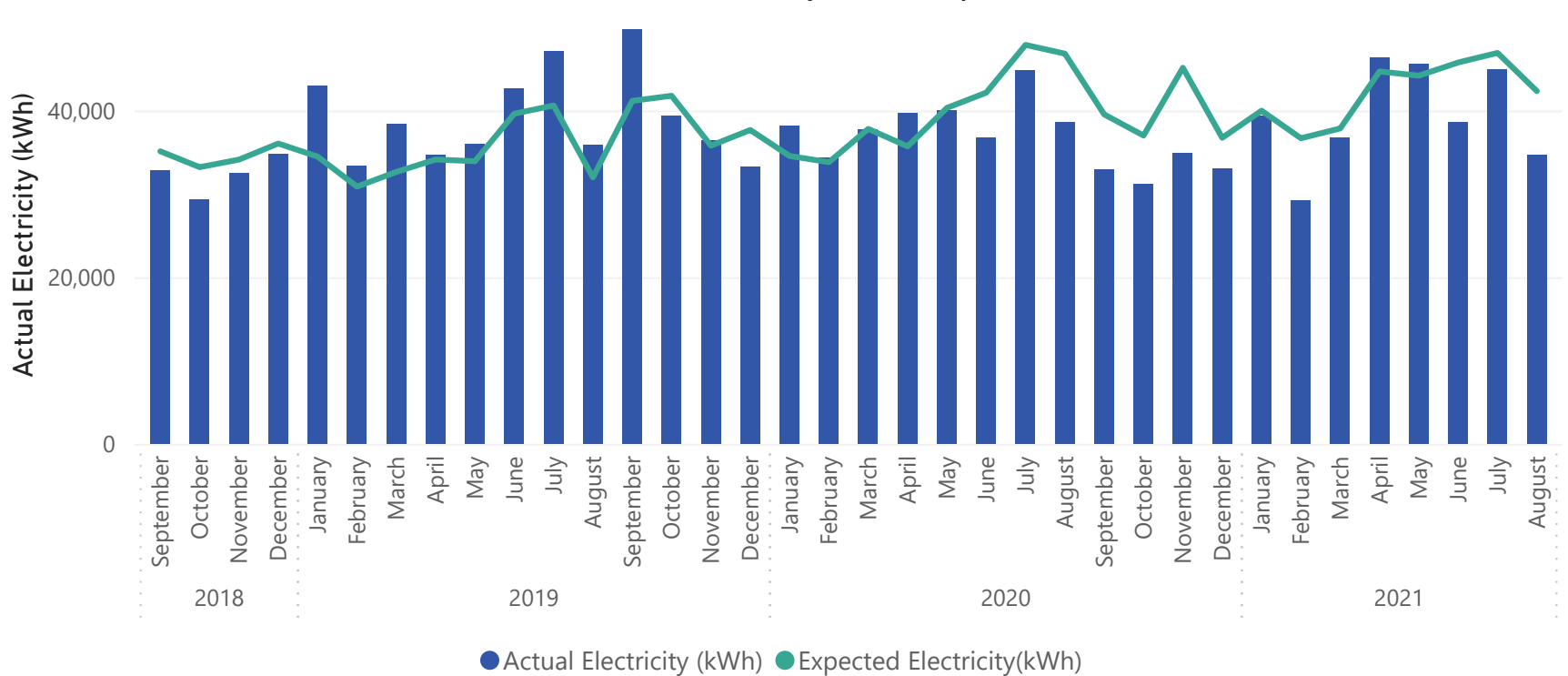
<p>\$1,124 Monthly Energy Cost Savings</p>	<p>7,613 Elec. Savings (kWh/mo)</p>	<p>18% Elec. Savings (%)</p>	<p>49,412 R12M Electricity Savings (kWh/yr)</p>	<p>980 CO2e Savings (kg/mo)</p>
<p>\$6,785 R12M Energy Cost Savings</p>				<p>6,359 R12M CO2e Savings (kg/yr)</p>

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 August 2021, the oxidation ponds used 18% less electricity compared to baseline. Rolling 12 month EUI has been steadily decreasing, which is good.

Whakatane Oxidation Ponds Electricity Use Compared to Baseline (kWh)

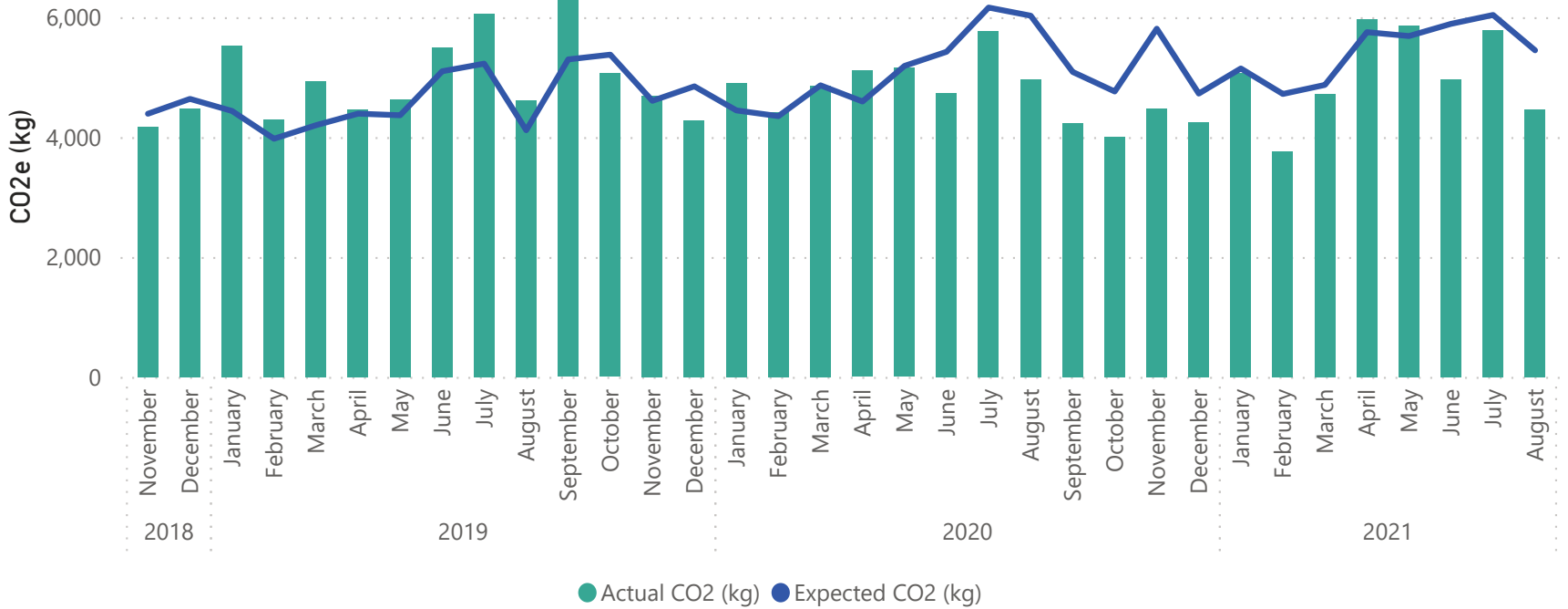


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

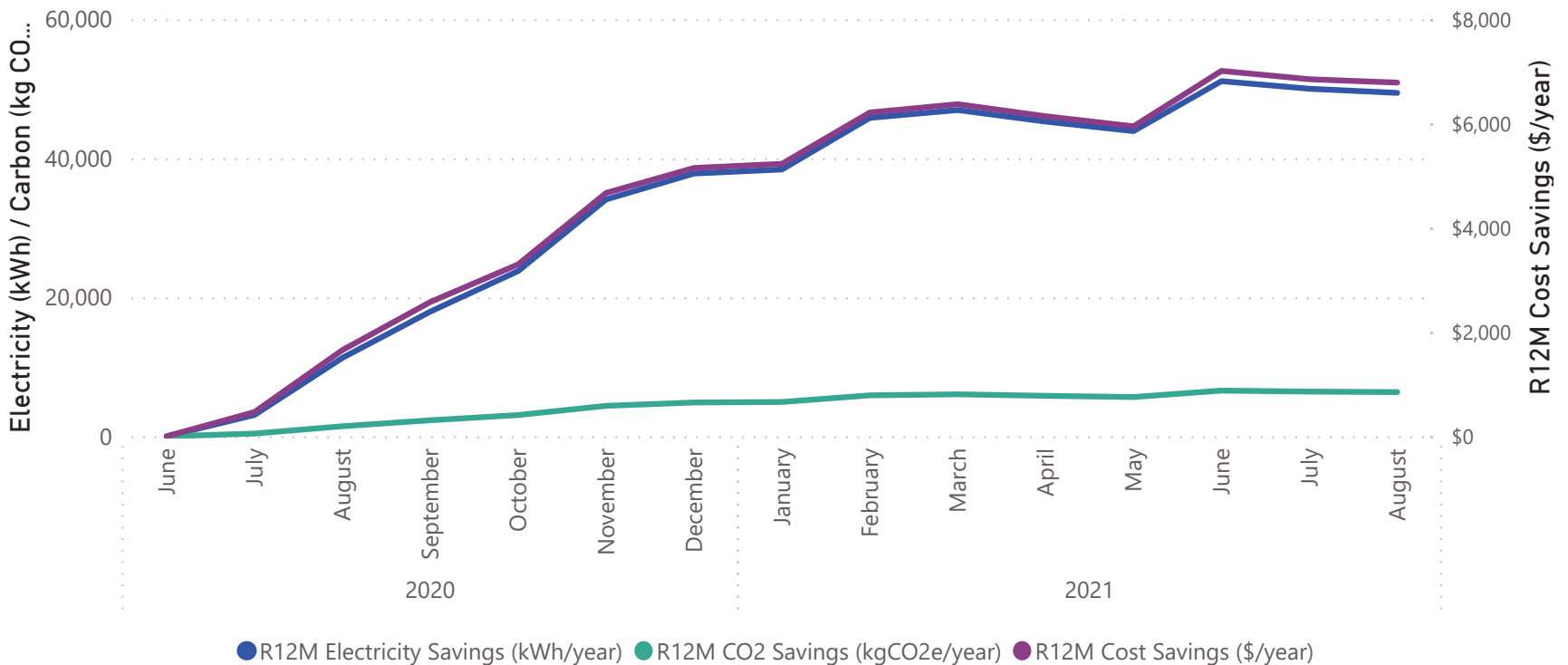
Whakatane District Council

Whakatane Oxidation Ponds

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



Whakatane Oxidation Ponds Cumulative Rolling 12 Month Savings

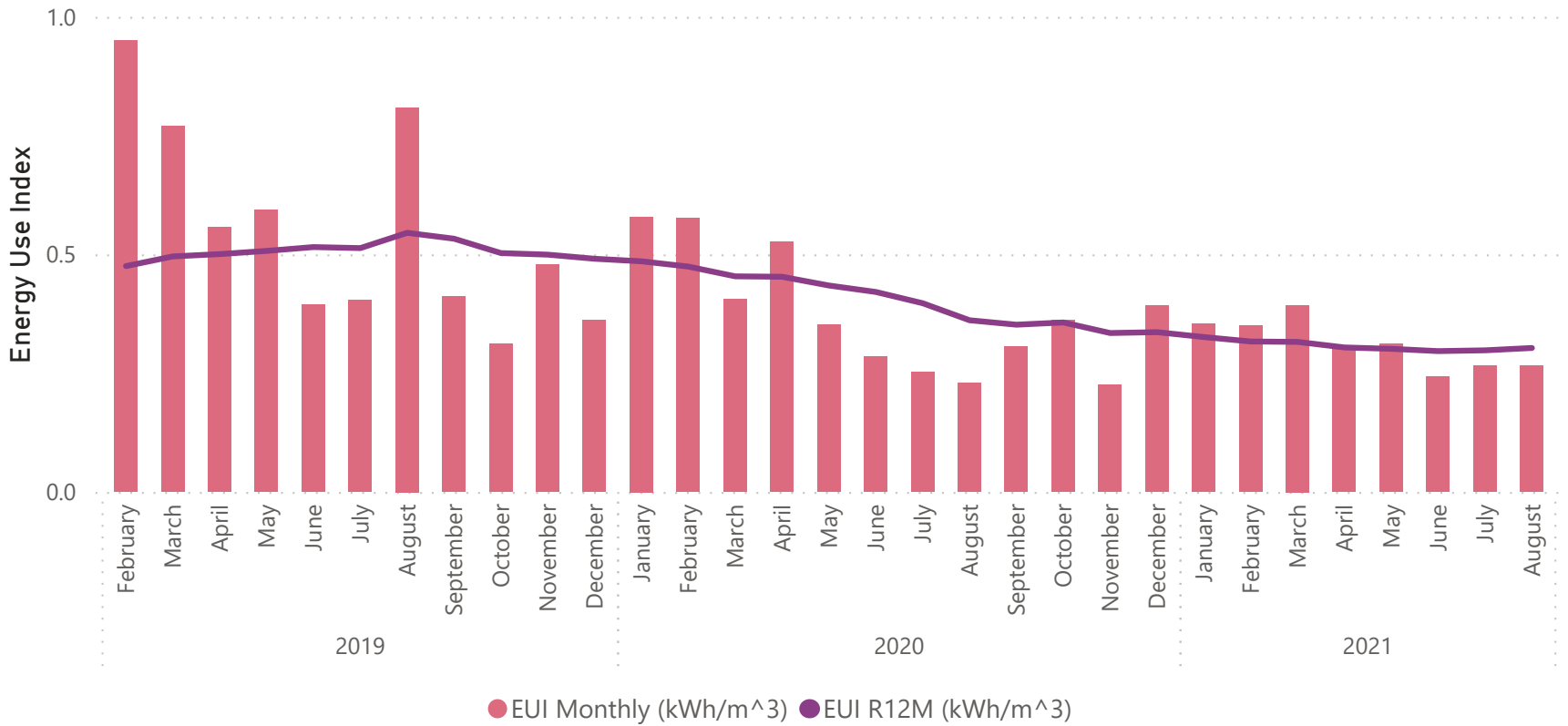


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

Whakatane District Council

Whakatane Oxidation Ponds

Whakatane 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

McAlister Street Pump Station

\$1,369

Monthly Energy Cost (\$)

5,448

Monthly Energy Use (kWh)

\$14,407

R12M Energy Cost (\$/yr)

51,211

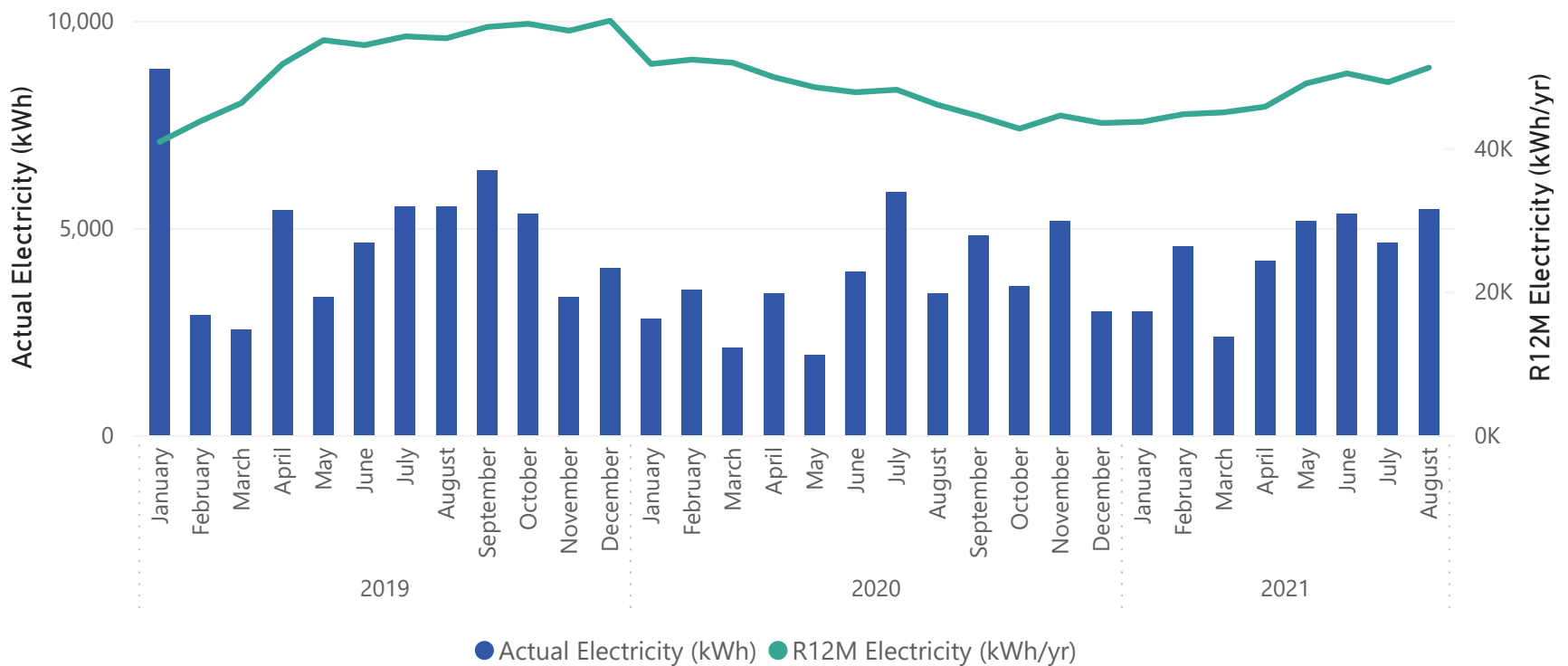
R12M Energy Use (kWh/yr)

Comments:

McAlister Street Pump Station is a new addition to monitoring for August 2021. No flow meter is available for this pump station, so only electricity use and cost have been included in monitoring.

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.

McAlister St Pumps Monthly Electricity Use Compared to R12M

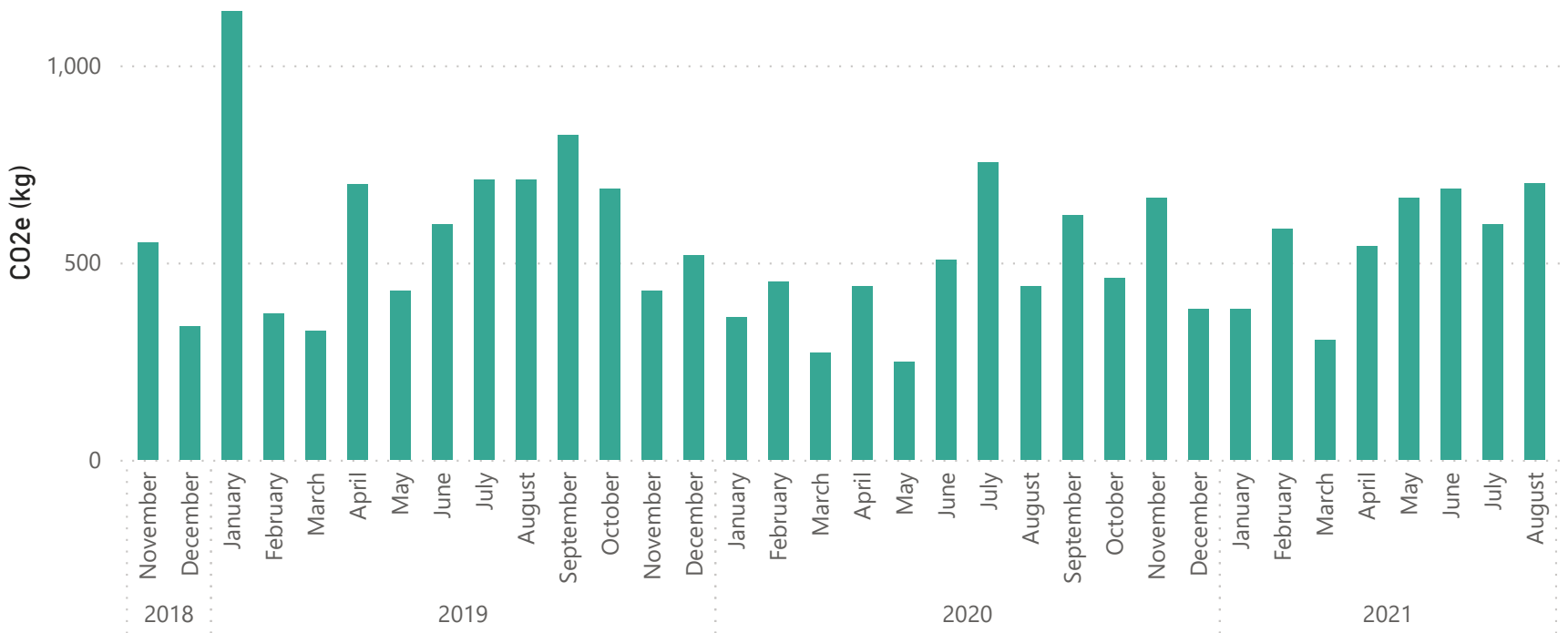


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

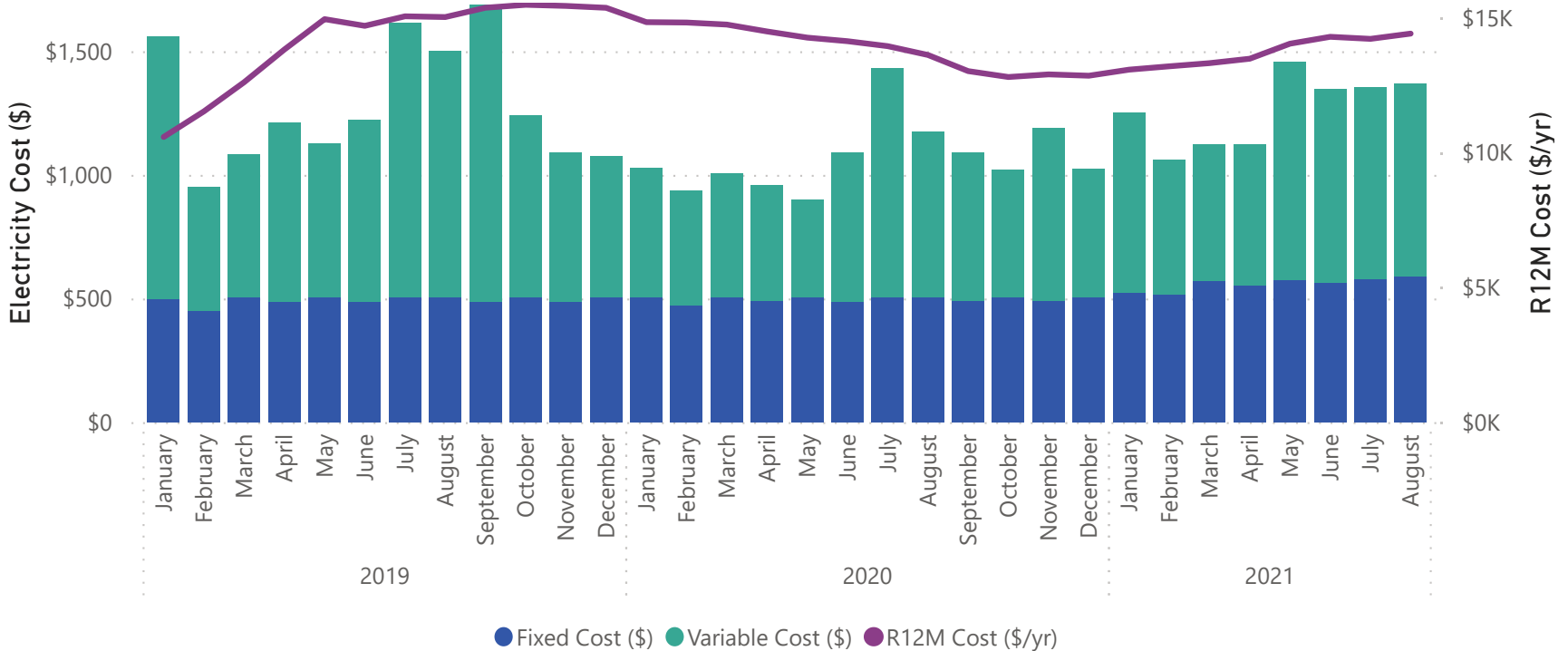
Whakatane District Council

McAlister Street Pump Station

McAlister St Pumps Carbon Emissions (kgCO2e)



McAlister St Pumps Monthly and R12M Cost



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

\$927	5,071
Monthly Energy Cost (\$)	Monthly Energy Use (kWh)
\$8,777	42,624
R12M Energy Cost (\$/yr)	R12M Energy Use (kWh/yr)

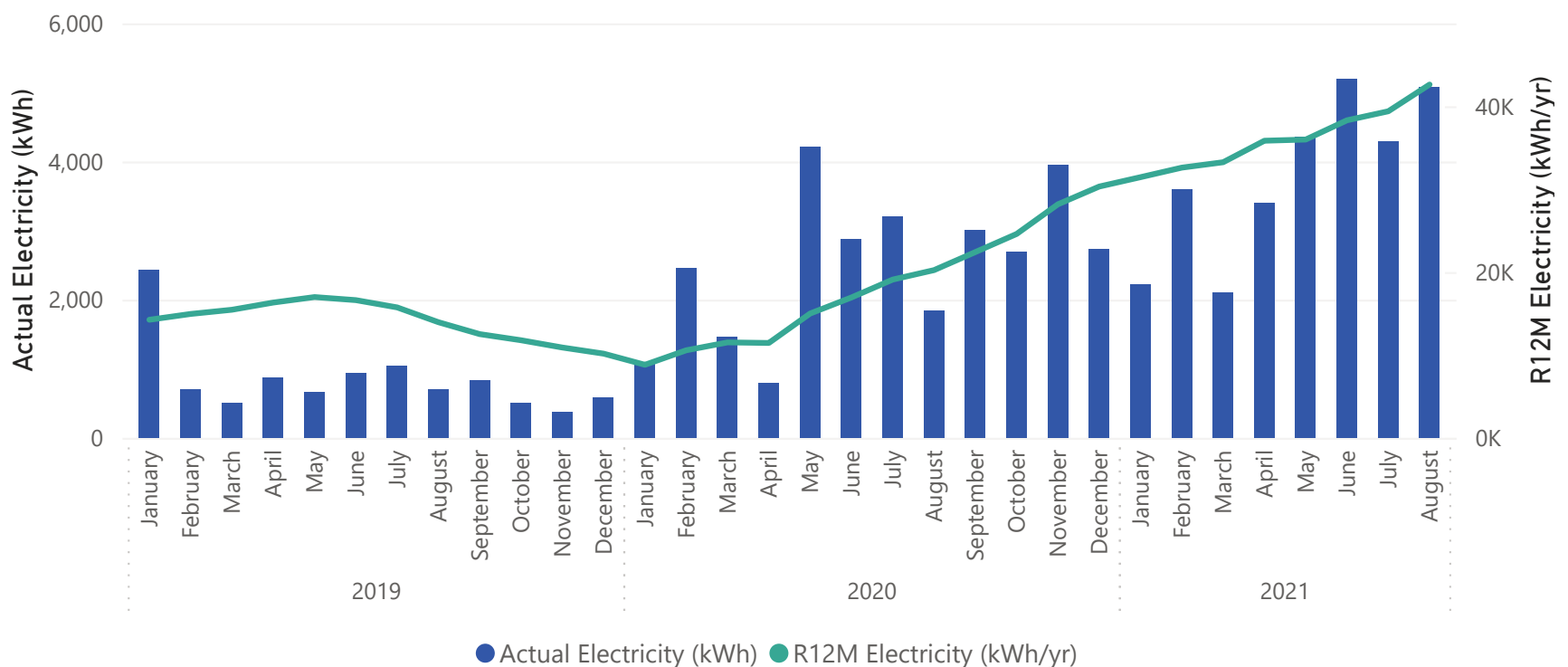
Comments:

Rose Gardens Pump Station is a new addition to monitoring for August 2021. No flow meter is available for this pump station, so only electricity use and cost have been included in monitoring.

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.

Electricity use increased from January 2020 and has continued to increase through to August 2021.

Rose Gardens Pumps Monthly Electricity Use Compared to R12M

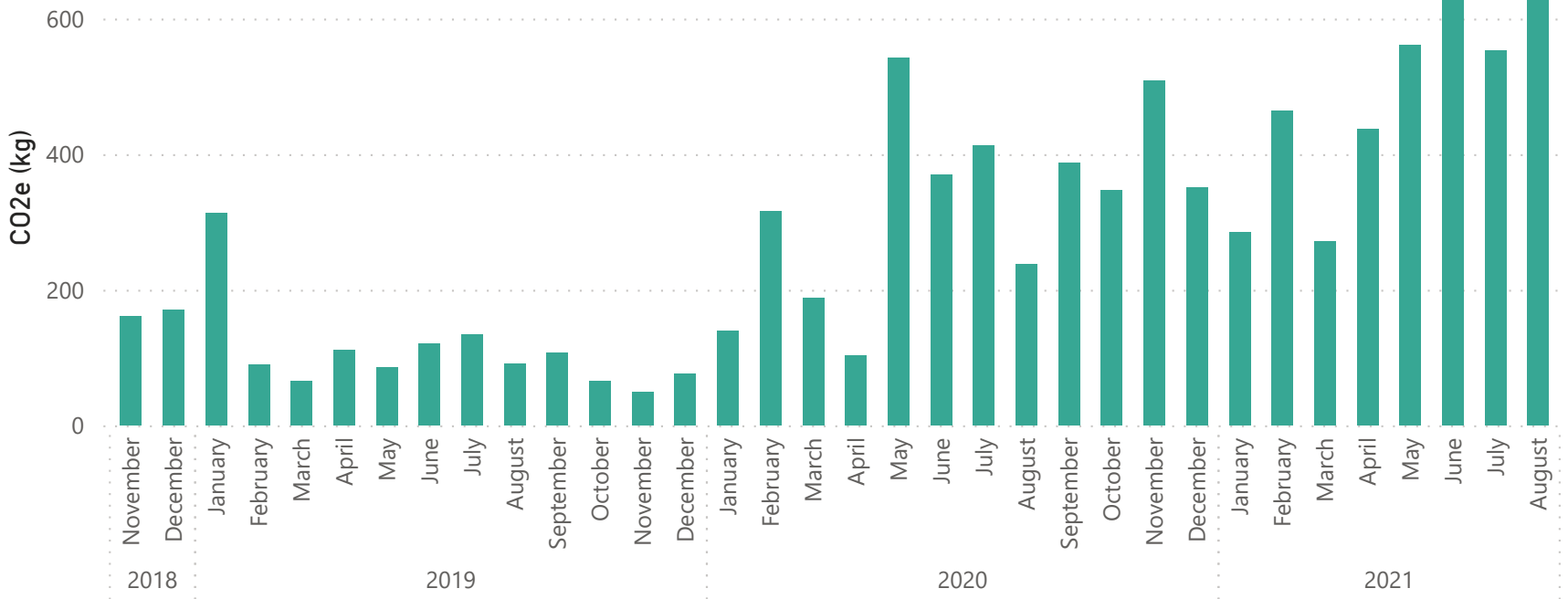


Note: New Zealand was in Covid-19 alert levels 3 and 4 from 23 March until 12 May, 2020. Energy use may have been impacted during this time

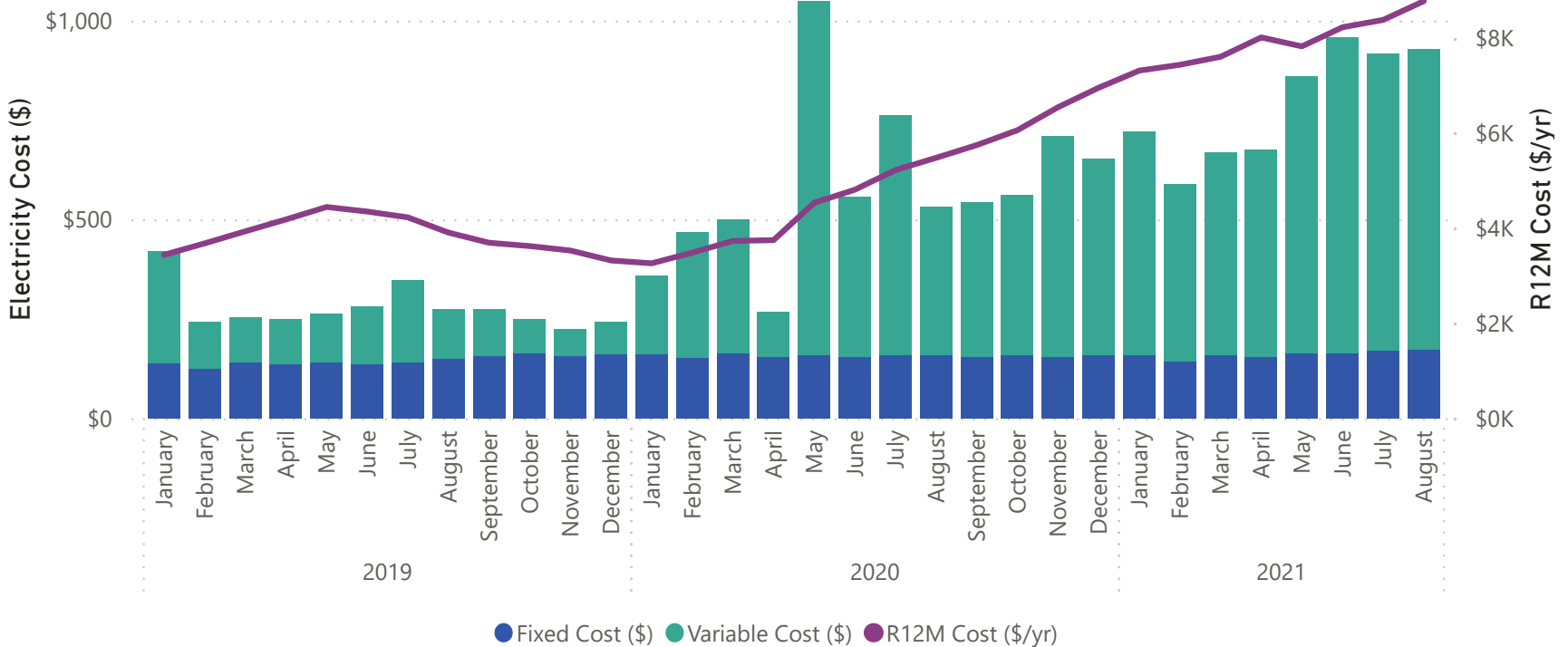
Whakatane District Council

Rose Gardens Pump Station

Rose Gardens Pumps Carbon Emissions (kgCO2e)



Rose Gardens Pumps Monthly and R12M Cost



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