

Caltrain 2021 Sustainability Report Update

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Agenda

- Caltrain Sustainability Report Content
- Report Findings: Consistent, Steady Progress
- Conservation Gains
- Performance Data
- Next steps

Caltrain Sustainability Report Content

- 2021 report includes data from CY 2019 and CY 2020
- Report Topics
 - Greenhouse Gas (GHG)
 - Criteria Air Pollutants (CAPs)
 - Energy Use
 - Water Consumption
 - Waste and Diversion

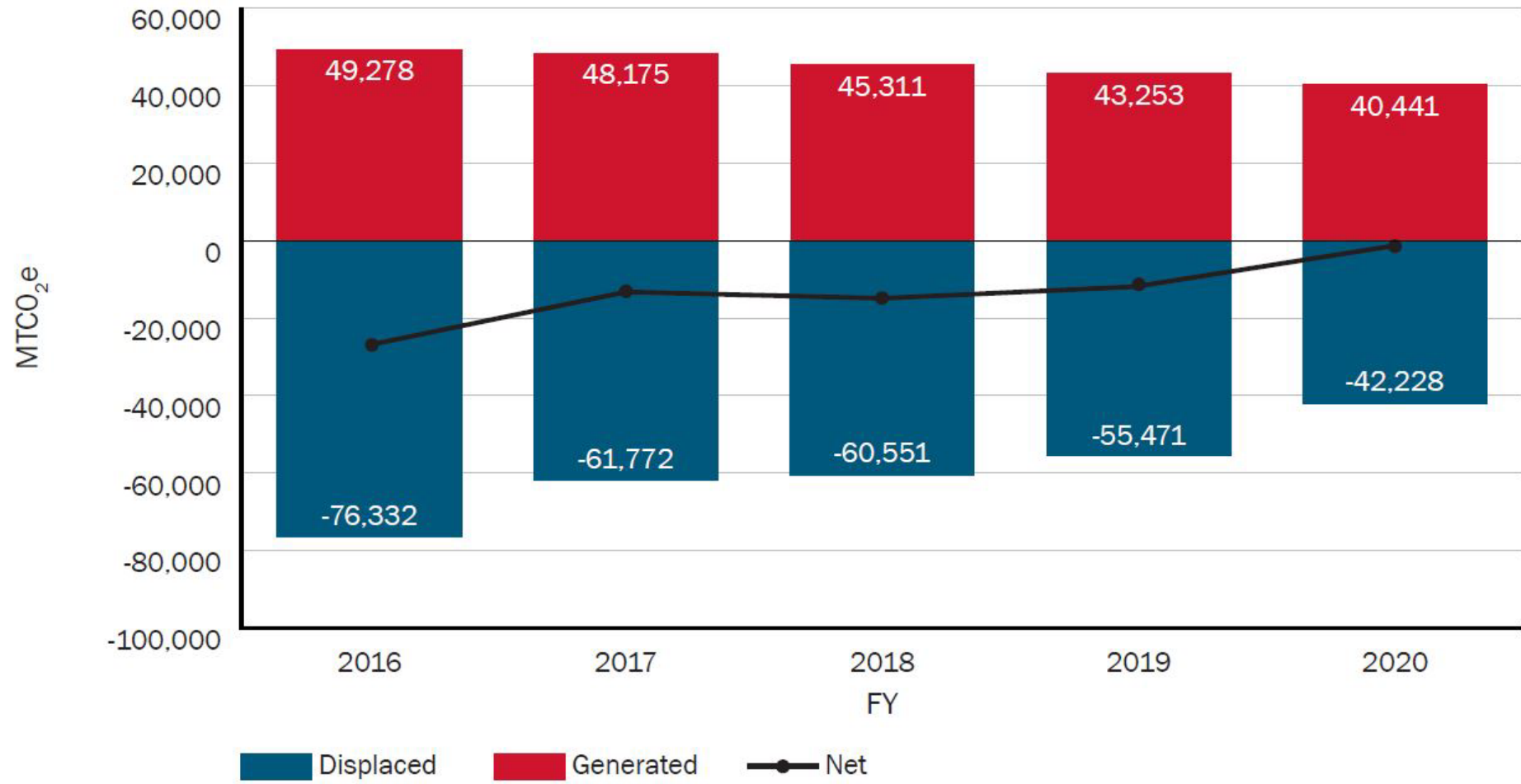
Report Findings

- Consistent Progress Despite Covid-19 Impacts on Per Rider Metrics
 - Caltrain measures environmental and performance efficiency per rider
 - Covid-19 suppressed ridership but modestly reduced resource use

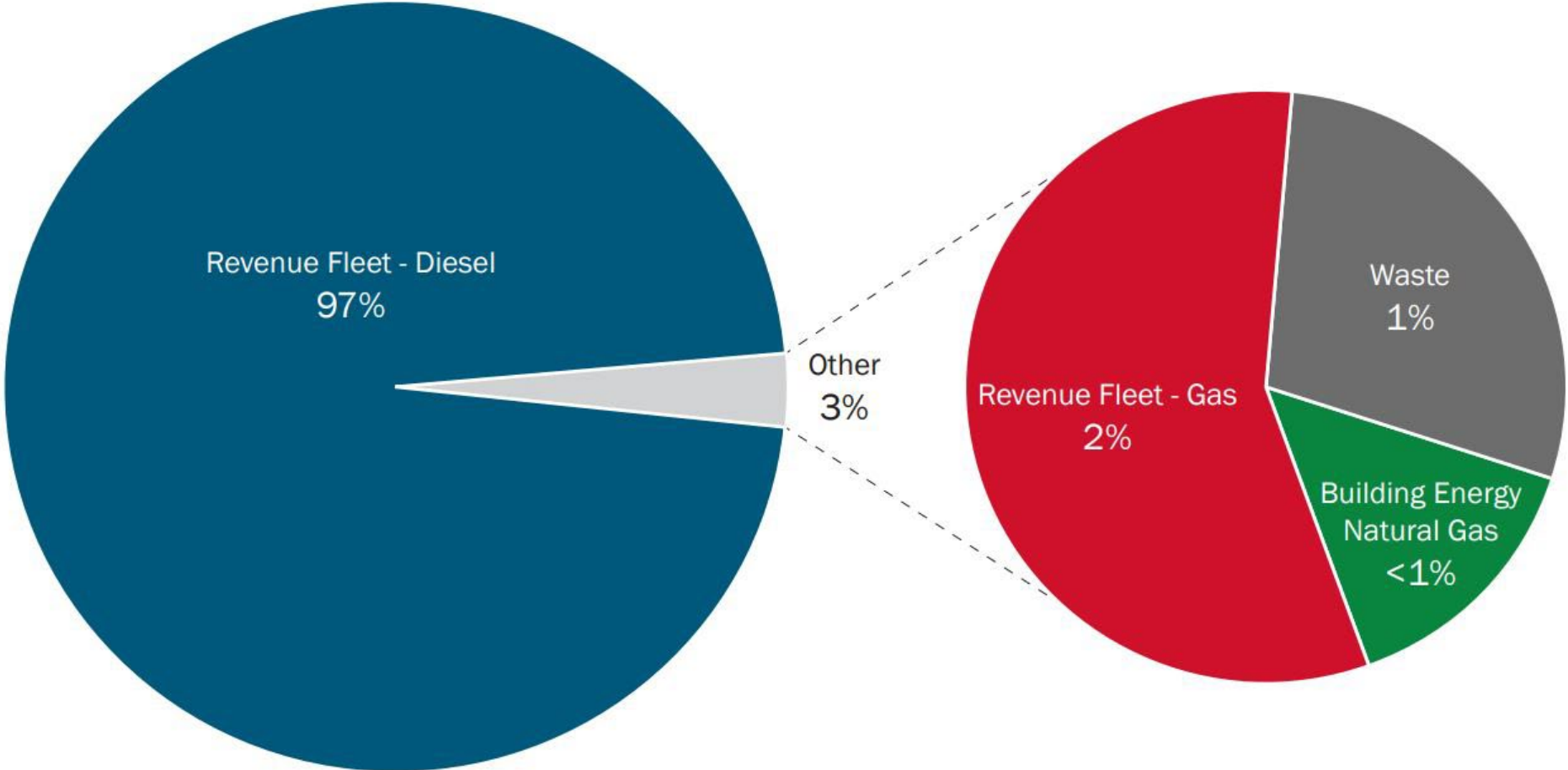
Conservation Gains

KPI	2018	2019	2020	% Change 2020 over 2018
GHG Emissions (MTCO ₂ e- Metric Tons Carbon Dioxide Equivalent)	45,311	43,253	40,411	- 11%
Criteria Air Pollutants (tons)	838	804	755	- 10%
Facility Energy Use (kBTU)	25,577,147	26,561,511	24,039,505	- 6%
Fleet Energy Use (kBTU)	597,873,380	572,972,737	538,286,568	- 10%
Water Consumption (gallons)	14,914,911	14,780,343	14,533,797	- 3%
Generated Waste (tons)	591	512	480	- 19%

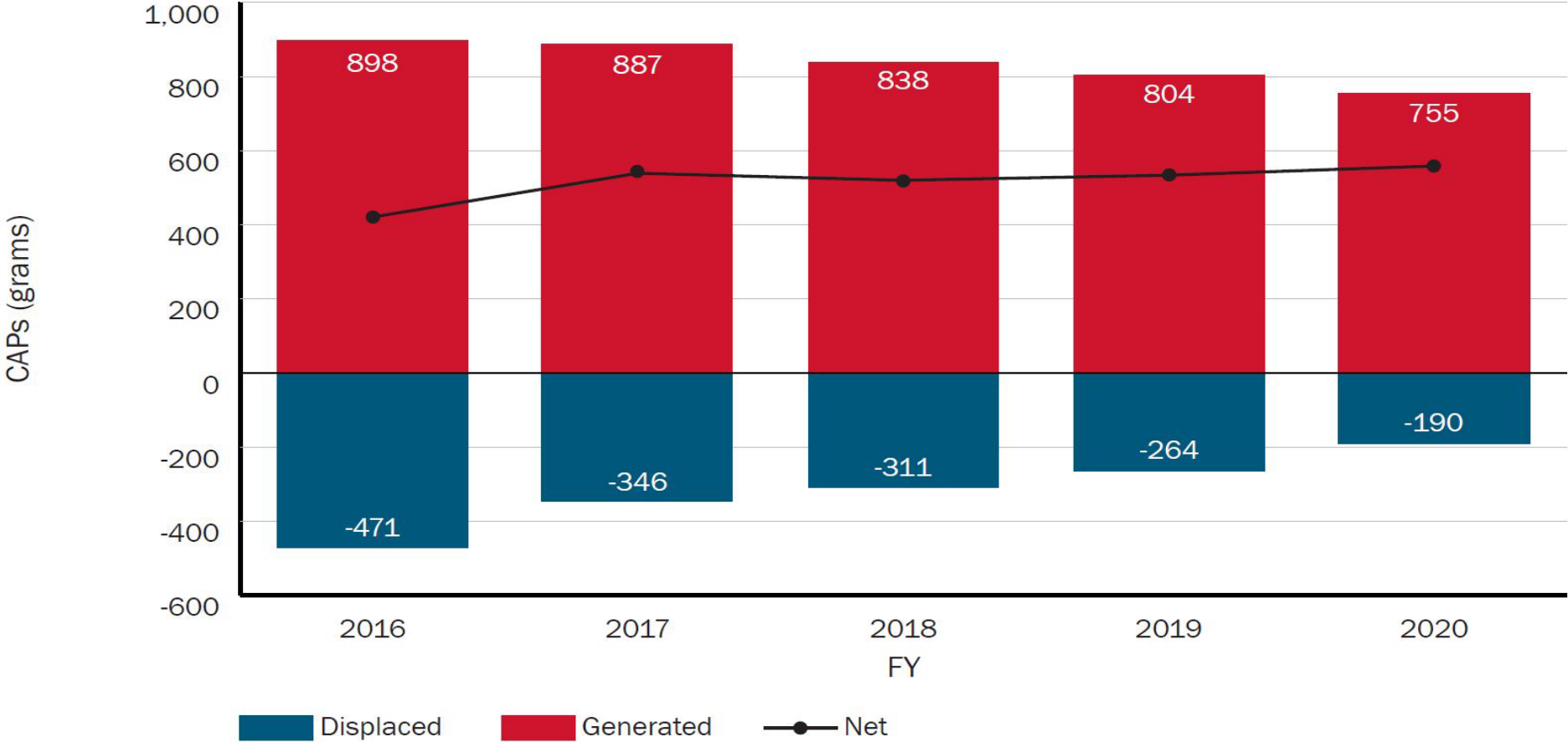
Greenhouse Gas (GHG) Performance



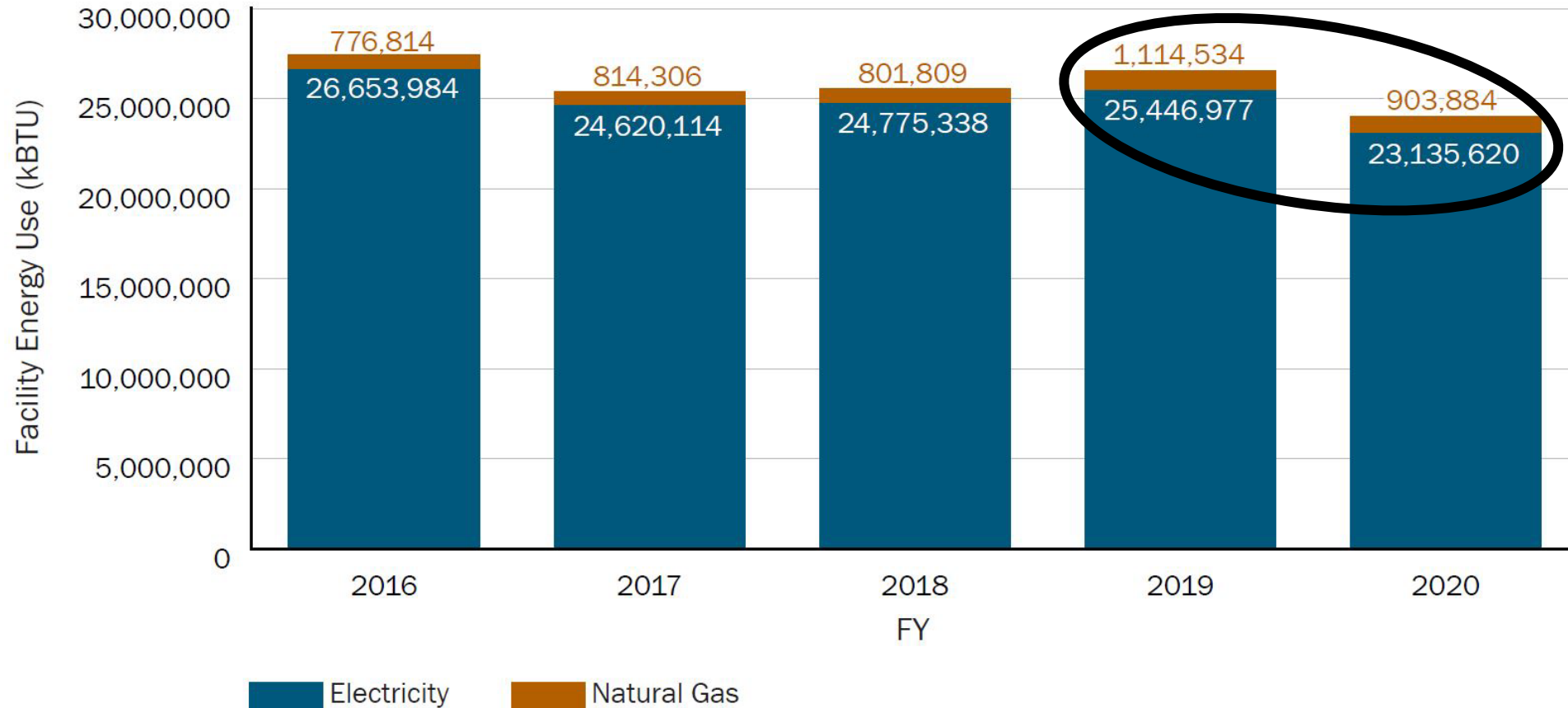
GHG Sources



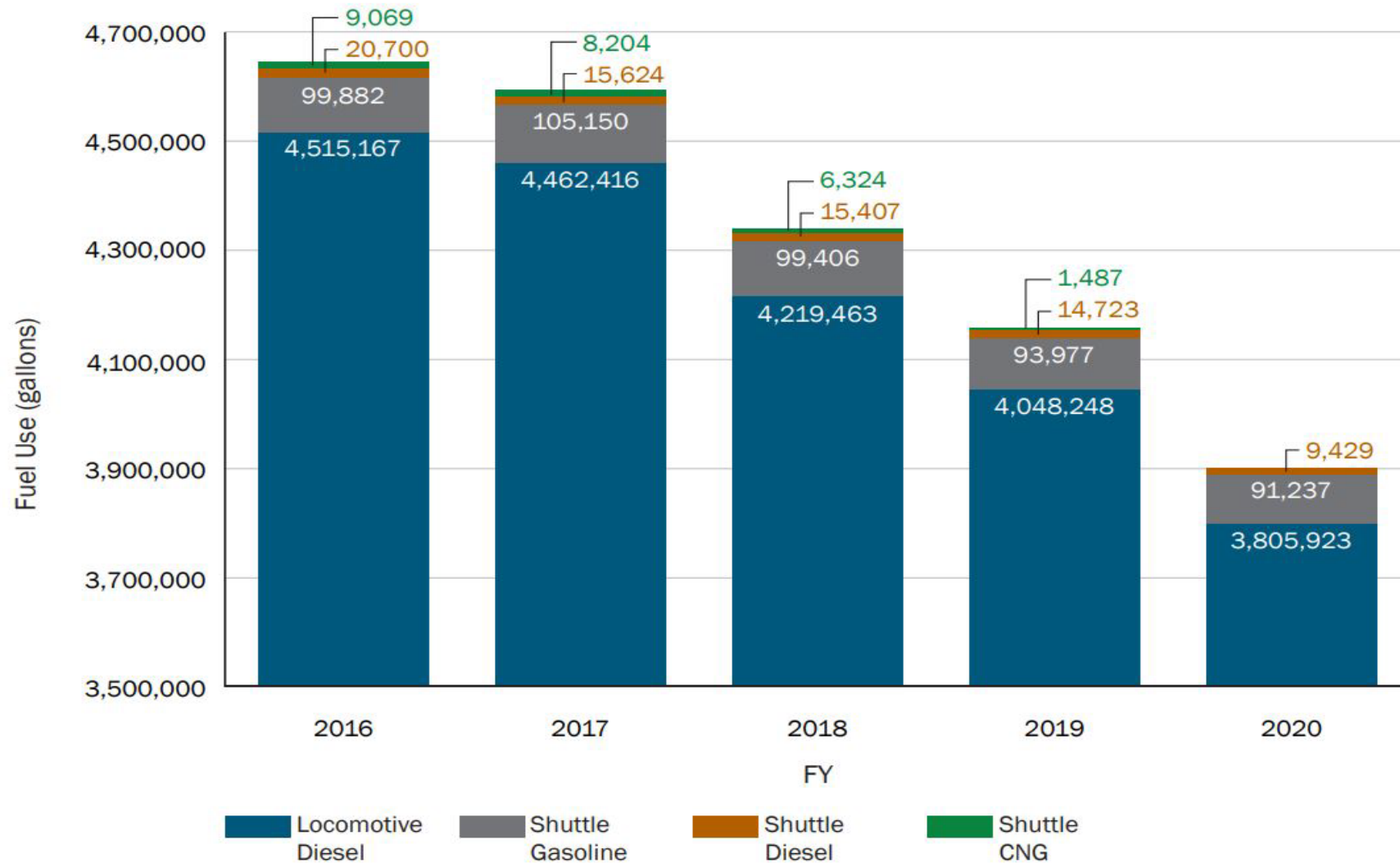
Criteria Air Pollutants (CAPs)



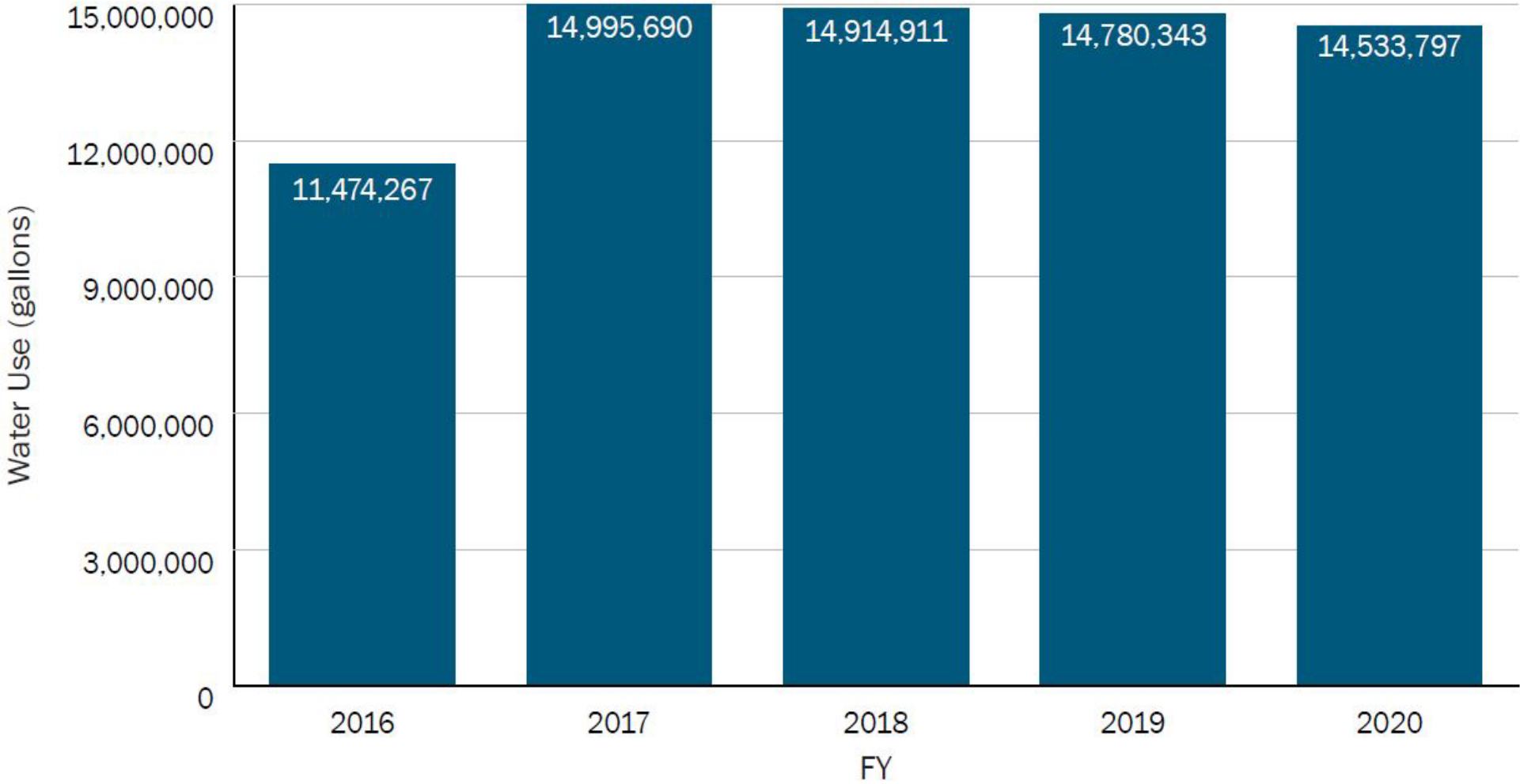
Facility Energy Use



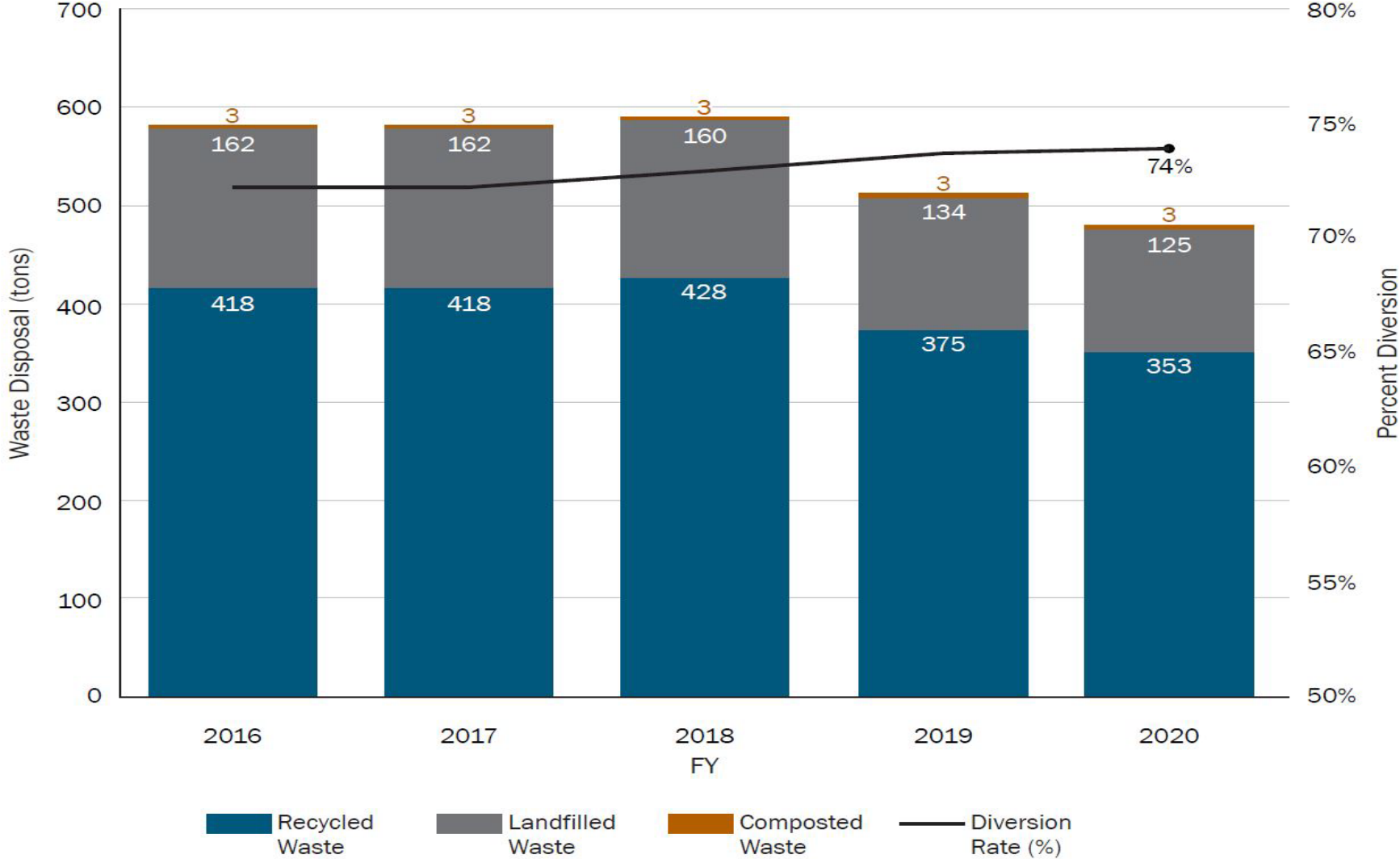
Fleet Energy Use



Water Consumption



Waste & Diversion



Next Steps

- Report posted to website
- Gap Analysis for Environmental Management System (EMS)
 - Compares current practices to ISO 14001 Standard

Thank you!

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FOR MORE INFORMATION

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