



**Clean Energy Partnership
Q3 Board Meeting
September 23, 2024**



Agenda

1. Welcome and Introductions
2. Review and Approve Agenda and Q2 Minutes
3. EVAC Update
4. 2023 Annual Report
5. Partner Updates



EVAC Update



2023 Annual Report



Greenhouse Gas Emissions (Community-wide)

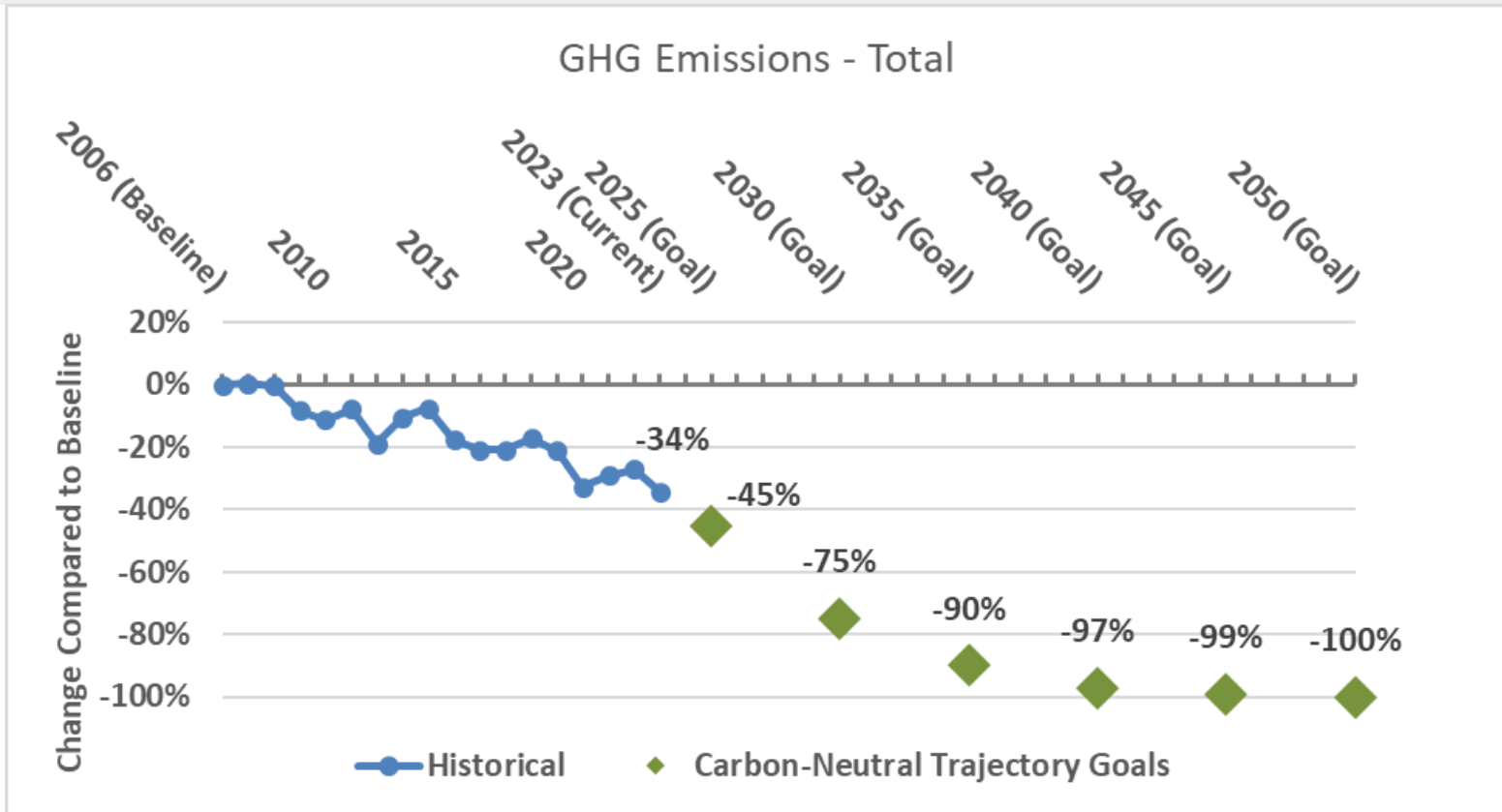
Net-Zero Emissions by 2050:

34% reduction since 2006; not on track for 2050 goals

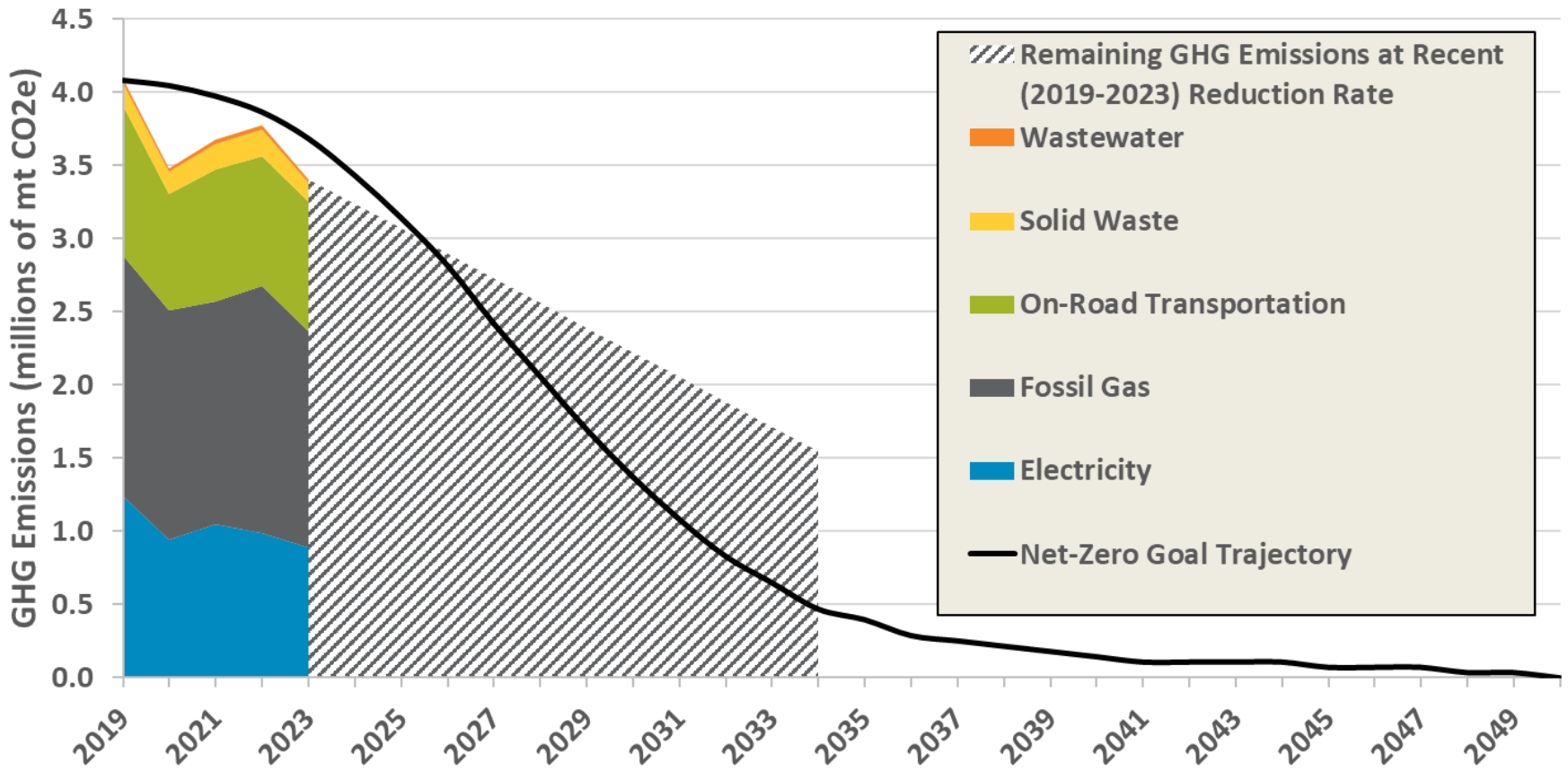
Metric

1

Score: RED



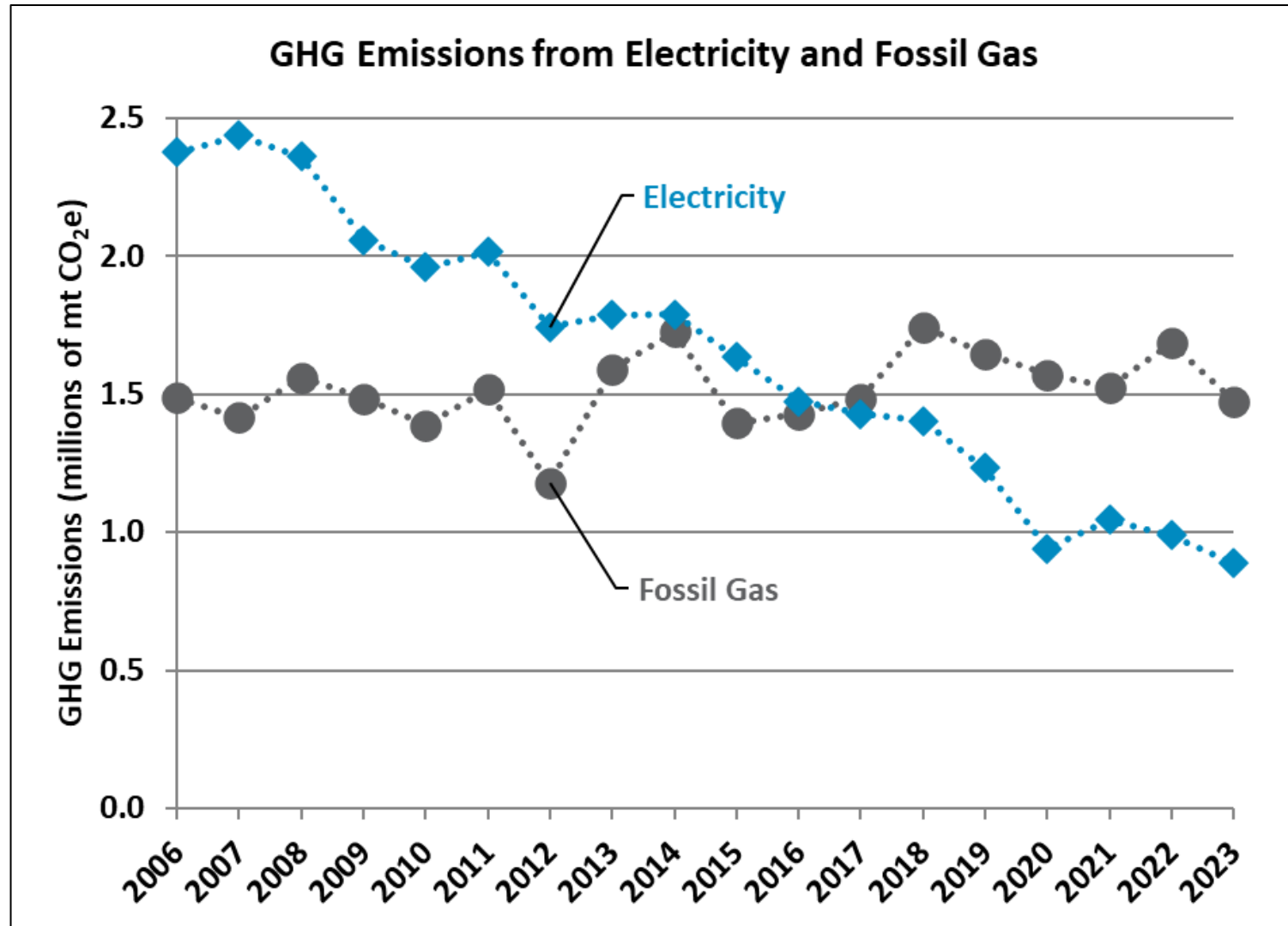
Carbon Budget Exhausted in 2034 under Current Level of Climate Action



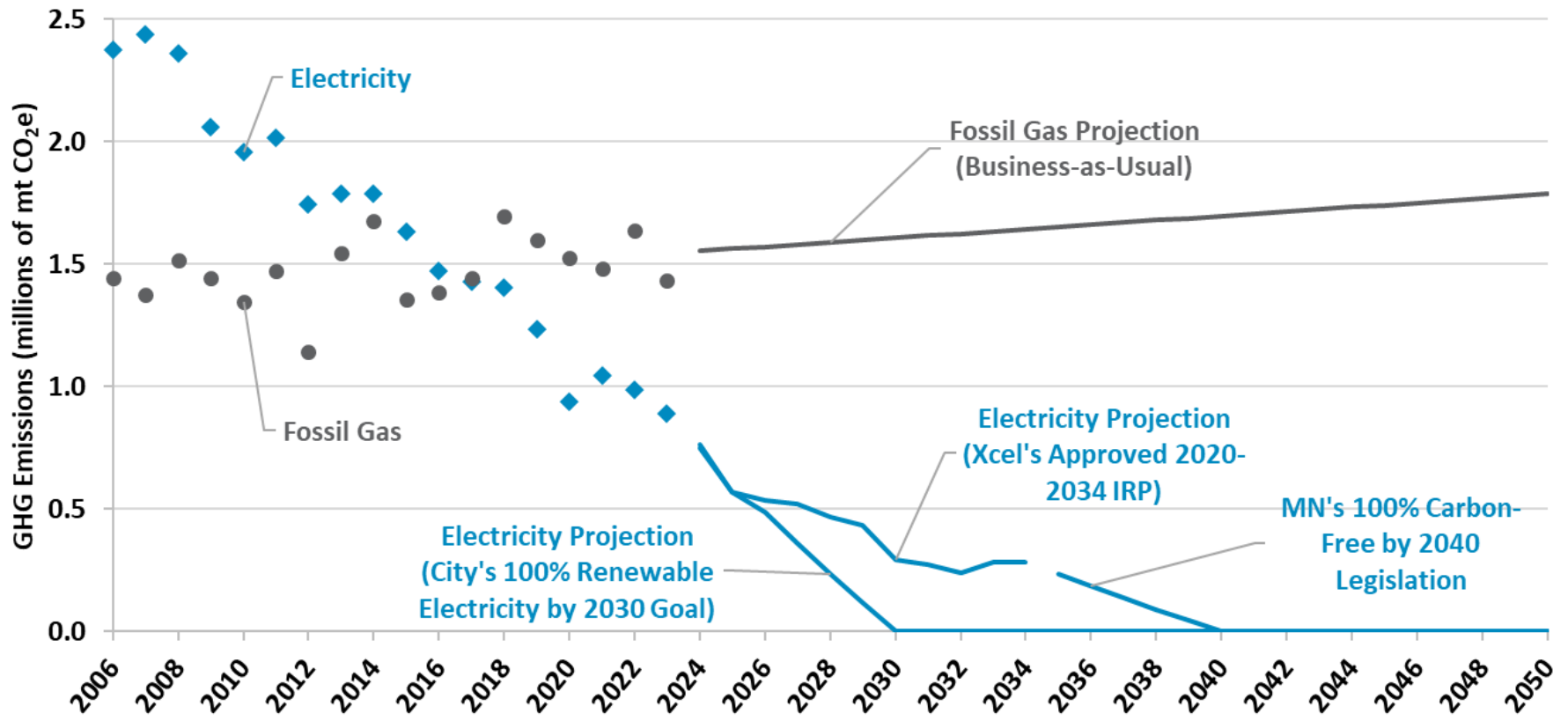


GHG Emissions Change (Compared to 2006 Baseline Year)

	Year	Electricity	Fossil Gas	On-Road Transportation	Solid Waste	Wastewater	OVERALL
Current Yr	2023	-63%	-1%	-20%	-18%	-38%	-34%
Goal Yr	2025	-75%	-10%	-30%	-25%	-45%	-45%
	2030	Carbon-Neutral	-35%	-70%	-70%	-75%	-75%
	2035	Carbon-Neutral	-80%	-91%	-91%	-93%	-92%
	2040	Carbon-Neutral	-93%	-97%	-97%	-97%	-97%
	2045	Carbon-Neutral	-97%	-98%	-98%	-99%	-99%
	2050	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral



GHG Emissions Scenarios for Electricity and Fossil Gas





Greenhouse Gas Emissions (Municipal Operations)

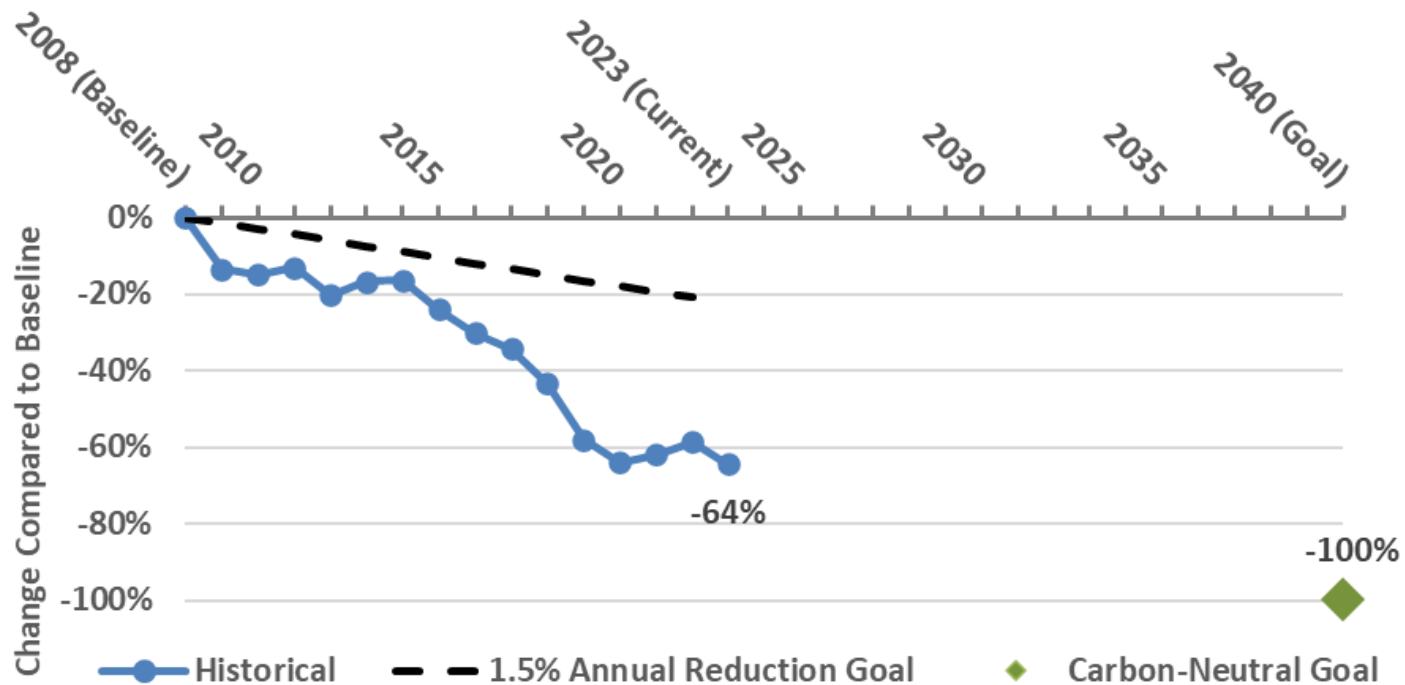
Net-Zero Emissions by 2040:

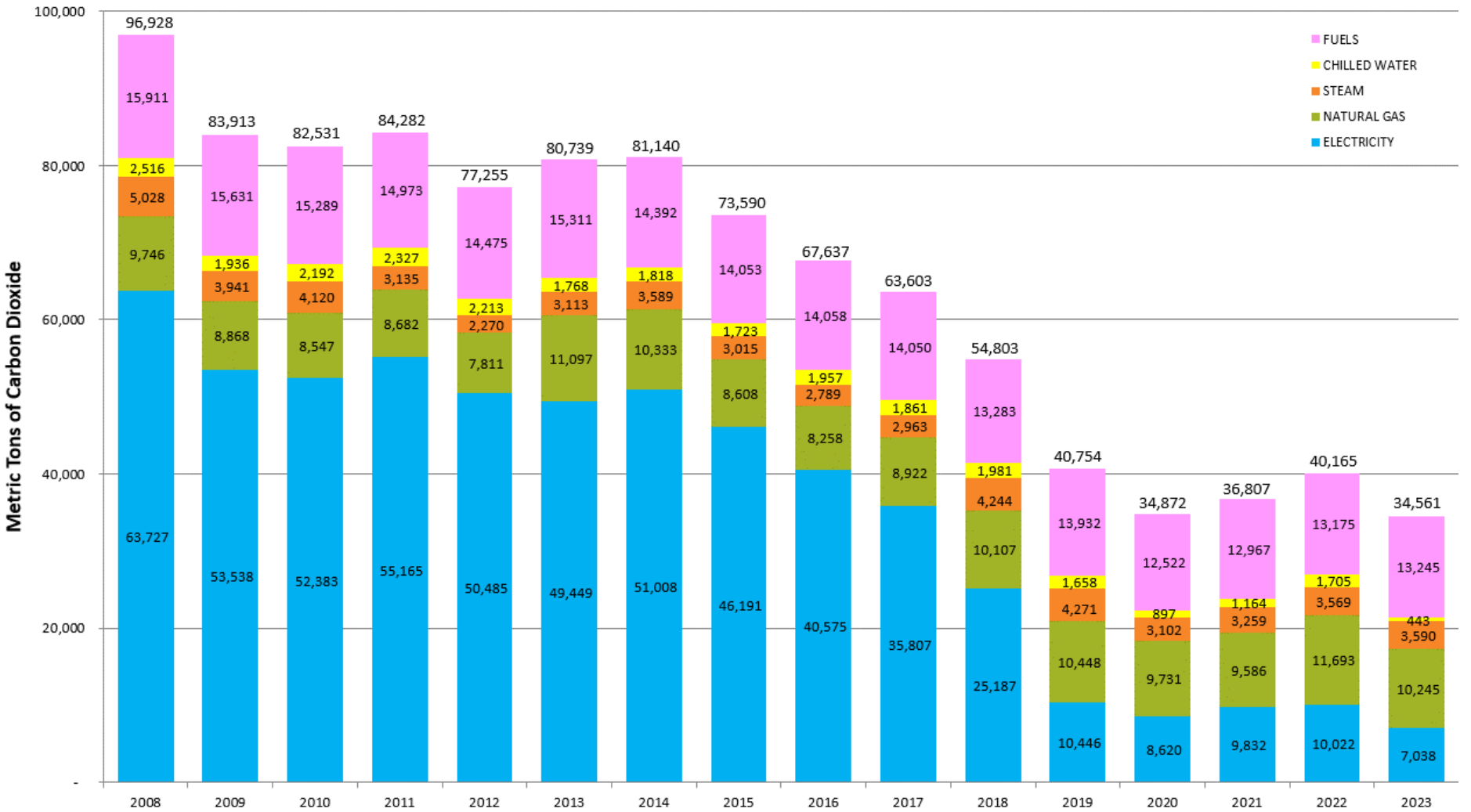
64% reduction since 2008 and on track



Score: GREEN

GHG Emissions - Municipal Operations







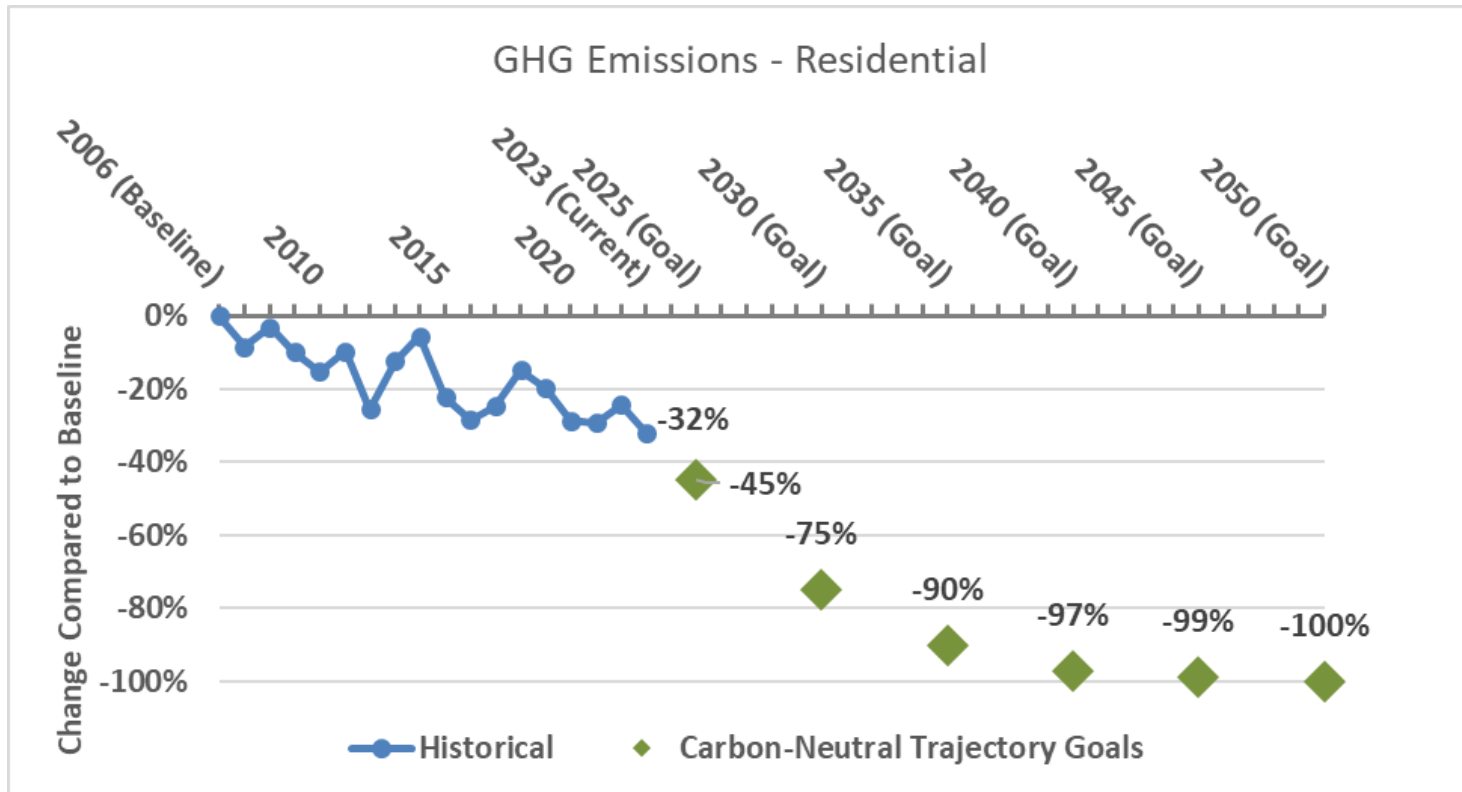
Greenhouse Gas Emissions (Residential)

Net-Zero Emissions by 2050:

32% reduction since 2006; not on track for 2050 goals



Score: RED



Residential Buildings			
GHG Emissions Change (Compared to 2006 Baseline Year)			
Year	Electricity	Fossil Gas	Total
2023 (Actual)	-51%	-17%	-32%
2025 (Goal)	-65%	-25%	-45%
2030 (Goal)	Carbon-Neutral	-50%	-75%
2035 (Goal)	Carbon-Neutral	-85%	-92%
2040 (Goal)	Carbon-Neutral	-95%	-97%
2045 (Goal)	Carbon-Neutral	-97%	-99%
2050 (Goal)	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral



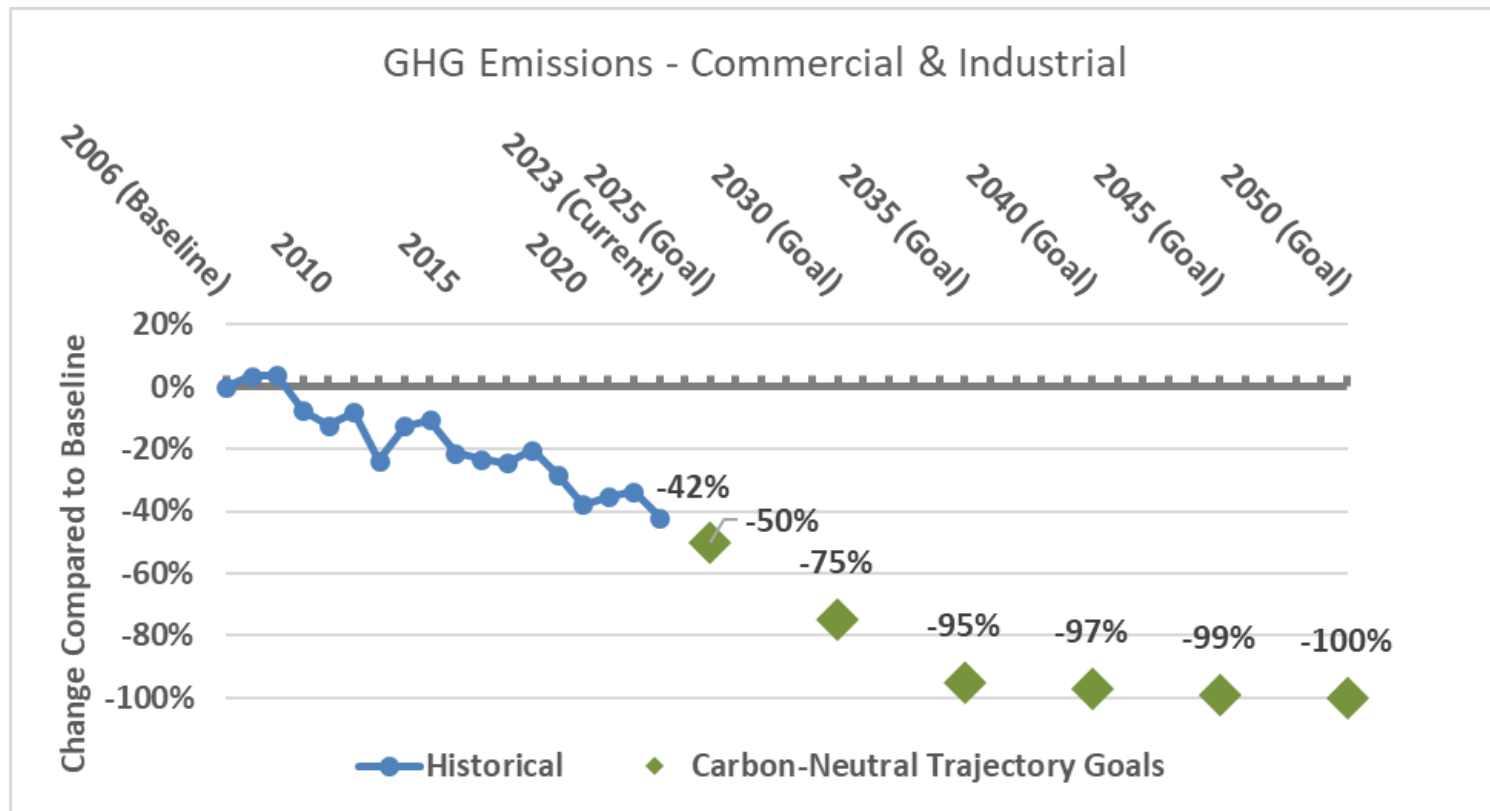
Greenhouse Gas Emissions (Commercial and Industrial)

Net-Zero Emissions by 2050:

42% reduction since 2006; not on track for 2050 goals



Score: RED



Commercial and Industrial Buildings			
GHG Emissions (Change Compared to 2006 Baseline Year)			
Year	Electricity	Fossil Gas	Total
2023 (Actual)	-66%	13%	-42%
2025 (Goal)	-75%	0%	-50%
2030 (Goal)	Carbon-Neutral	-20%	-75%
2035 (Goal)	Carbon-Neutral	-75%	-95%
2040 (Goal)	Carbon-Neutral	-92%	-97%
2045 (Goal)	Carbon-Neutral	-96%	-99%
2050 (Goal)	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral



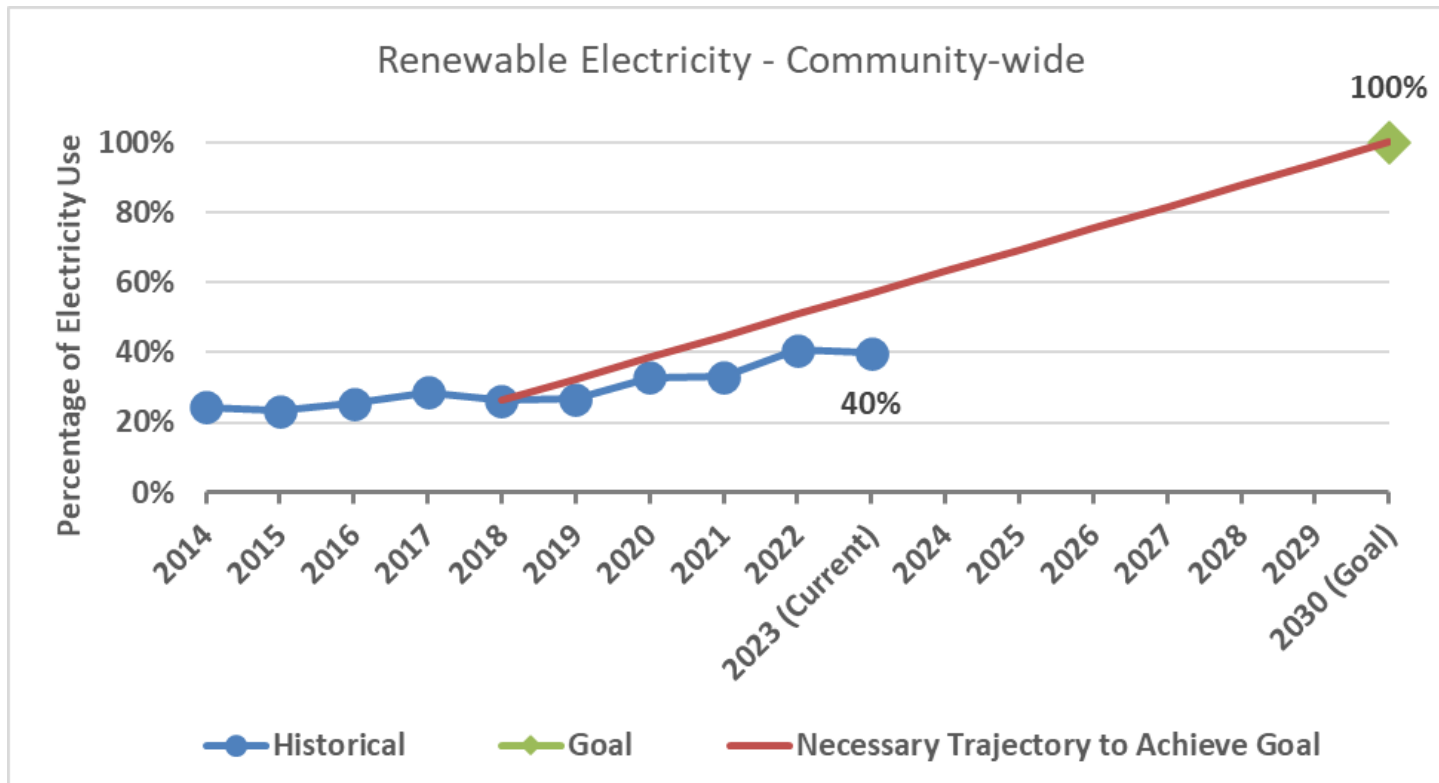
Renewable Electricity (Community-wide)

100% of renewable electricity use by 2030:

40% in 2023 and not on track

**Metric
5**

Score: RED





Metric		2019	2020	2021	2022	2023
5	Renewable Electricity (Community-wide)	26.7%	32.9%	33.1%	40.6%	39.9%

Supporting Data		2019	2020	2021	2022	2023
5a	Grid Mix Renewable Percentage	26.0%	31.8%	33.1%	40.9%	40.6%
5b	Adjusted Grid Mix Renewable Percentage	21.4%	25.3%	25.8%	33.3%	31.8%
5c	Community-wide Electricity Consumption (MWh)	3,712,477	3,510,358	3,738,454	3,646,285	3,625,027
5d	Local Actions (MWh)	198,248	264,516	272,915	267,751	295,301
5e	Grid Mix Carbon-Free Percentage	54.0%	61.6%	60.3%	68.6%	64.2%



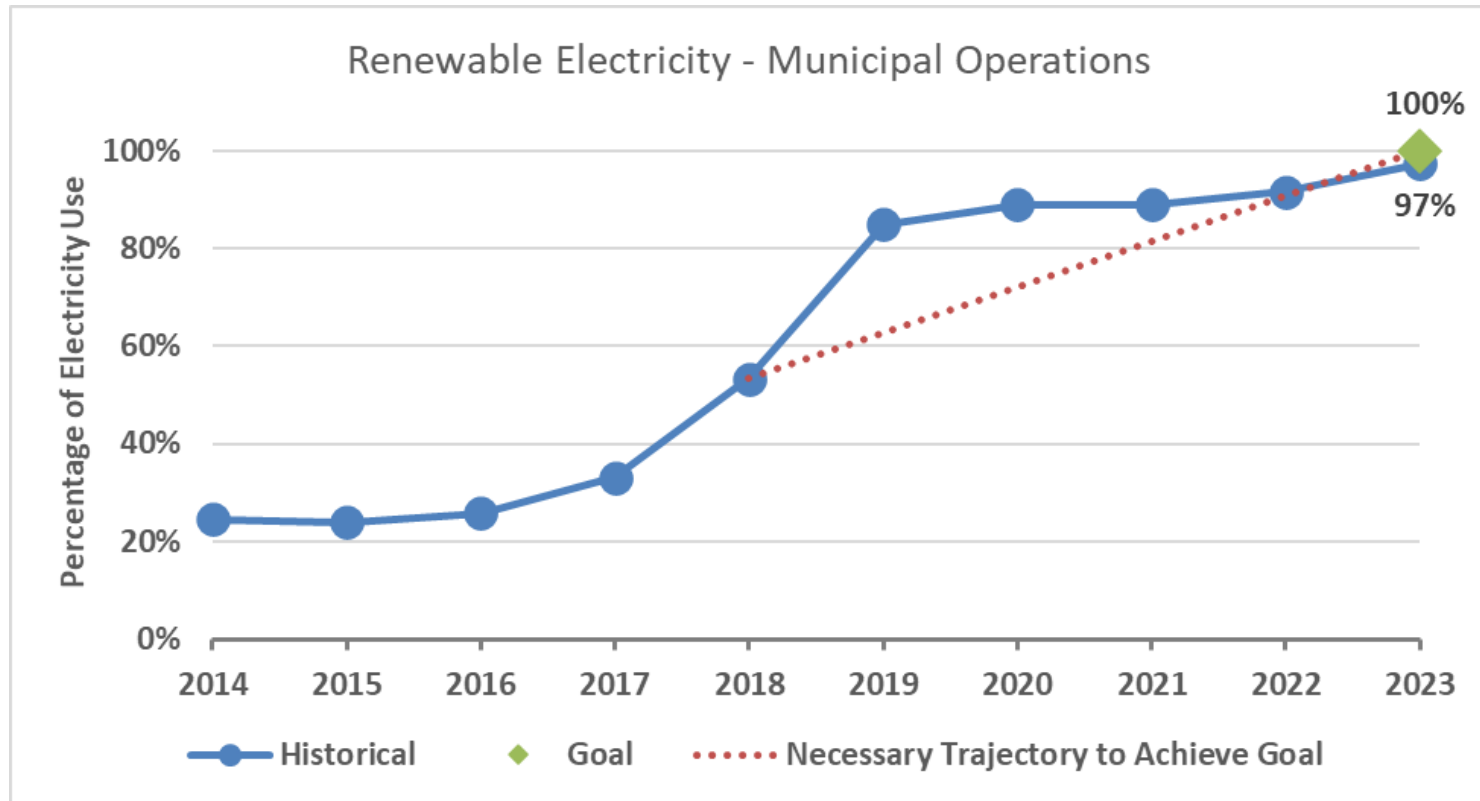
Renewable Electricity (Municipal Operations)

100% of renewable electricity use by 2023:

97% in 2023 and goal has been met

**Metric
6**

Score: GREEN





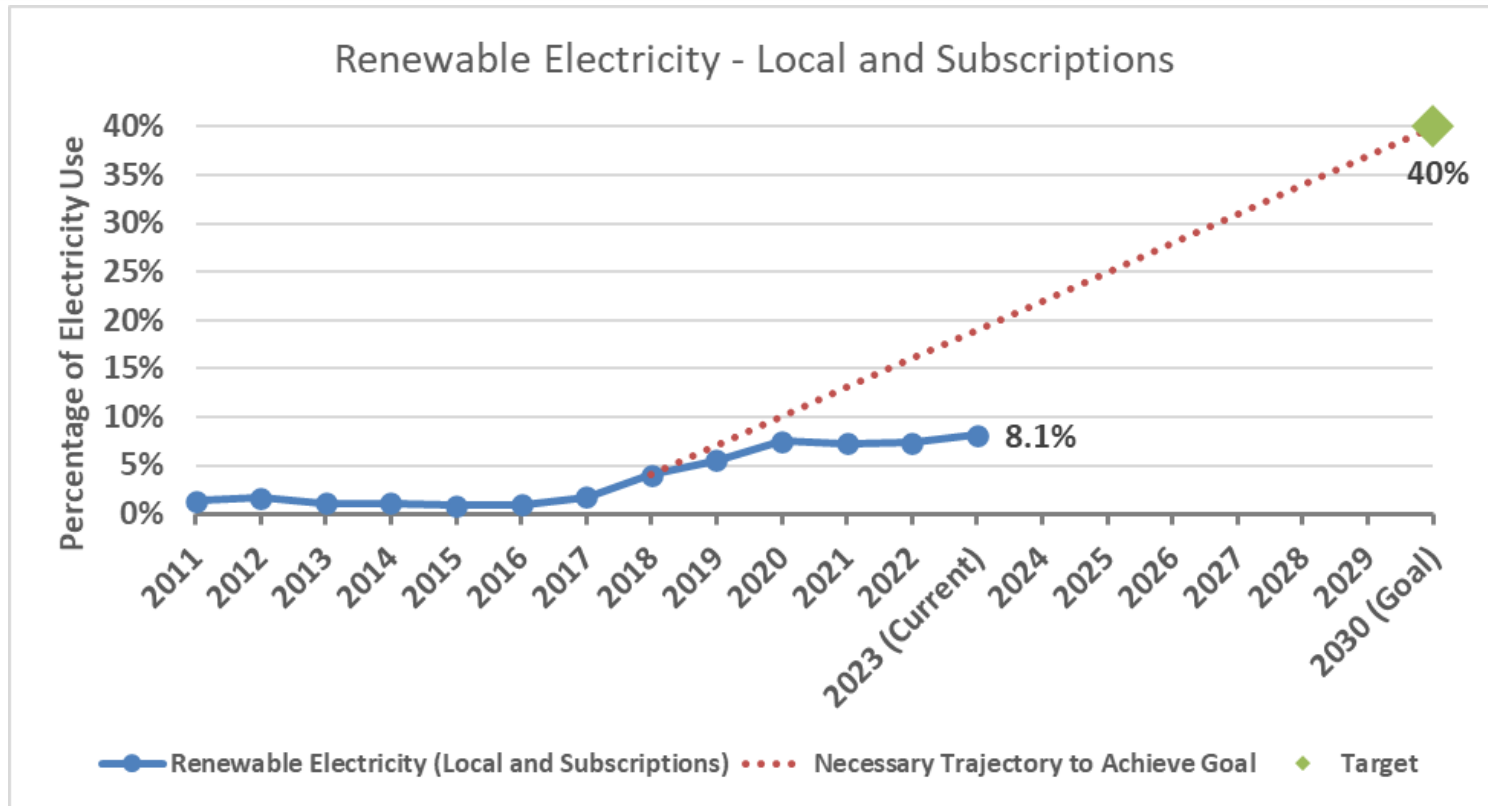
Renewable Electricity (Local and Subscriptions)

40% of renewable electricity use by 2024:

8.1% in 2023 and not on track

Metric
7

Score: RED





Partner Updates



Adjourn

Next Board Meeting
December 13, 2024