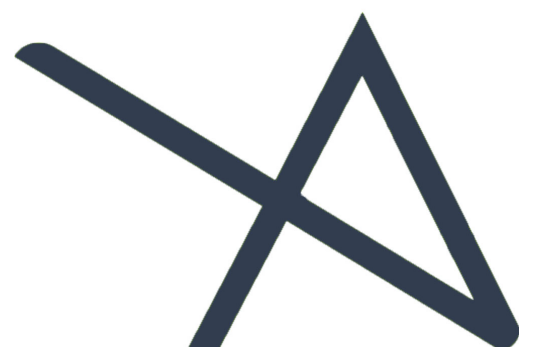


Shire of Denmark

Quarterly Performance Review

FY 2022-2023

Q1, Q2, Q3, Q4





1,493

Total Energy Usage (GJ)

-18

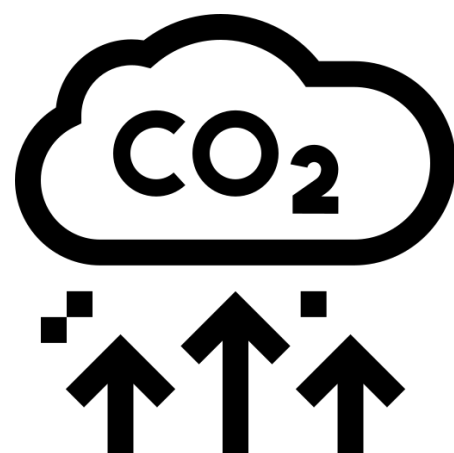
Energy Usage Change Since Previous Year (GJ)

166K

Total Energy Cost (\$)

5K

Energy Cost Change Since Previous Year (\$)



34,871

All Scopes

62

All Scopes Change Since Previous Year



15,383

Total Water Usage (kL)

-718

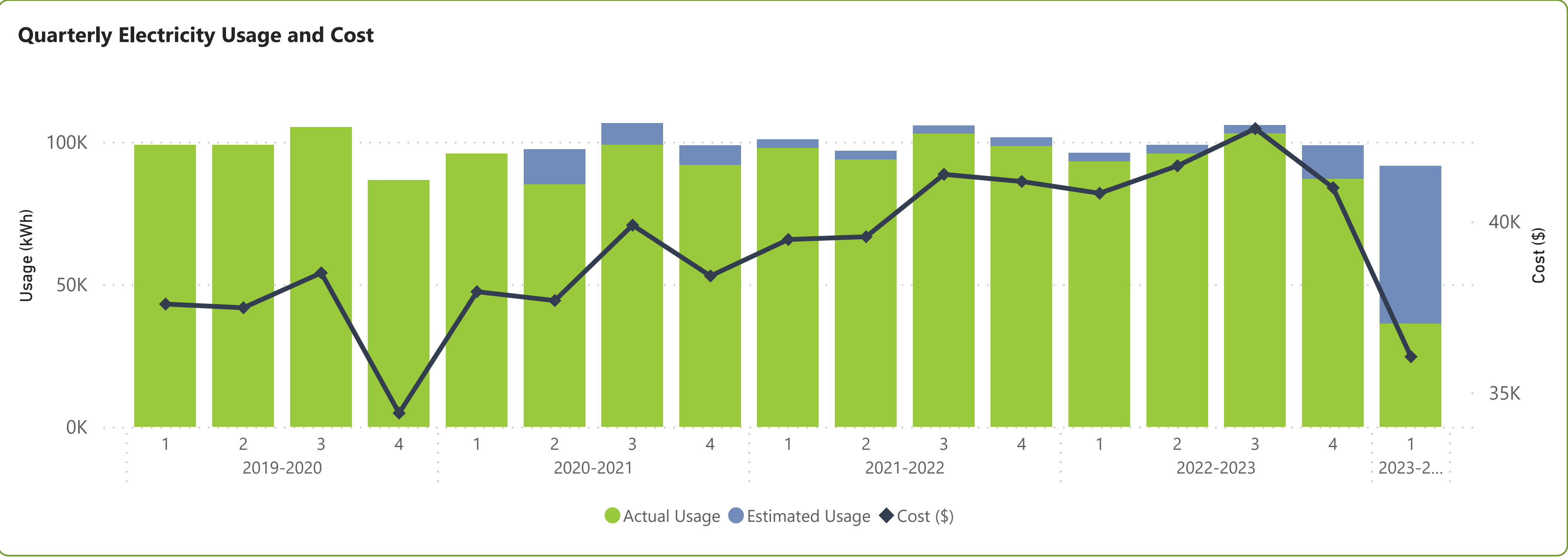
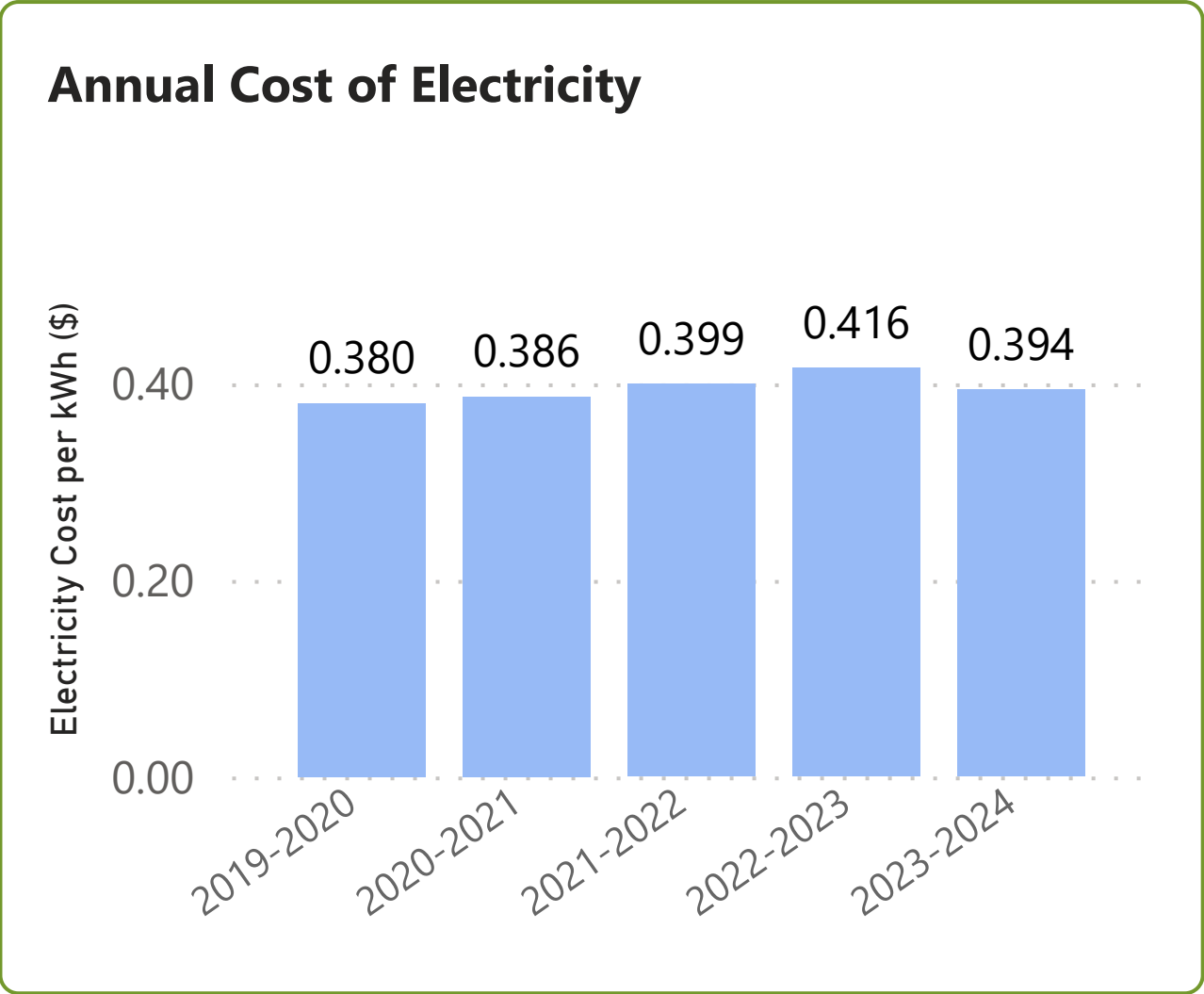
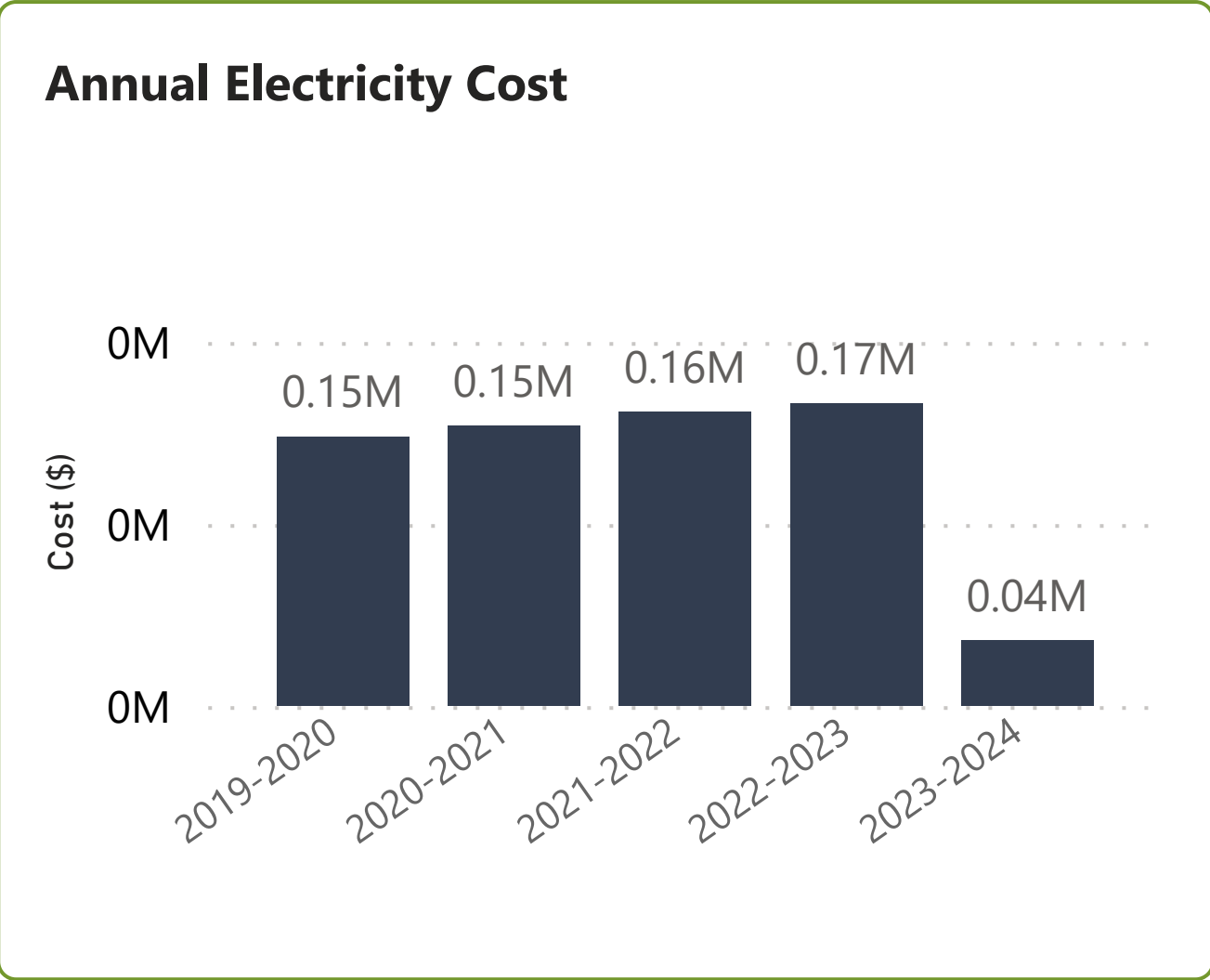
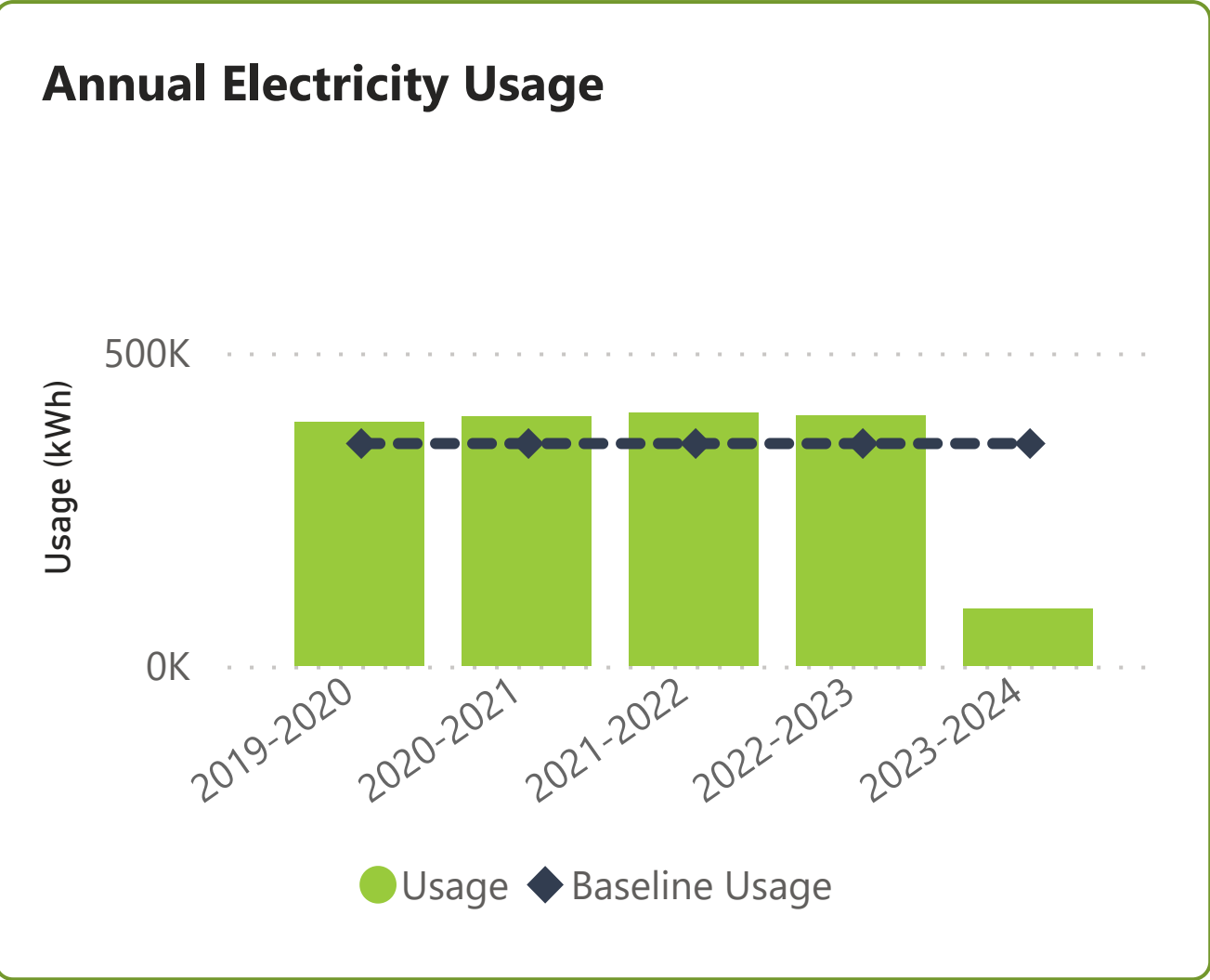
Water Usage Change Since Previous Year (kL)

\$ 39K

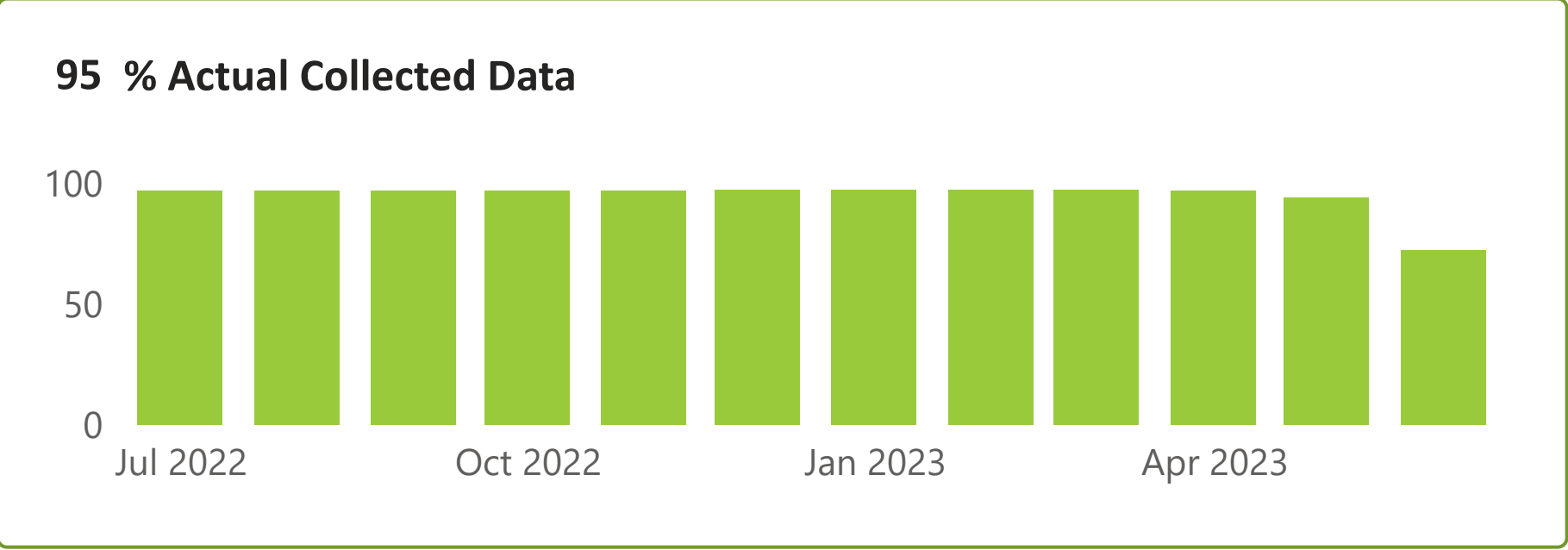
Total Water Cost (\$)

-\$ 41K

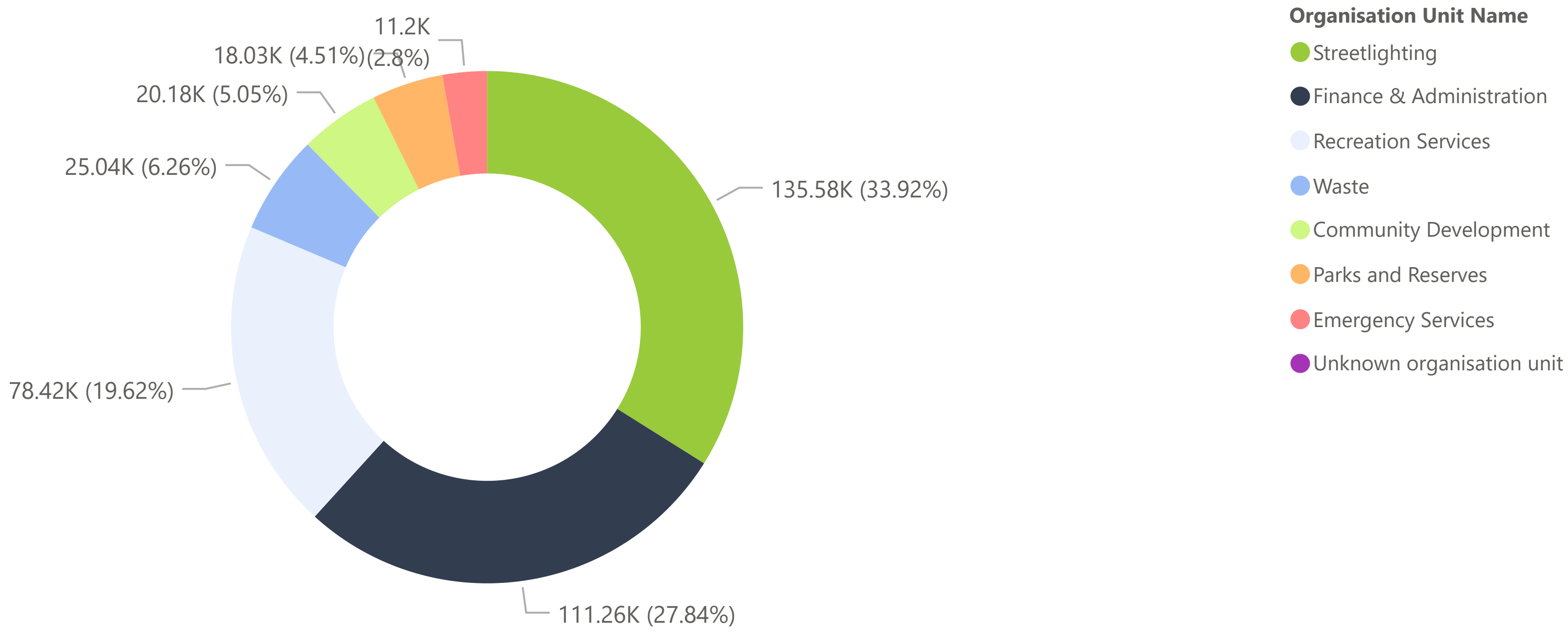
Water Total Cost Change Since Previous Year...



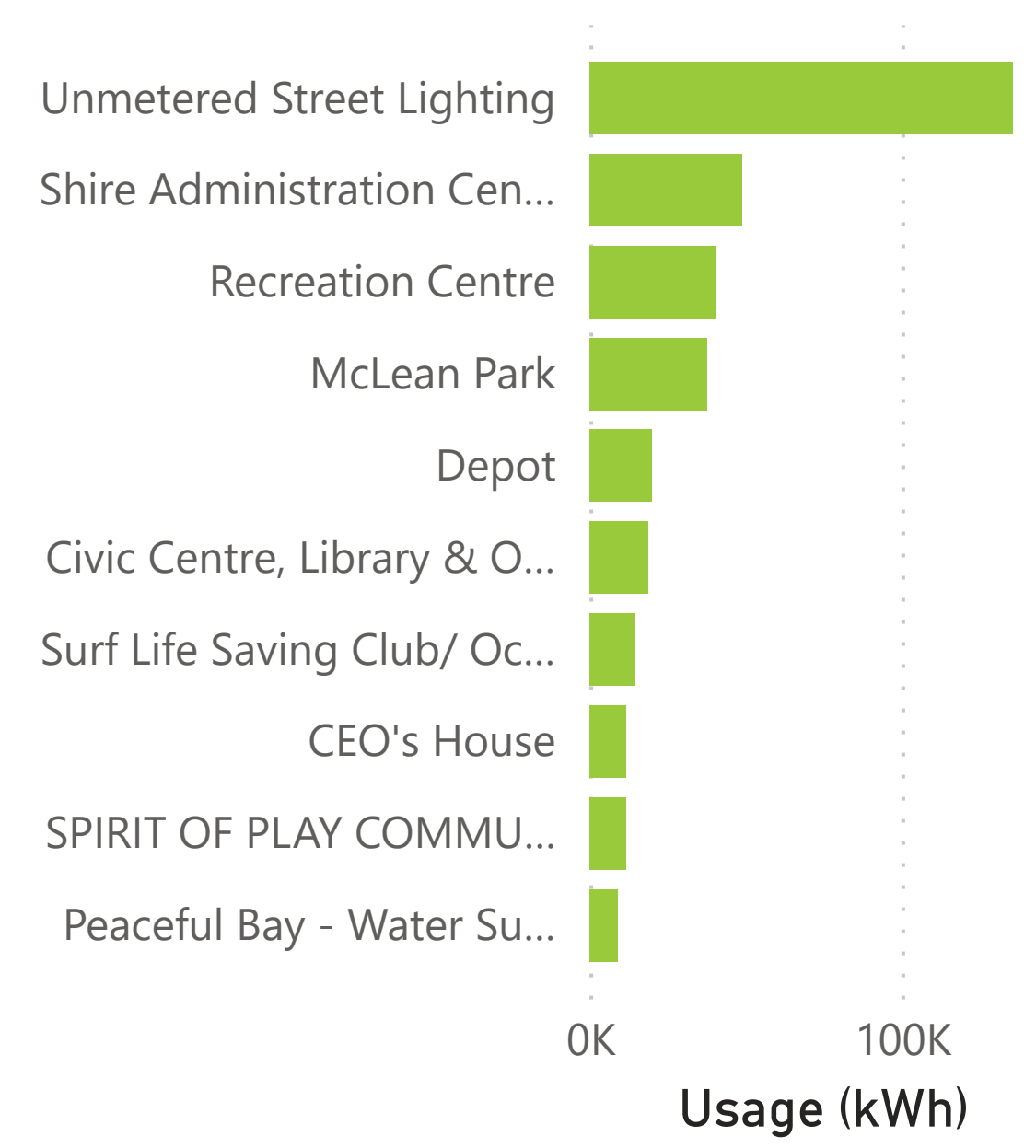
Financial Year	Usage (kWh)	Change (%)	Cost (\$)	Cost Change (%)
2023-2024	91,552.00	-4.80	36,047.00	-11.71
2022-2023	399,717.00	-1.25	166,163.00	2.83
2021-2022	404,788.00	1.59	161,583.00	4.96
2020-2021	398,437.00	2.30	153,942.00	4.04
2019-2020	389,484.00	24.23	147,963.00	21.85



Electricity Usage by Organisation Units



Top 10 Assets Electricity Performance



Asset Name	Cost (\$)	Cost per kWh (\$)
Unmetered Street Lighting	71,537.00	0.53
Shire Administration Centre	15,732.00	0.32
Recreation Centre	12,224.00	0.30
McLean Park	11,368.00	0.30
Depot	6,321.00	0.32
Civic Centre, Library & Old Resource Centre	5,965.00	0.32
Surf Life Saving Club/ Ocean Beach Shower and Toilets	4,692.00	0.32
SPIRIT OF PLAY COMMUNITY SCHOOL	3,813.00	0.33
CEO's House	3,416.00	0.29
Peaceful Bay - Water Supply Pump Shed	3,224.00	0.35
Total	138,292.00	0.40

Assets with Biggest Usage Increases

Asset Name	Usage (kWh)	Change (kWh) ▼	Change (%)	Cost (\$)	Cost per kWh (\$)
Surf Life Saving Club/ Ocean Beach Shower and Toilets	14,548.00	3,076.00	26.81	4,692.00	0.32
SPIRIT OF PLAY COMMUNITY SCHOOL	11,662.00	1,601.00	15.91	3,813.00	0.33
Recreation Centre	40,712.00	1,184.00	3.00	12,224.00	0.30
SHADFORTH/SCOTSDALE BUSH FIRE BRIGADE	1,813.00	906.00	99.89	1,131.00	0.62
Peaceful Bay - Water Supply Pump Shed	9,089.00	805.00	9.72	3,224.00	0.35
MCINTOSH LANDFILL	5,073.00	671.00	15.24	2,083.00	0.41
Shire Administration Centre	48,768.00	641.00	1.33	15,732.00	0.32
BERRIDGE PARK	4,838.00	461.00	10.53	2,007.00	0.41
Unmetered Street Lighting	135,584.00	342.00	0.25	71,537.00	0.53
WAR MEMORIAL	916.00	245.00	36.51	867.00	0.95

Assets with Biggest Cost Increases

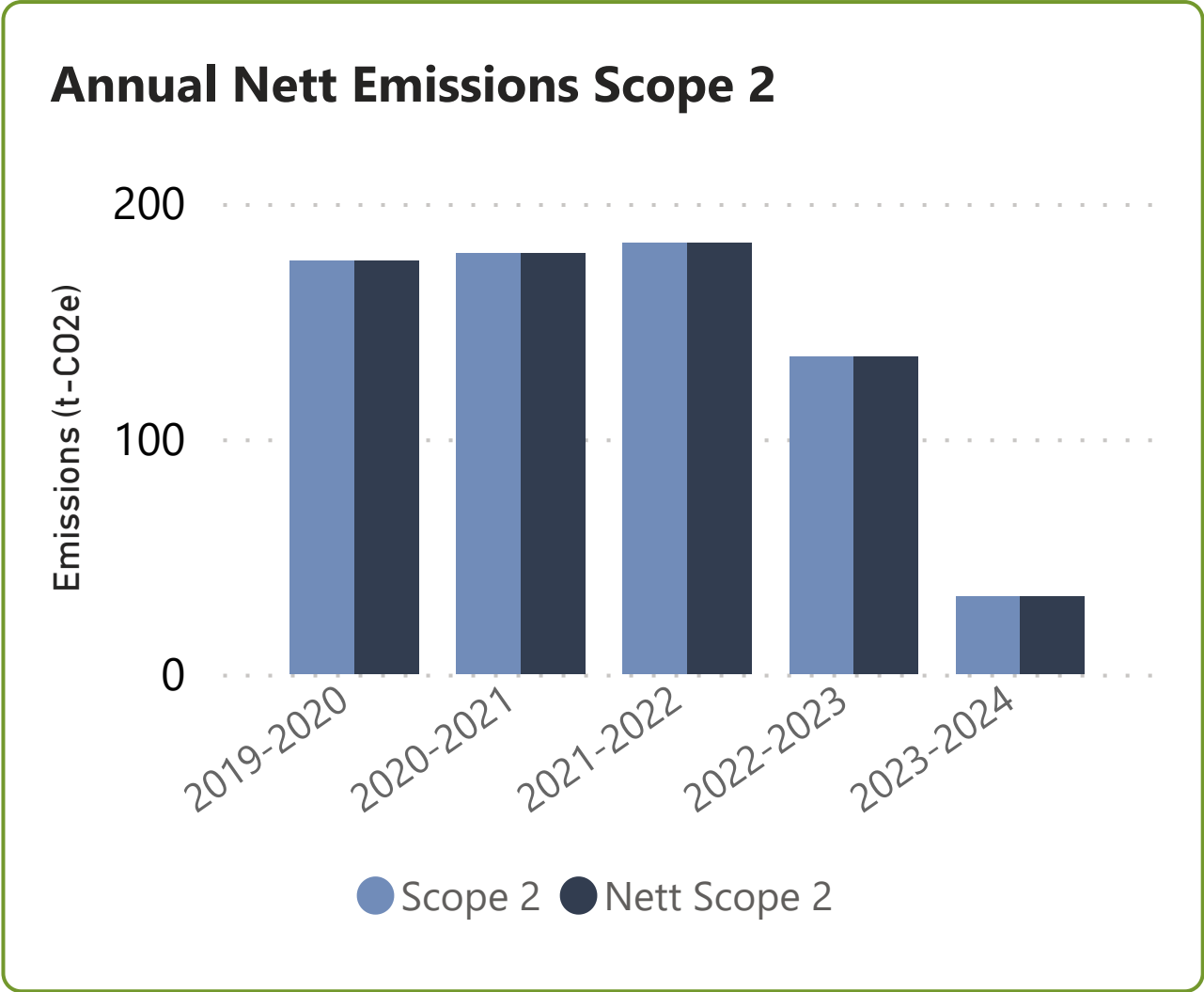
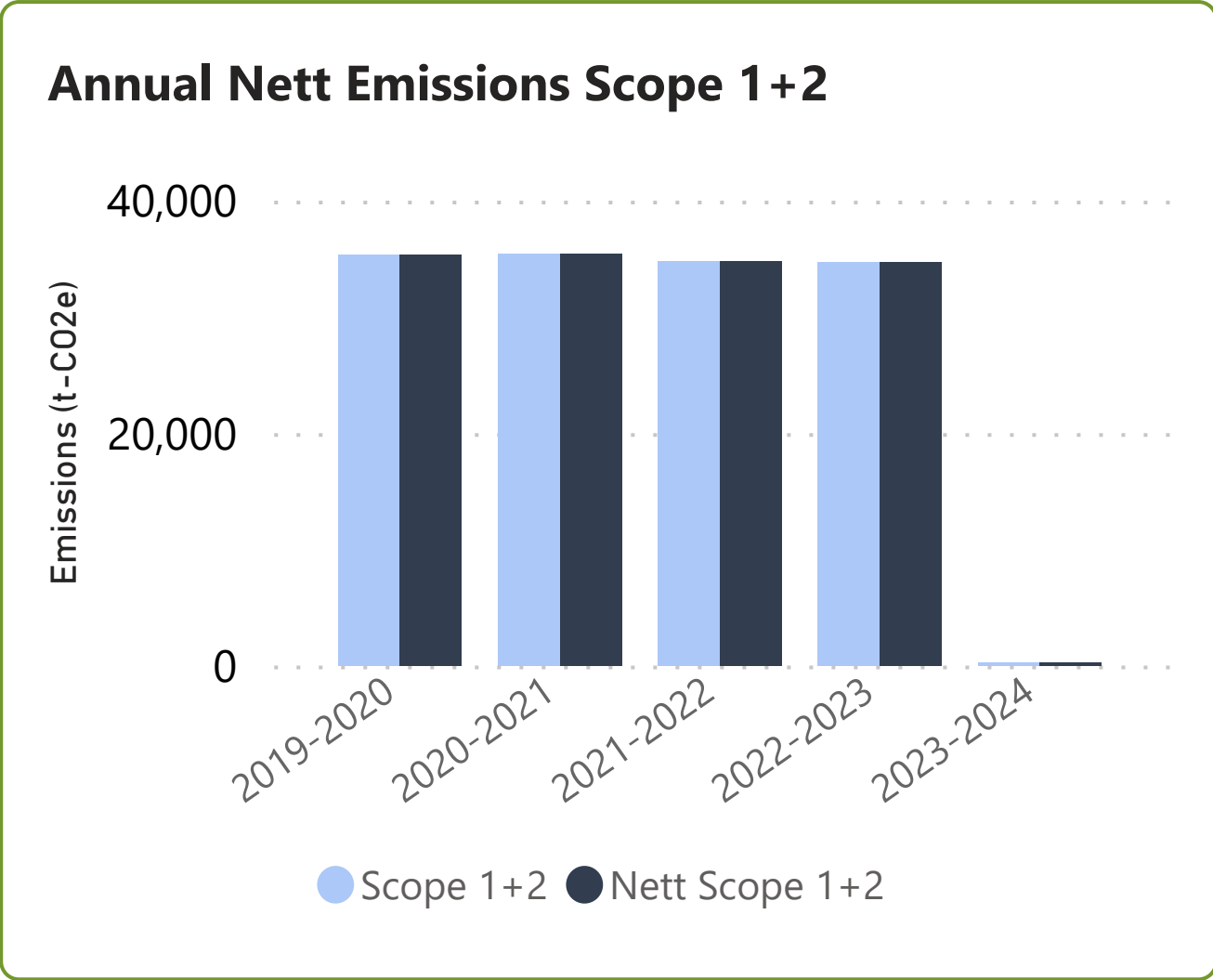
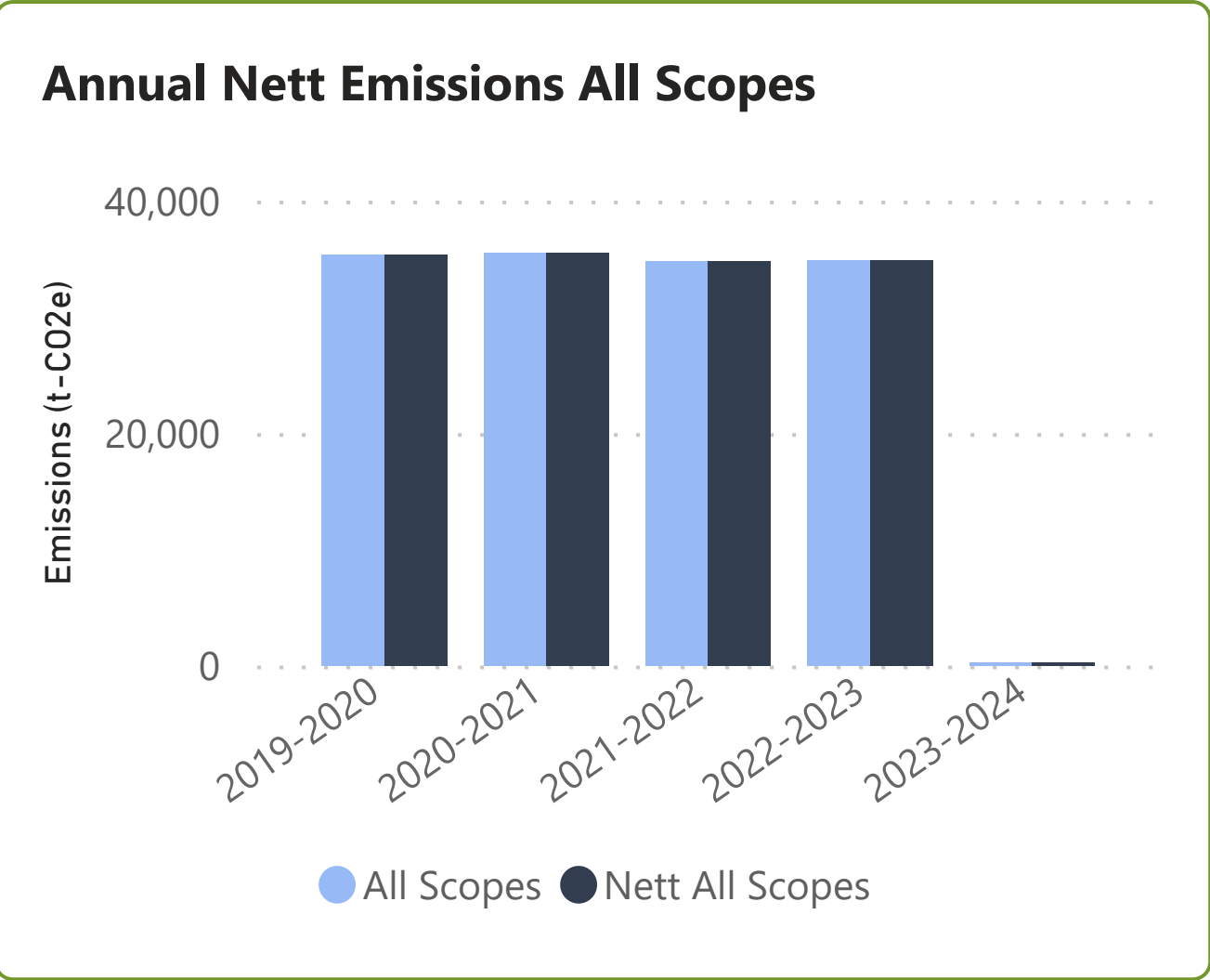
Asset Name	Usage (kWh)	Cost (\$)	Change (\$) ▼	Change (%)	Cost per kWh (\$)
Unmetered Street Lighting	135,584.00	71,537.00	2,040.00	2.94	0.53
Shire Administration Centre	48,768.00	15,732.00	2,012.00	14.66	0.32
Surf Life Saving Club/ Ocean Beach Shower and Toilets	14,548.00	4,692.00	922.00	24.46	0.32
Recreation Centre	40,712.00	12,224.00	754.00	6.57	0.30
SPIRIT OF PLAY COMMUNITY SCHOOL	11,662.00	3,813.00	519.00	15.76	0.33
Peaceful Bay - Water Supply Pump Shed	9,089.00	3,224.00	329.00	11.36	0.35
SHADFORTH/SCOTSDALE BUSH FIRE BRIGADE	1,813.00	1,131.00	257.00	29.41	0.62
MCINTOSH LANDFILL	5,073.00	2,083.00	255.00	13.95	0.41
BERRIDGE PARK	4,838.00	2,007.00	183.00	10.03	0.41
AIRSTRIP	1,075.00	941.00	81.00	9.42	0.88

Assets with Biggest Usage Decreases

Asset Name	Usage (kWh)	Change (kWh) ▲	Change (%)	Cost (\$)	Cost per kWh (\$)
McLean Park	37,710.00	-7,461.00	-16.52	11,368.00	0.30
Denmark High School Oval Bore	8,355.00	-2,964.00	-26.19	2,527.00	0.30
Depot	19,965.00	-1,450.00	-6.77	6,321.00	0.32
Thornton Park	3,169.00	-1,038.00	-24.67	1,540.00	0.49
Civic Centre, Library & Old Resource Centre	18,705.00	-861.00	-4.40	5,965.00	0.32
Peaceful Bay Beach Toilets Pump/ Playground Toilets	5,328.00	-678.00	-11.29	2,151.00	0.40
WILLIAM BAY BUSH FIRE BRIGADE	1,191.00	-447.00	-27.29	942.00	0.79
EAST DENMARK BUSH FIRE BRIGADE	2,495.00	-294.00	-10.54	1,350.00	0.54
Kwoorabup Community Park	751.00	-124.00	-14.17	845.00	1.13
PEACEFUL BAY BUSH FIRE BRIGADE	649.00	-99.00	-13.24	821.00	1.27

Assets with Biggest Cost Decreases

Asset Name	Usage (kWh)	Cost (\$)	Change (\$) ▲	Change (%)	Cost per kWh (\$)
McLean Park	37,710.00	11,368.00	-1,647.00	-12.65	11,368.00
Denmark High School Oval Bore	8,355.00	2,527.00	-652.00	-20.51	2,527.00
Thornton Park	3,169.00	1,540.00	-238.00	-13.39	1,540.00
Depot	19,965.00	6,321.00	-181.00	-2.78	6,321.00
Peaceful Bay Beach Toilets Pump/ Playground Toilets	5,328.00	2,151.00	-123.00	-5.41	2,151.00
WILLIAM BAY BUSH FIRE BRIGADE	1,191.00	942.00	-117.00	-11.05	942.00
EAST DENMARK BUSH FIRE BRIGADE	2,495.00	1,350.00	-39.00	-2.81	1,350.00
Civic Centre, Library & Old Resource Centre	18,705.00	5,965.00	-26.00	-0.43	5,965.00
HAREWOOD BUSH FIRE BRIGADE	374.00	720.00	-15.00	-2.04	720.00
Kwoorabup Community Park	751.00	845.00	-12.00	-1.40	845.00



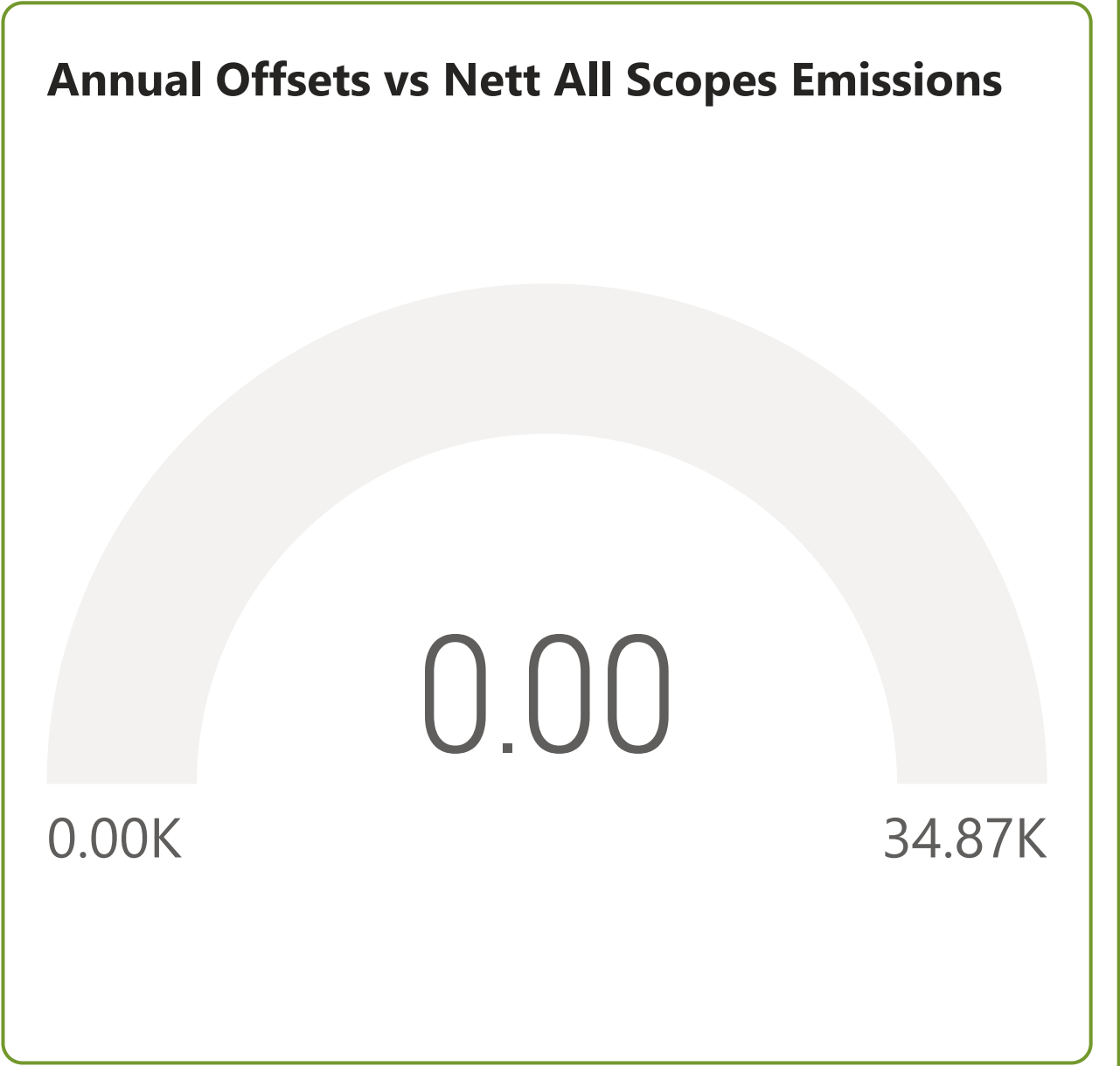
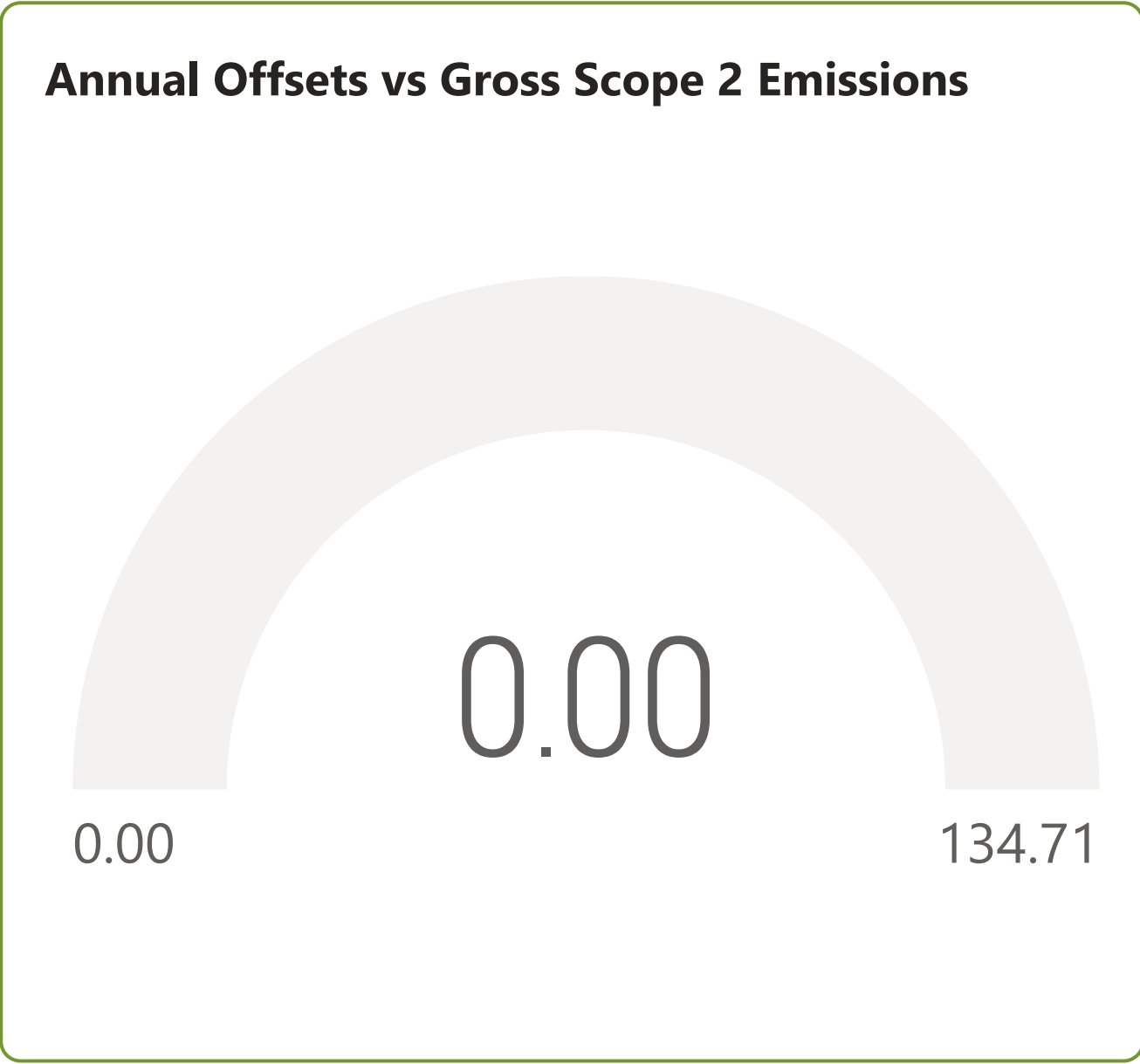
Total Emissions Offsets

Offsets from Green Energy

0.00K

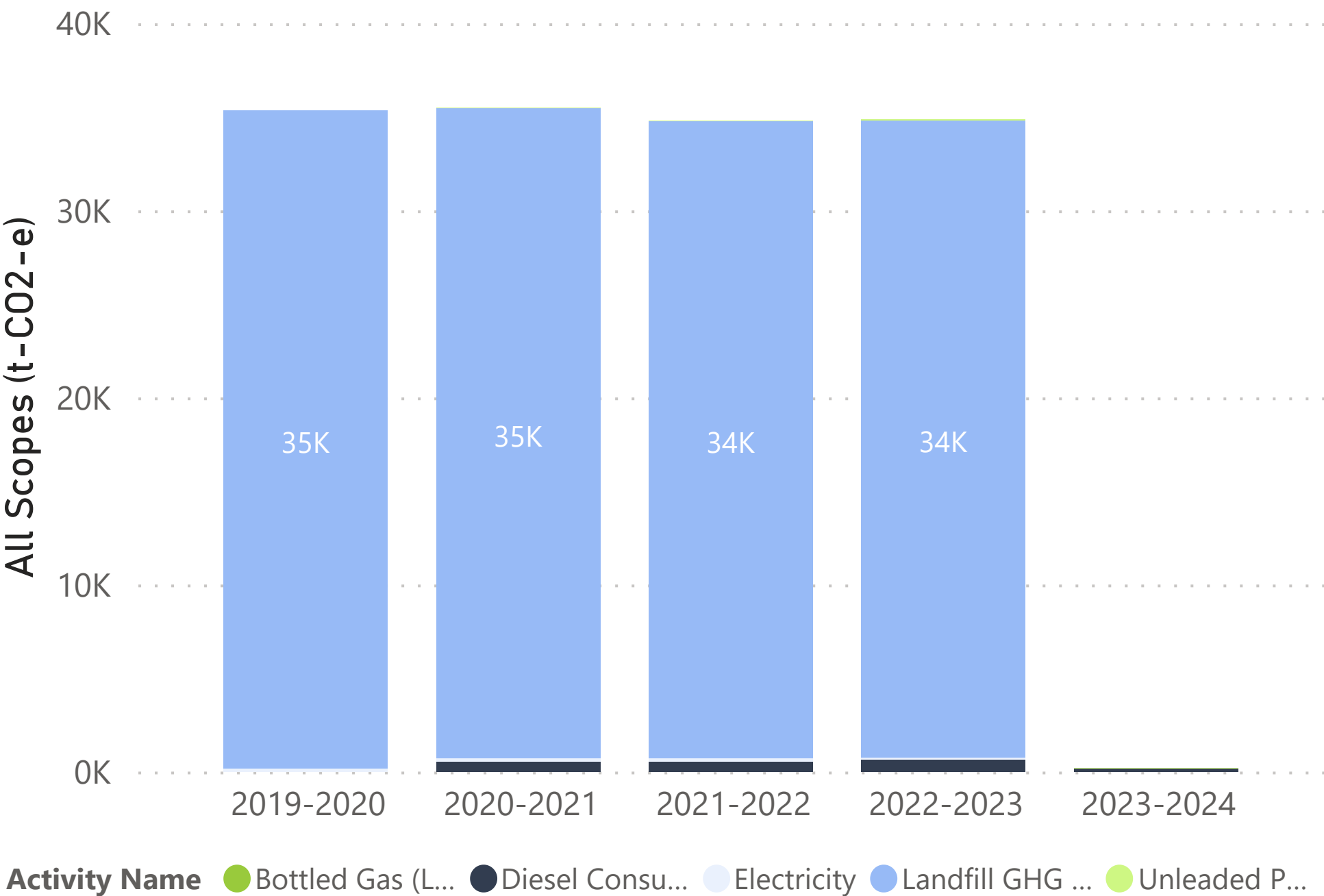
Offsets from PPA

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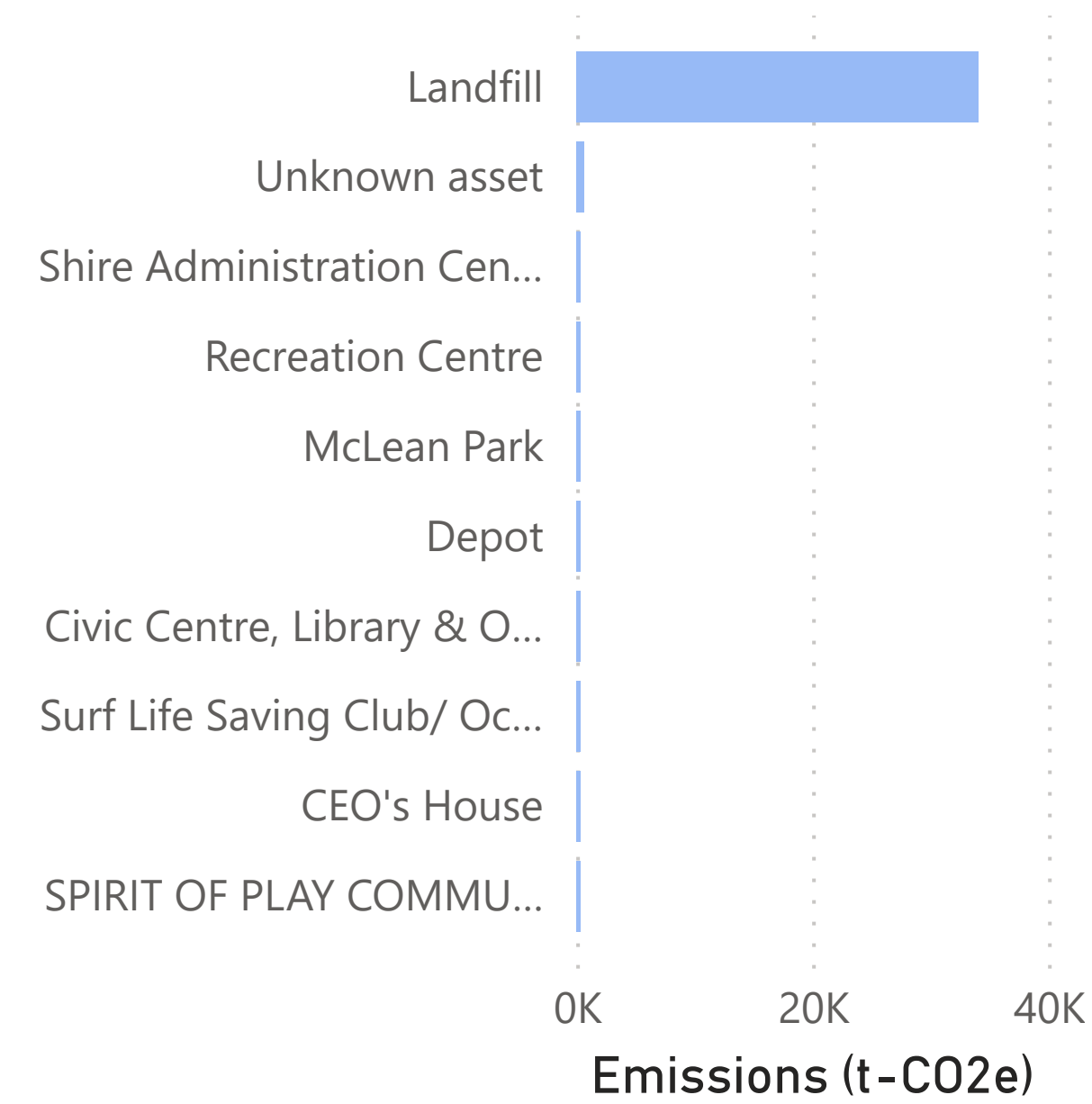
Financial Year	All Scopes (t-CO2e)	Nett All Scopes (t-CO2e)	YoY Change (%)		Scope 1+2 (t-CO2e)	Nett Scope 1+2 (t-CO2e)	YoY Change (%)		Offsets from Green Energy (t-CO2e)	Offsets from PPA (t-CO2e)	Total Scope 2 Offsets
▼											
⊕ 2023-2024	202.67	202.67	-97.69	↓	167.14	167.14	-98.09	↓	0.00		0.00
⊕ 2022-2023	34,870.57	34,870.57	0.18	↑	34,728.86	34,728.86	-0.14	↓	0.00		0.00
⊕ 2021-2022	34,808.59	34,808.59	-1.99	↓	34,778.44	34,778.44	-1.98	↓	0.00		0.00
⊕ 2020-2021	35,513.65	35,513.65	0.43	↑	35,480.94	35,480.94	0.37	↑	0.00		0.00
⊕ 2019-2020	35,350.89	35,350.89	24.808	↑	35,349.71	35,349.71	26.579	↑	0.00		0.00

Emissions by Activity

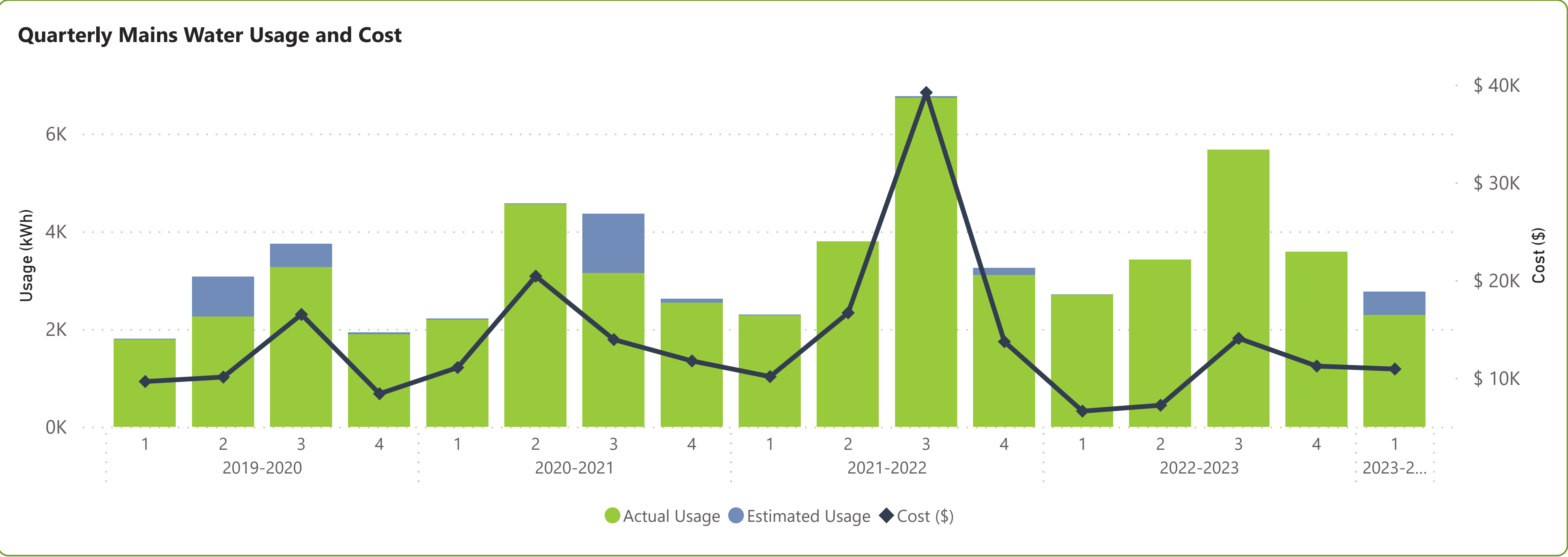
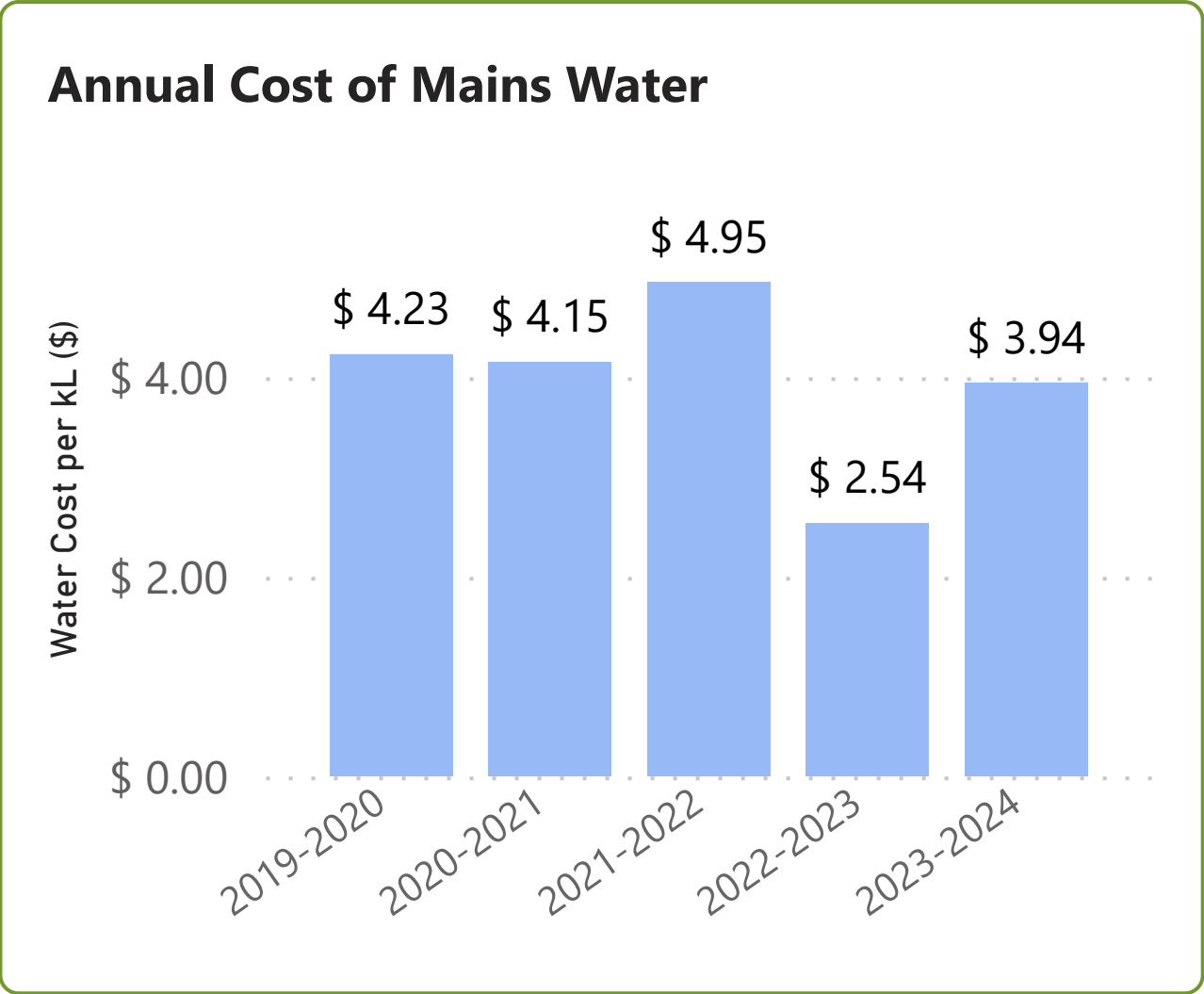
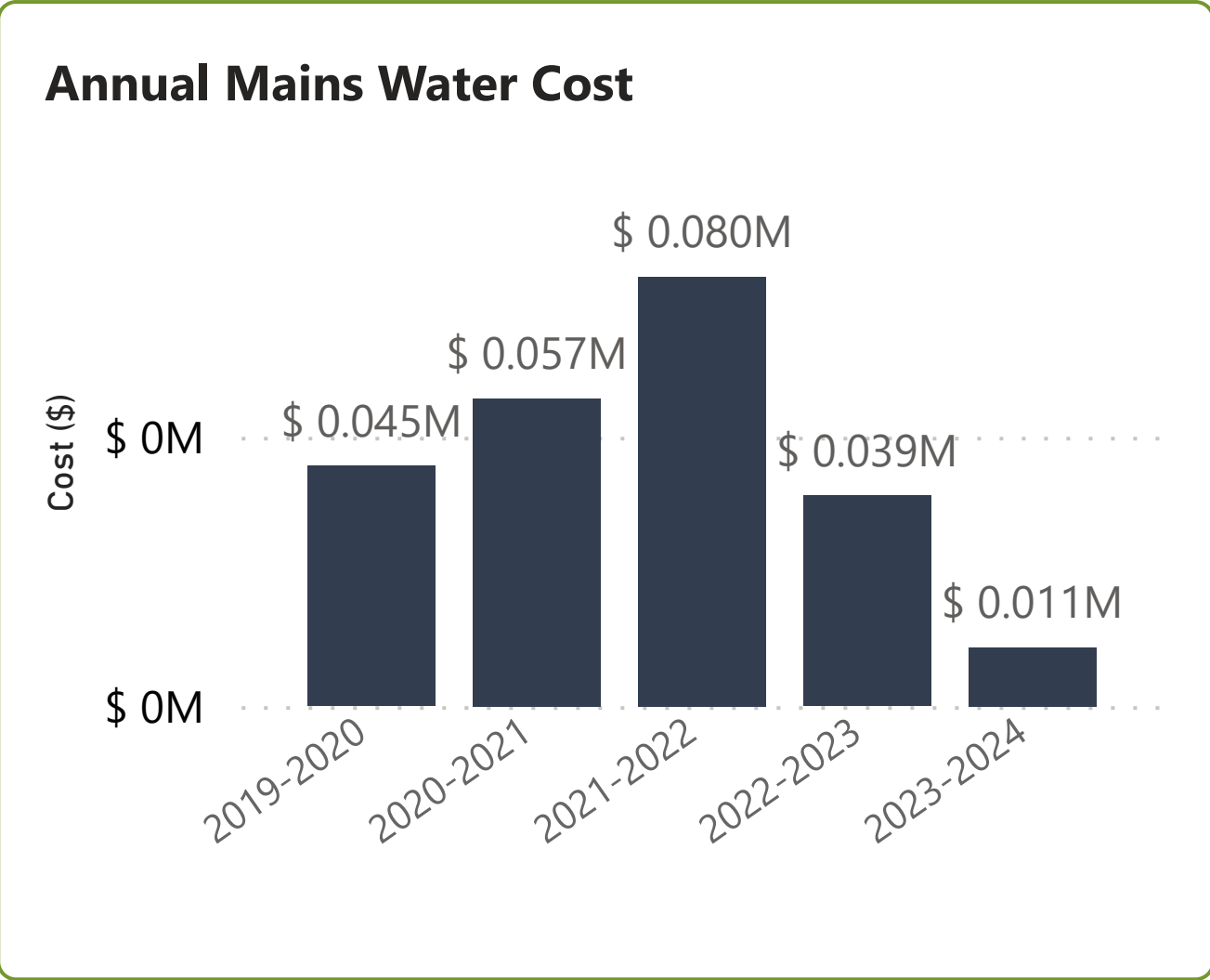
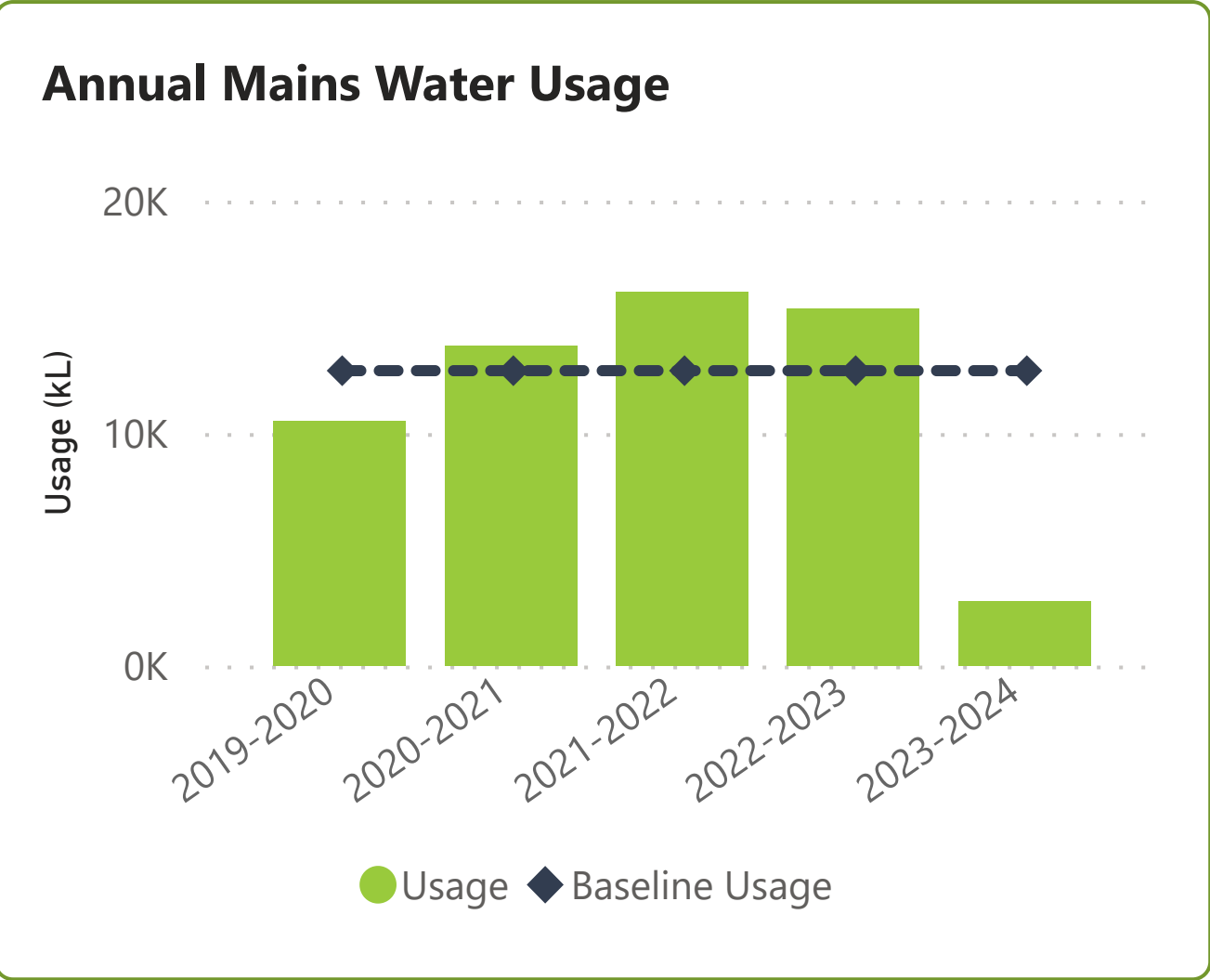


Activity Name	All Scopes	% of Total
Bottled Gas (LPG for stationary energy)	3.48	0.01%
Diesel Consumption (transport)	624.25	1.79%
Electricity	145.27	0.42%
Landfill GHG Emissions from Methane	34,059.00	97.67%
Unleaded Petrol Consumption (transport)	38.56	0.11%
Total	34,870.57	100.00%

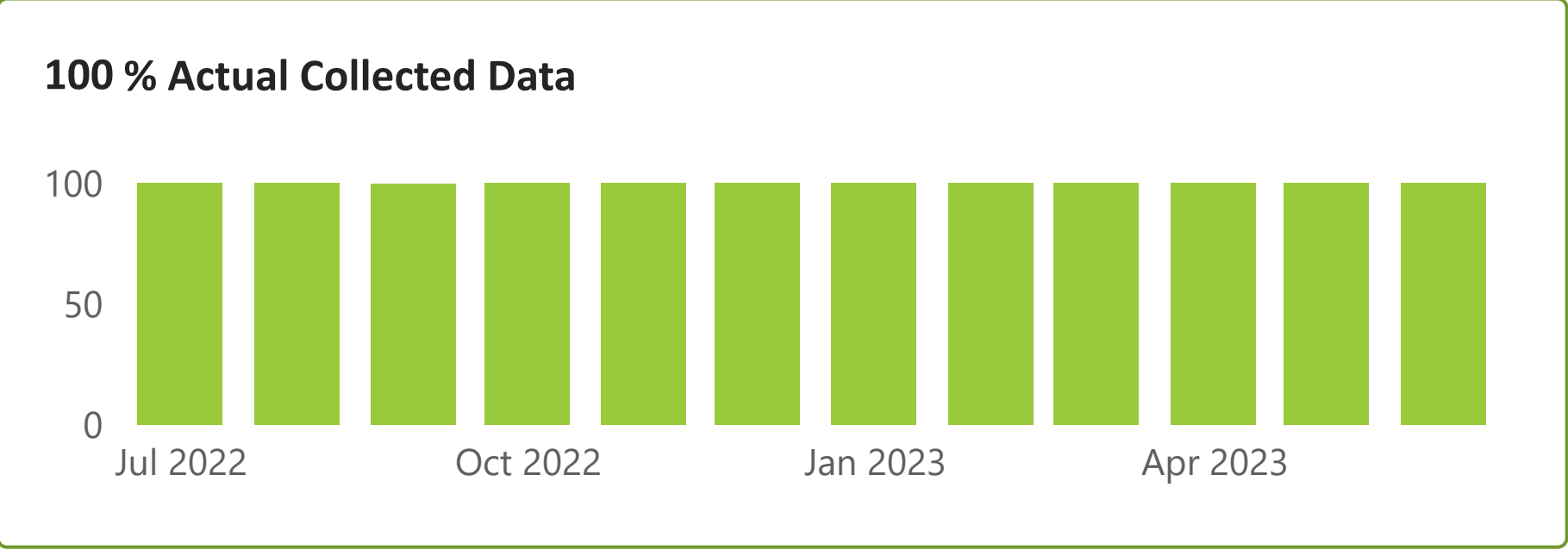
Top 10 Assets Emissions Performance



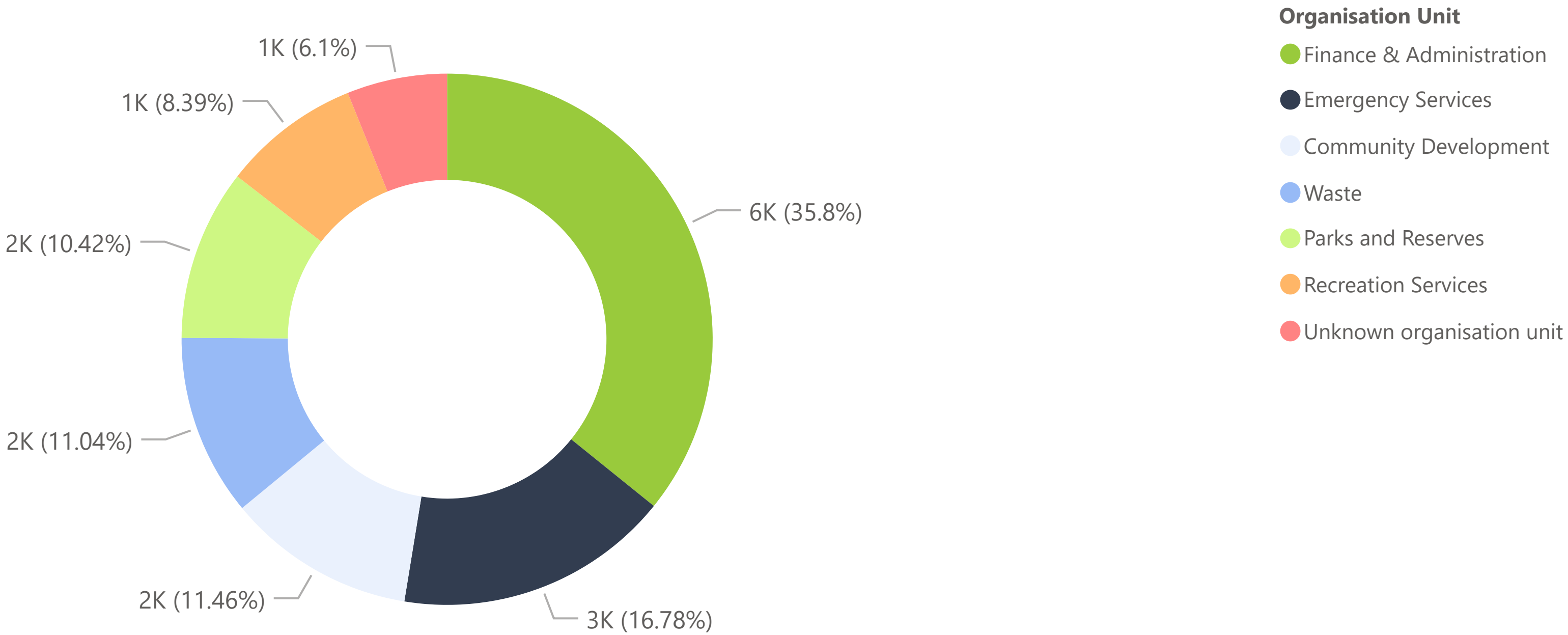
Asset Name	Scope 1+2	All Scopes
Landfill	34,059.00	34,059.00
Unknown asset	535.15	666.29
Shire Administration Centre	24.87	26.82
Recreation Centre	20.76	22.39
McLean Park	19.23	20.74
Depot	10.18	10.98
Civic Centre, Library & Old Resource Centre	9.54	10.29
Surf Life Saving Club/ Ocean Beach Shower and Toilets	7.42	8.00
CEO's House	5.99	6.46
SPIRIT OF PLAY COMMUNITY SCHOOL	5.95	6.41



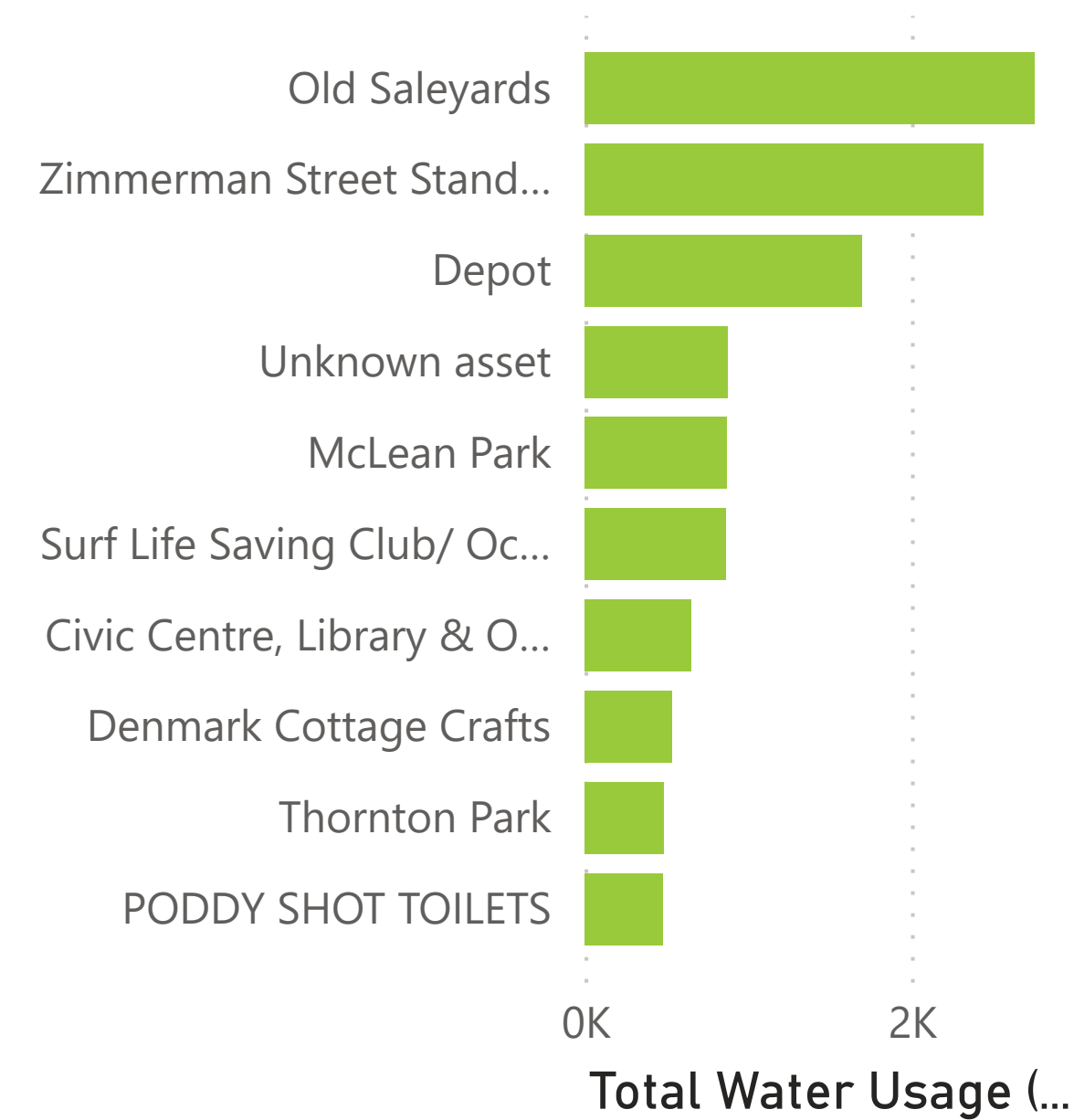
Financial Year	Usage (kL)	Change (%)	Cost (\$)	Cost Change (%)
2023-2024	2,768	2.37 ↑	\$ 10,906	65.39 ↑
2022-2023	15,383	-4.46 ↓	\$ 39,044	-51.01 ↓
2021-2022	16,101	17.03 ↑	\$ 79,701	39.54 ↑
2020-2021	13,758	30.43 ↑	\$ 57,117	28.13 ↑
2019-2020	10,548	-28.26 ↓	\$ 44,576	-1.10 ↓



Mains Water Usage by Organisation Units



Top 10 Assets Mains Water Performance



Asset Name	Cost (\$)	Cost per kL (\$)
Zimmerman Street Standpipe	\$ 8,574	\$ 3.51
Old Saleyards	\$ 6,929	\$ 2.51
Depot	\$ 3,910	\$ 2.30
Unknown asset	\$ 1,980	\$ 2.27
McLean Park	\$ 1,899	\$ 2.19
Surf Life Saving Club/ Ocean Beach Shower and Toilets	\$ 1,861	\$ 2.16
Civic Centre, Library & Old Resource Centre	\$ 1,691	\$ 2.60
Denmark Cottage Crafts	\$ 1,137	\$ 2.13
Thornton Park	\$ 1,120	\$ 2.31
PODDY SHOT TOILETS	\$ 952	\$ 1.99
Total	\$ 30,053	\$ 2.58

Assets with Biggest Usage Increases

Asset Name	Usage (kL)	Change (kL) ▼	Change (%)	Cost (\$)	Cost per kL (\$)
Unknown asset	874.00	874.00		1,980.00	2.27
PODDY SHOT TOILETS	478.00	360.00	305.08	952.00	1.99
Visitors Centre	293.00	293.00		558.00	1.90
BERRIDGE PARK	427.00	282.00	194.48	975.00	2.28
Prawn Rock Channel - tap and drinking fountain	218.00	212.00	3,533.33	428.00	1.96
Riverside Club	176.00	176.00		336.00	1.91
Thornton Park	484.00	163.00	50.78	1,120.00	2.31
Randall Park	141.00	91.00	182.00	273.00	1.94
Morgan Richards Community Centre (former Old Hospital)	446.00	83.00	22.87	1,146.00	2.57
CEO's House	78.00	67.00	609.09	234.00	3.00

Assets with Biggest Cost Increases

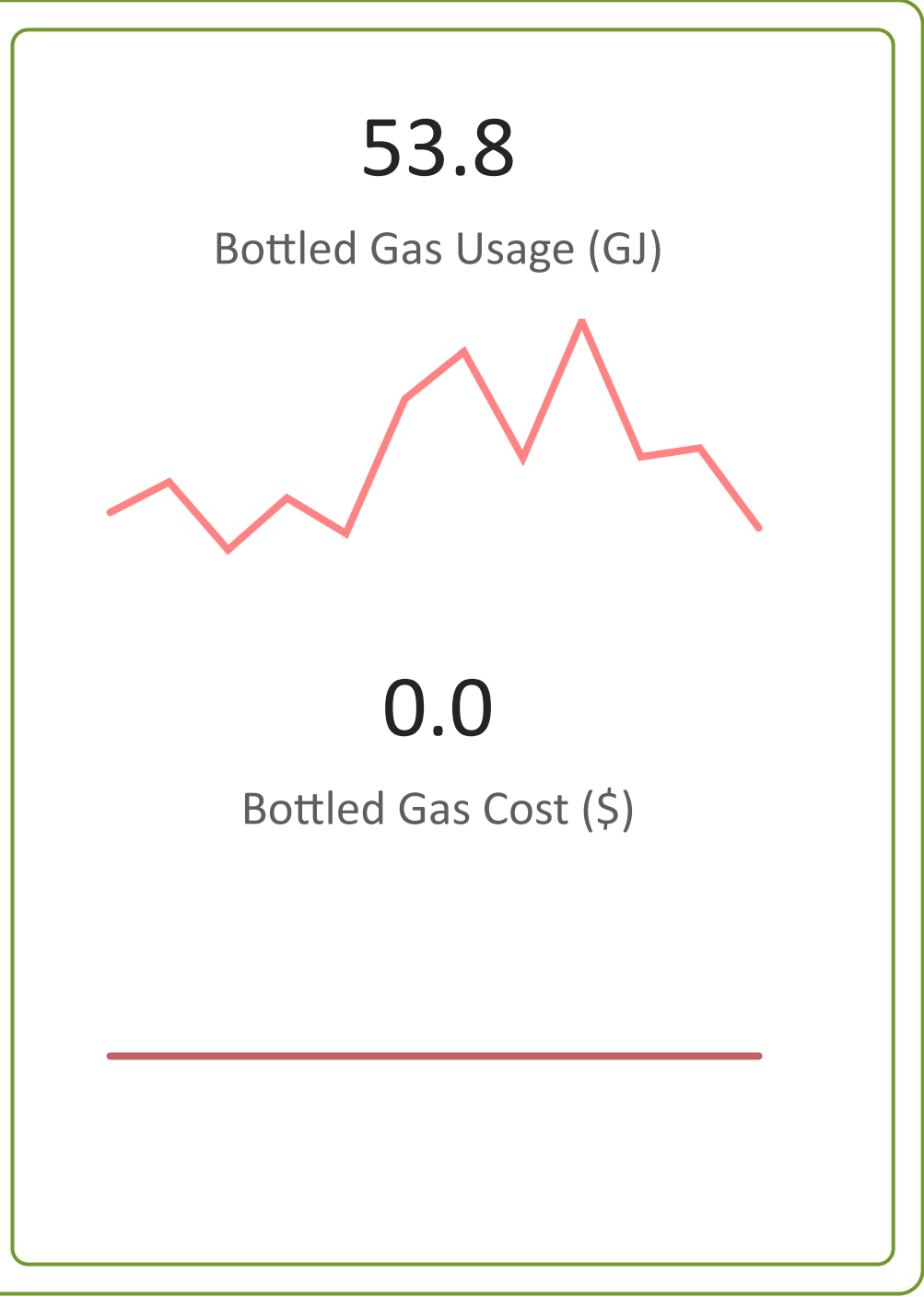
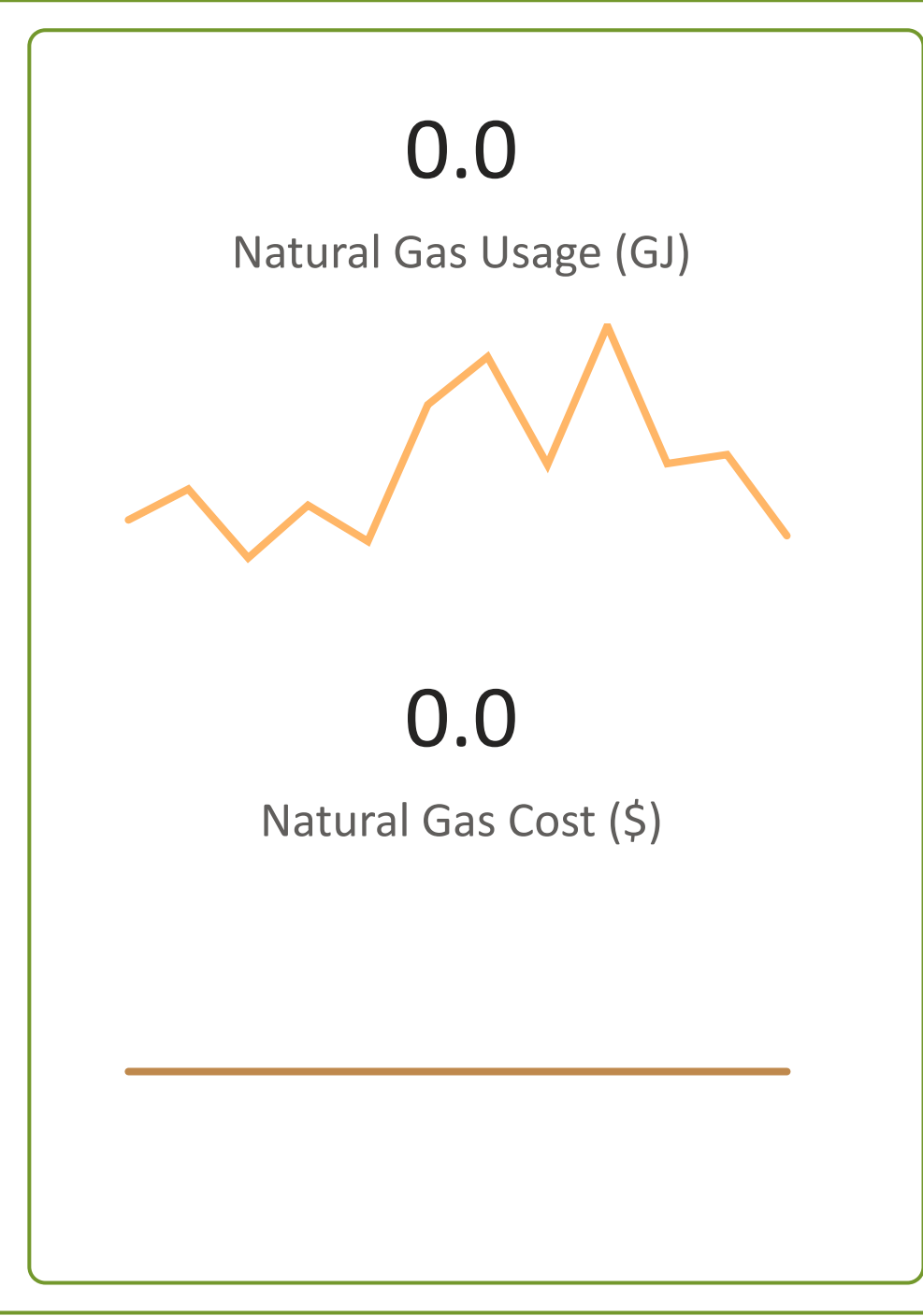
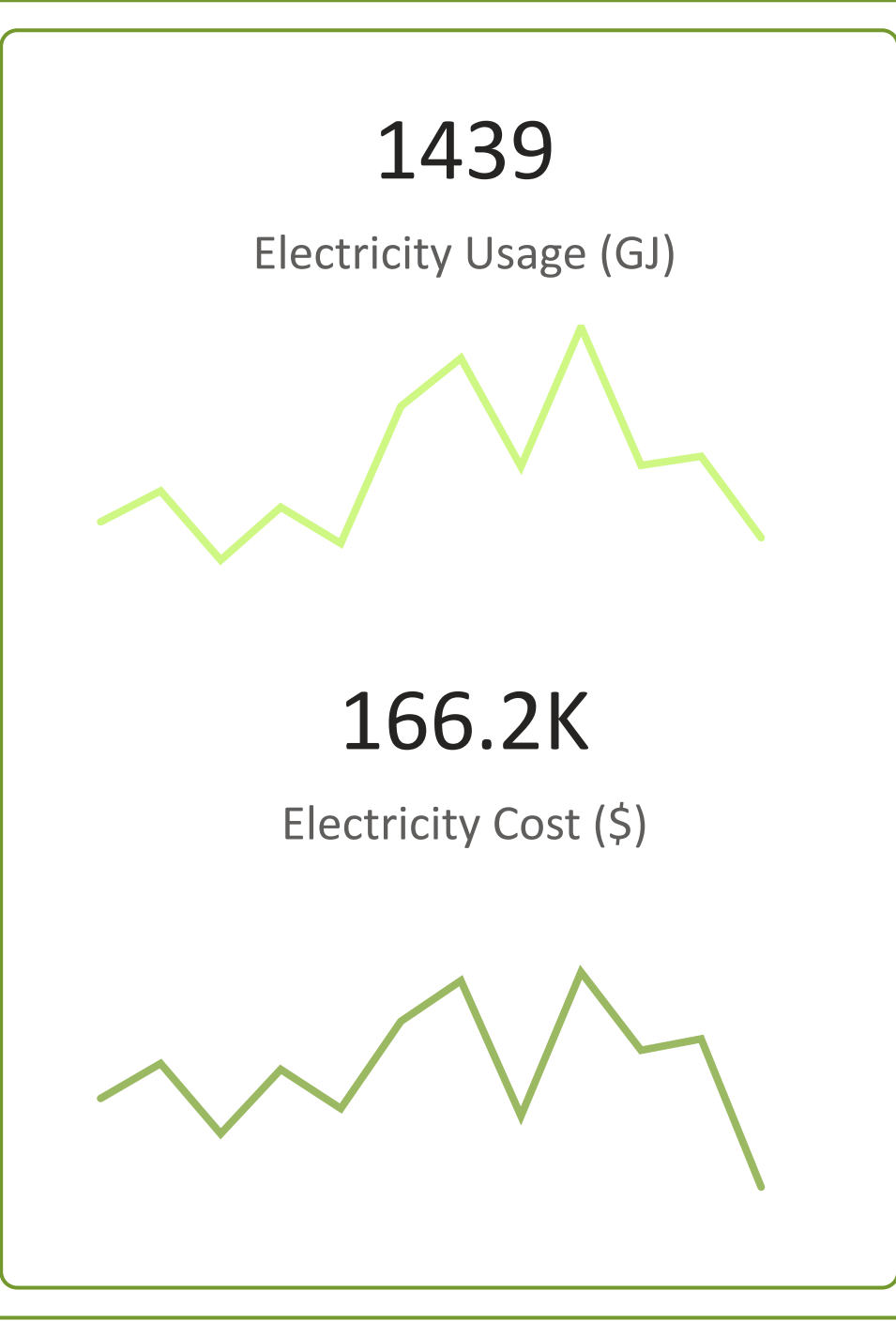
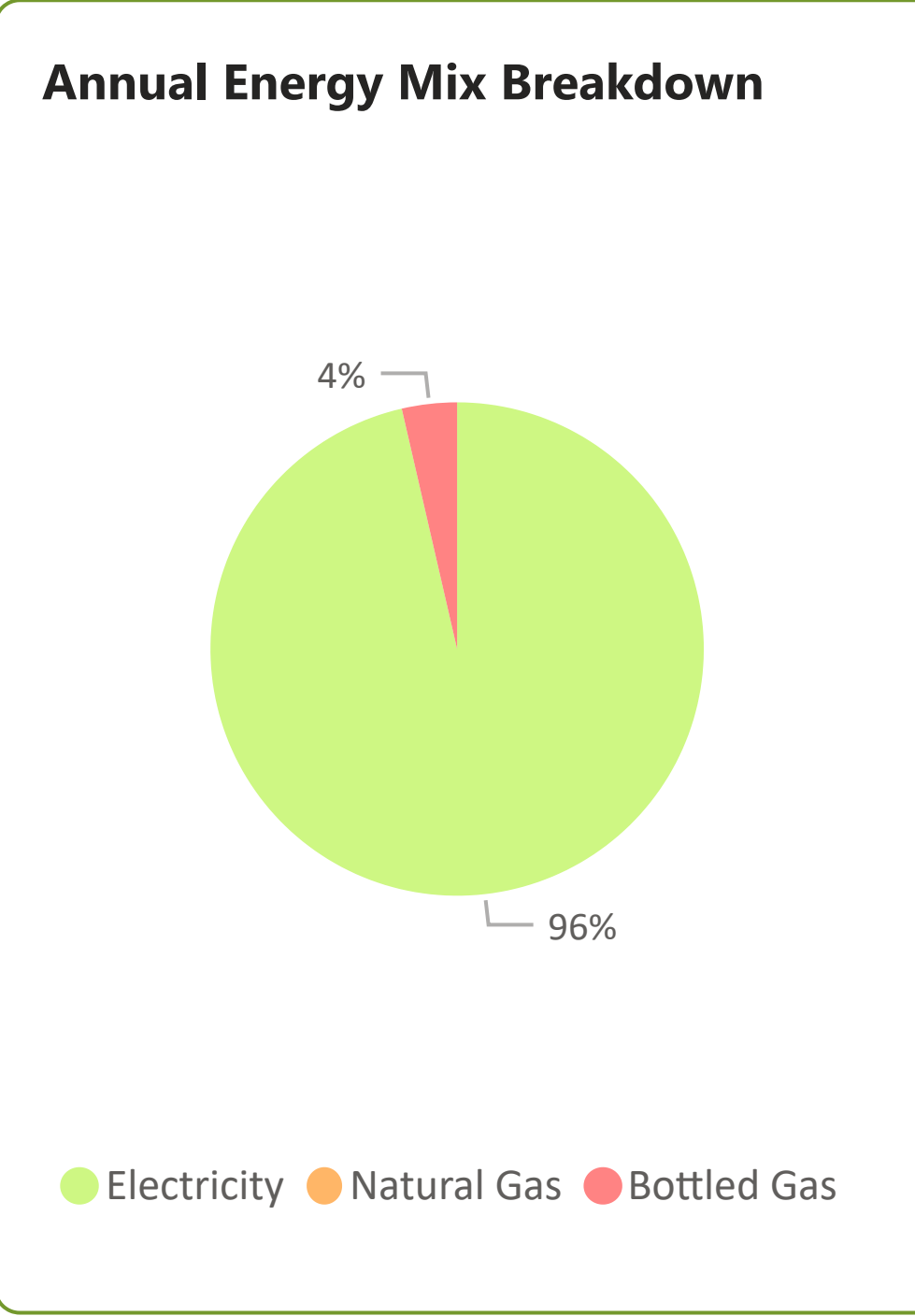
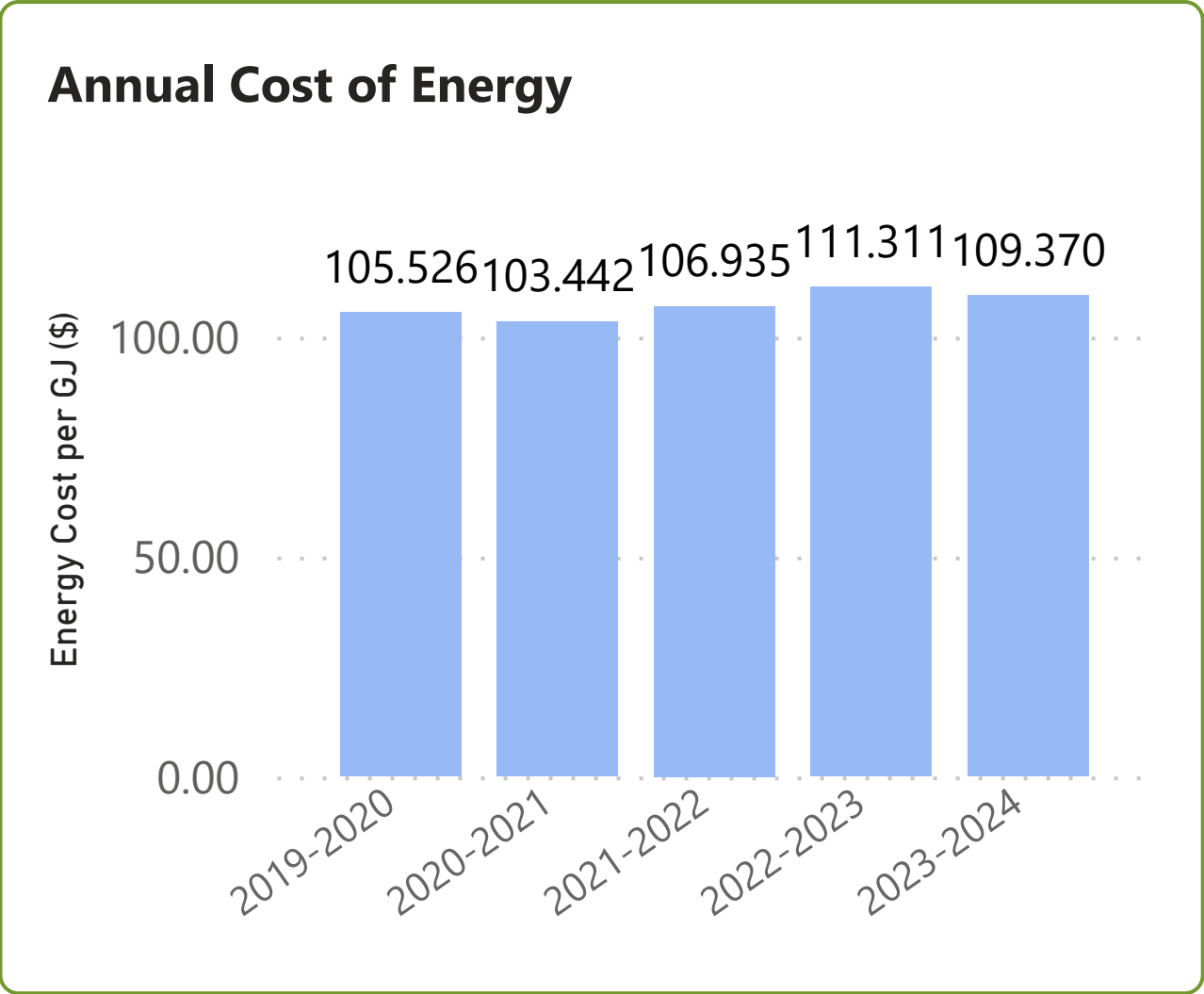
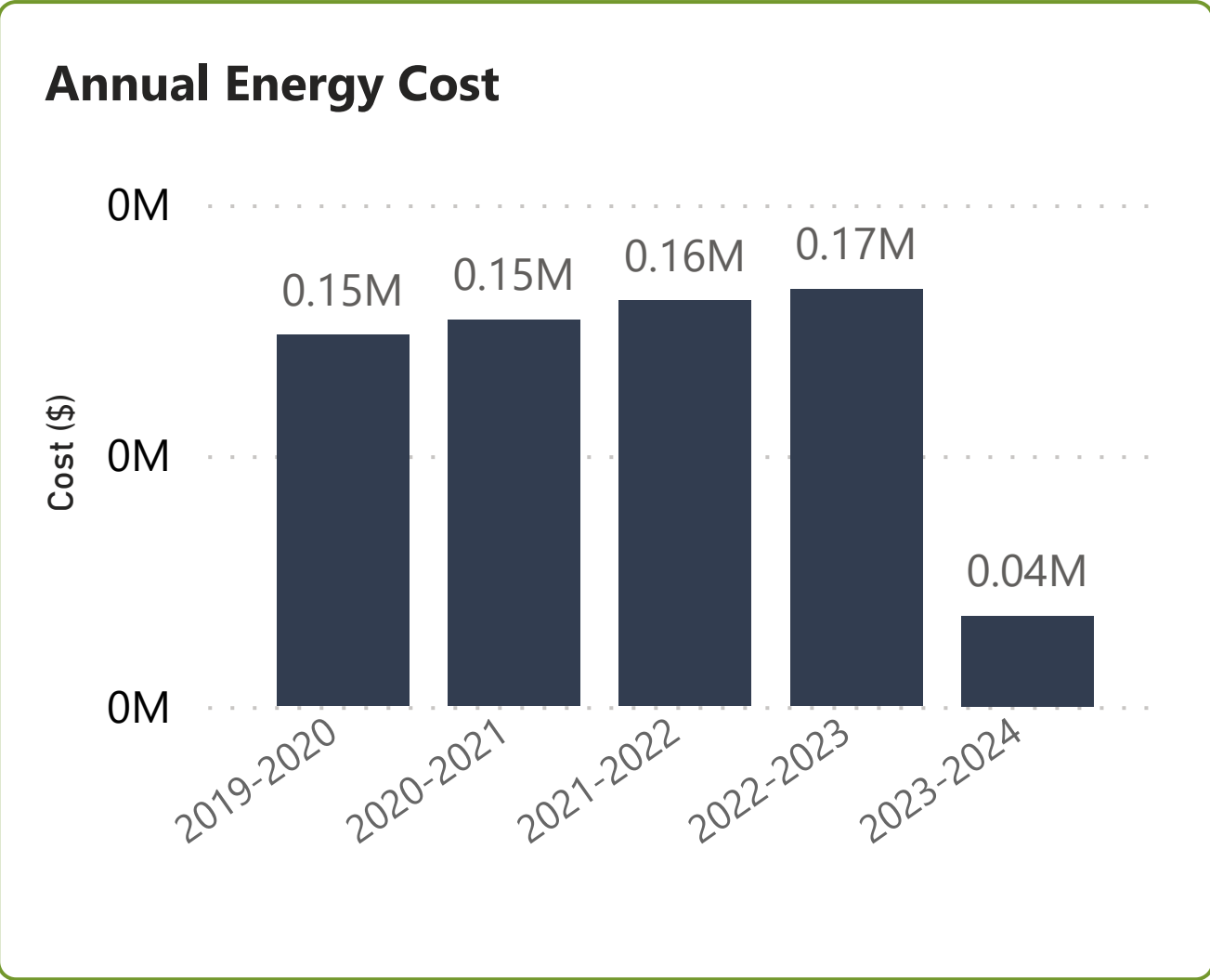
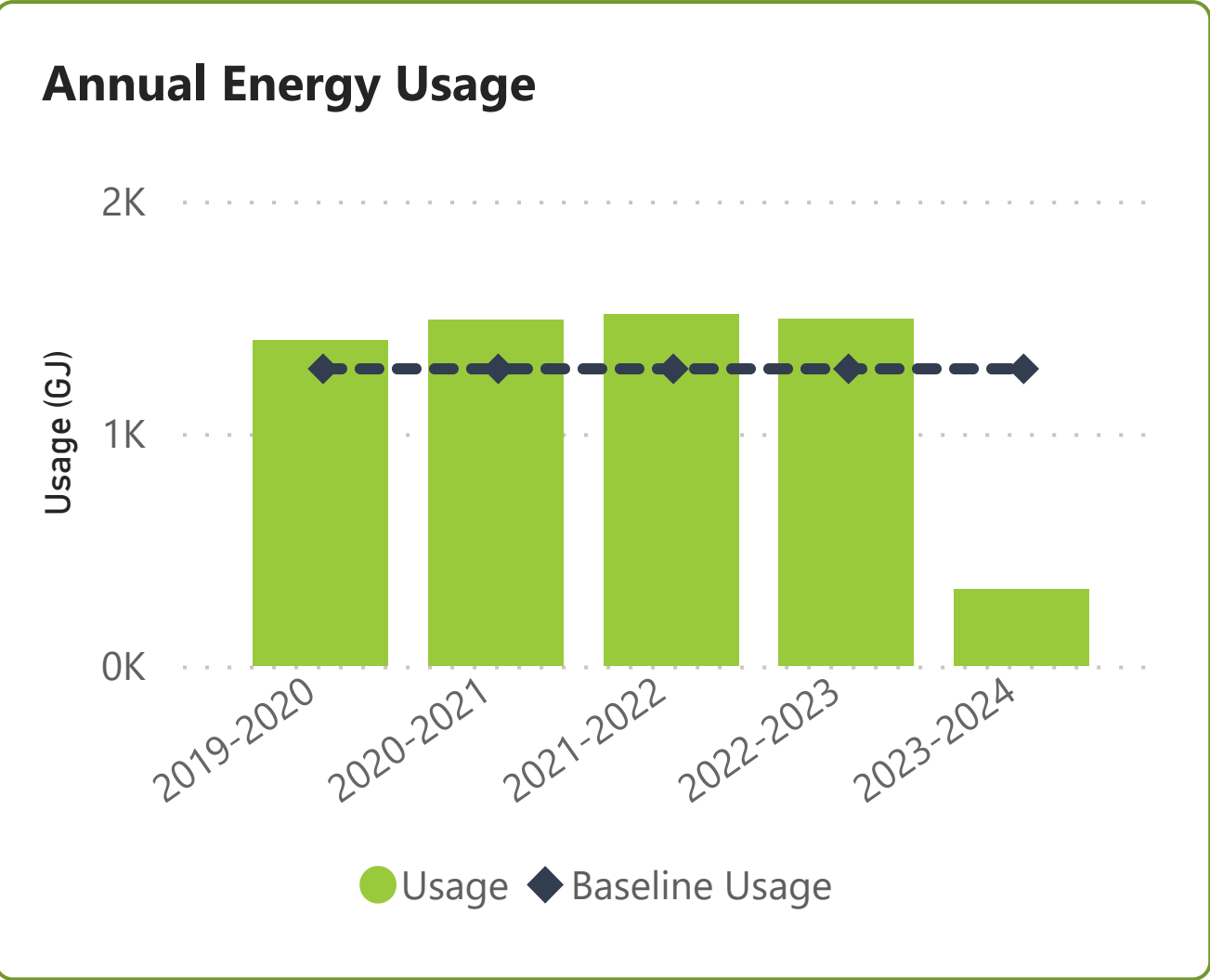
Asset Name	Usage (kL)	Cost (\$)	Change (\$) ▼	Change (%)	Cost per kL (\$)
Unknown asset	874.00	1,980.00	1,980.00		2.27
PODDY SHOT TOILETS	478.00	952.00	642.00	207.10	1.99
Visitors Centre	293.00	558.00	558.00		1.90
Prawn Rock Channel - tap and drinking fountain	218.00	428.00	407.00	1,938.10	1.96
Riverside Club	176.00	336.00	336.00		1.91
BERRIDGE PARK	427.00	975.00	151.00	18.33	2.28
Randall Park	141.00	273.00	134.00	96.40	1.94
Denbarker Road Standpipe	68.00	131.00	131.00		1.93
Visitor Centre Trade Waste Dump Point	0.00	238.00	129.00	118.35	
Ocean Beach Road Standpipe	58.00	106.00	106.00		1.83

Assets with Biggest Usage Decreases

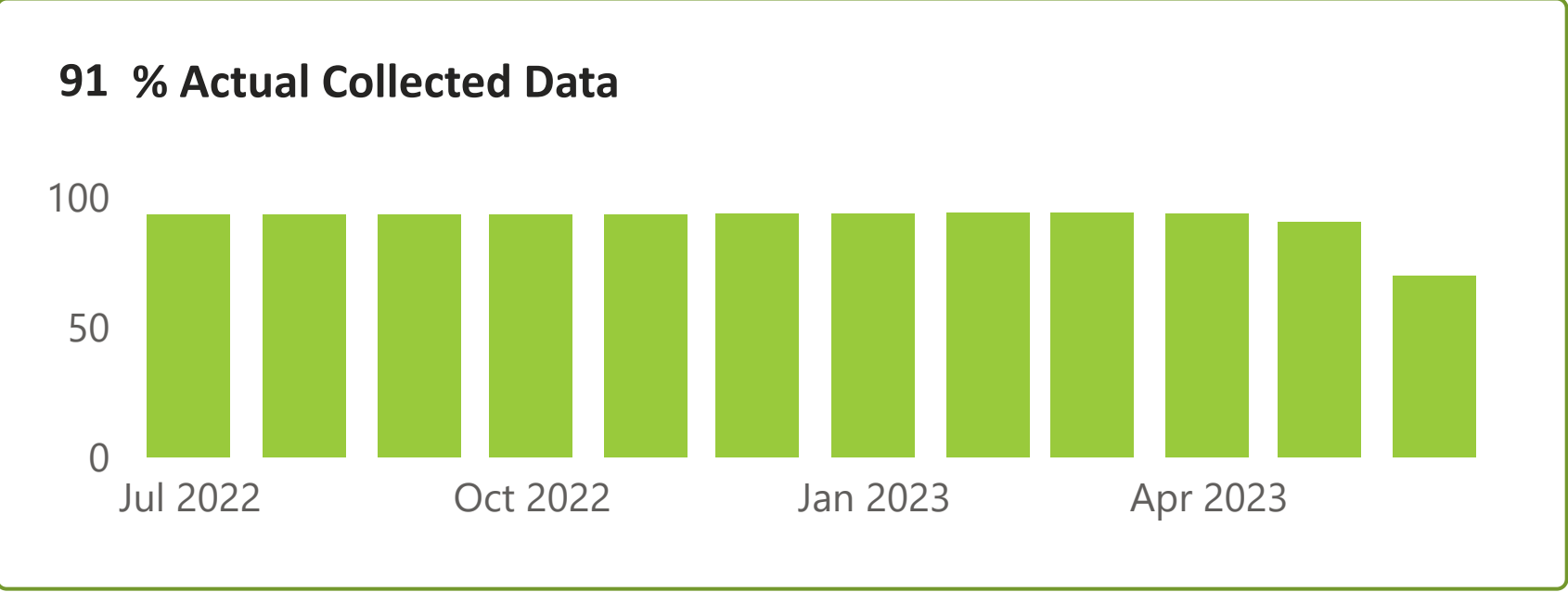
Asset Name	Usage (kL)	Change (kL) ▲	Change (%)	Cost (\$)	Cost per kL (\$)
Zimmerman Street Standpipe	2,444.00	-1,533.00	-38.55	8,574.00	3.51
Old Saleyards	2,757.00	-451.00	-14.06	6,929.00	2.51
Depot	1,699.00	-397.00	-18.94	3,910.00	2.30
Strickland Street Median Strip	102.00	-258.00	-71.67	204.00	2.00
Surf Life Saving Club/ Ocean Beach Shower and Toilets	862.00	-245.00	-22.13	1,861.00	2.16
Shire Staff Rental Chiltern Road/ DASD House	213.00	-190.00	-47.15	479.00	2.25
Denmark Cottage Crafts	534.00	-175.00	-24.68	1,137.00	2.13
Civic Centre, Library & Old Resource Centre	650.00	-110.00	-14.47	1,691.00	2.60
Denbarker Road Standpipe	68.00	-75.00	-52.45	131.00	1.93
Denmark Arts Centre Precinct (former Frail Aged Lodge)	86.00	-41.00	-32.28	370.00	4.30

Assets with Biggest Cost Decreases

Asset Name	Usage (kL)	Cost (\$)	Change (\$) ▲	Change (%)	Cost per kL (\$)
Zimmerman Street Standpipe	2,444.00	8,574.00	-29,015.00	-77.19	3.51
Civic Centre, Library & Old Resource Centre	650.00	1,691.00	-2,364.00	-58.30	2.60
Old Saleyards	2,757.00	6,929.00	-1,828.00	-20.87	2.51
Depot	1,699.00	3,910.00	-1,809.00	-31.63	2.30
Denmark Cottage Crafts	534.00	1,137.00	-1,208.00	-51.51	2.13
Morgan Richards Community Centre (former Old Hospital)	446.00	1,146.00	-1,202.00	-51.19	2.57
Denmark Arts Centre Precinct (former Frail Aged Lodge)	86.00	370.00	-1,043.00	-73.81	4.30
Surf Life Saving Club/ Ocean Beach Shower and Toilets	862.00	1,861.00	-933.00	-33.39	2.16
Strickland Street Median Strip	102.00	204.00	-778.00	-79.23	2.00
Shire Staff Rental Chiltern Road/ DASD House	213.00	479.00	-613.00	-56.14	2.25



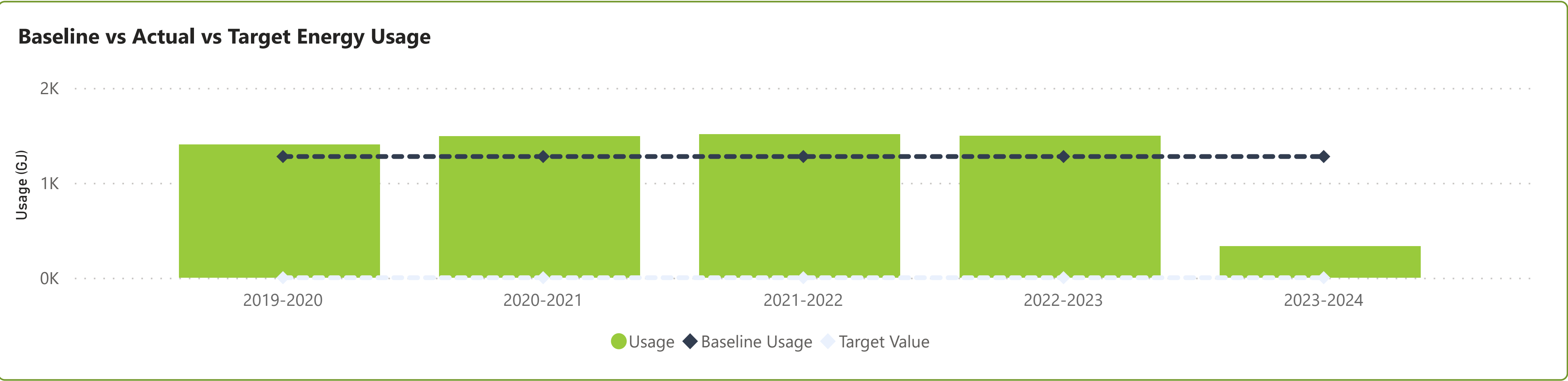
Financial Year	Usage (GJ)	Change (%)	Cost (\$)	Cost Change (%)
2023-2024	329.59	-8.38 ↓	36,047.00	-11.71 ↓
2022-2023	1,492.79	-1.21 ↓	166,163.00	2.83 ↑
2021-2022	1,511.04	1.53 ↑	161,583.00	4.96 ↑
2020-2021	1,488.20	6.14 ↑	153,942.00	4.04 ↑
2019-2020	1,402.14	24.23 ↑	147,963.00	21.85 ↑



Switch to Target Year Option

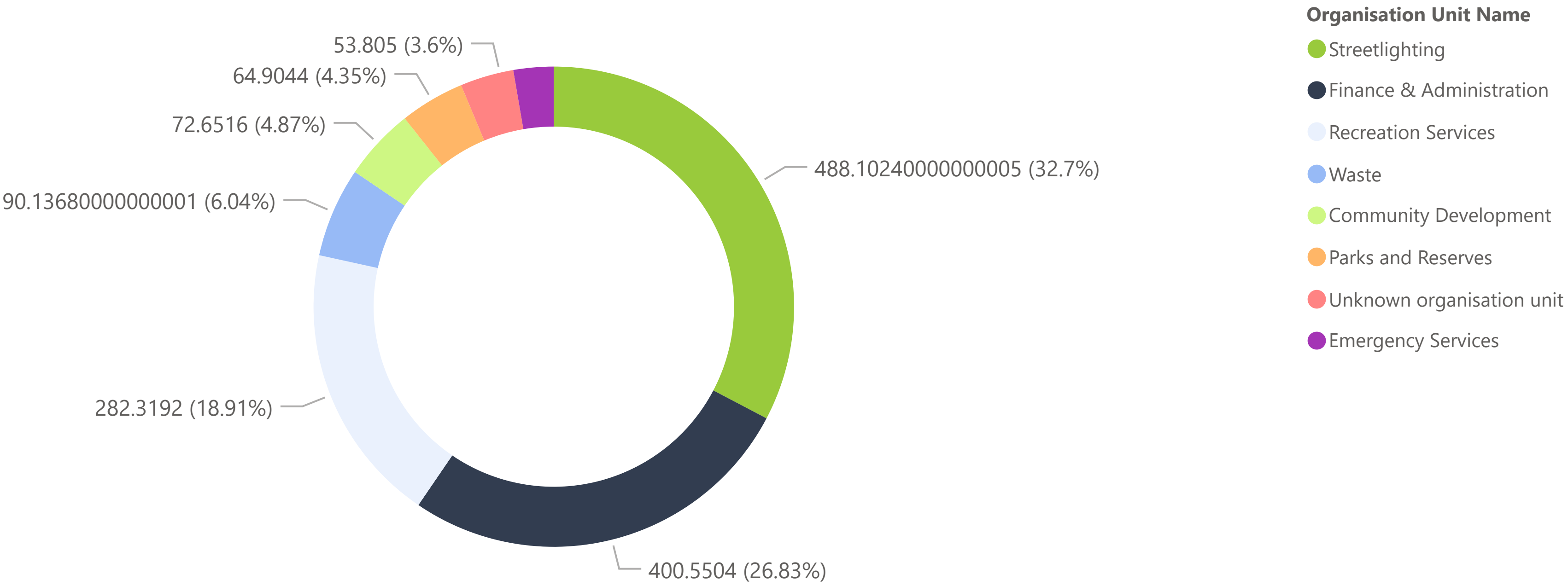
Target Value

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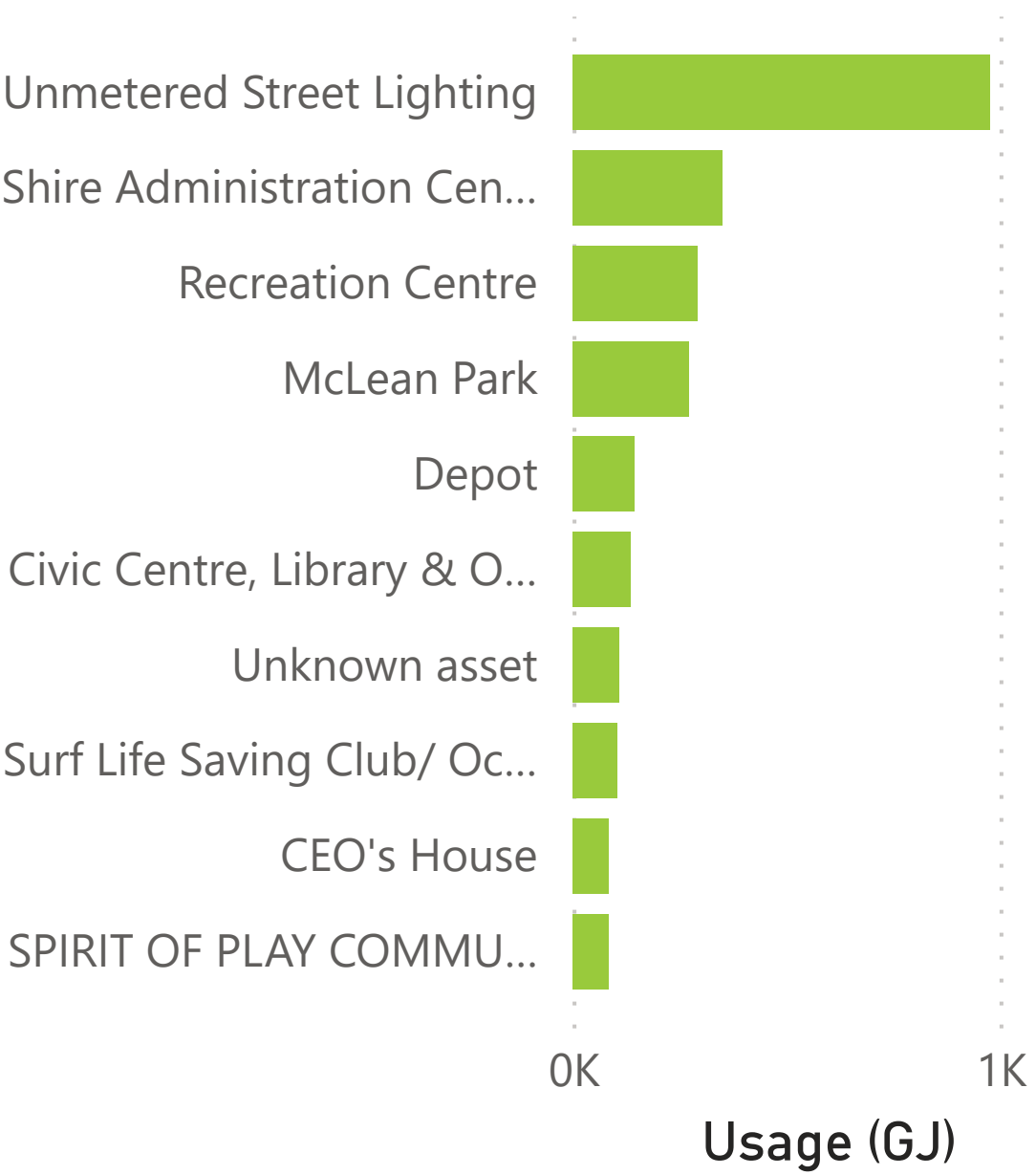


Financial Year	Usage (GJ)	Change (%)	Baseline Usage (GJ)	Target Value (GJ)	Cost (\$)	Cost Change (%)
⊕ 2023-2024	329.59	-8.38 ↓	1,276.65	0	36,047.00	-11.71 ↓
⊕ 2022-2023	1,492.79	-1.21 ↓	1,276.65	0	166,163.00	2.83 ↑
⊕ 2021-2022	1,511.04	1.53 ↑	1,276.65	0	161,583.00	4.96 ↑
⊕ 2020-2021	1,488.20	6.14 ↑	1,276.65	0	153,942.00	4.04 ↑
⊕ 2019-2020	1,402.14	24.23 ↑	1,276.65	0	147,963.00	21.85 ↑

Energy Usage by Organisation Units



Top 10 Assets Energy Performance



Asset Name	Cost (\$)	Cost per GJ (\$)
Unmetered Street Lighting	71,537.00	146.56
Shire Administration Centre	15,732.00	89.61
Recreation Centre	12,224.00	83.40
McLean Park	11,368.00	83.74
Depot	6,321.00	87.95
Civic Centre, Library & Old Resource Centre	5,965.00	88.58
Surf Life Saving Club/ Ocean Beach Shower and Toilets	4,692.00	89.59
SPIRIT OF PLAY COMMUNITY SCHOOL	3,813.00	90.82
CEO's House	3,416.00	80.83
Unknown asset	0.00	0.00