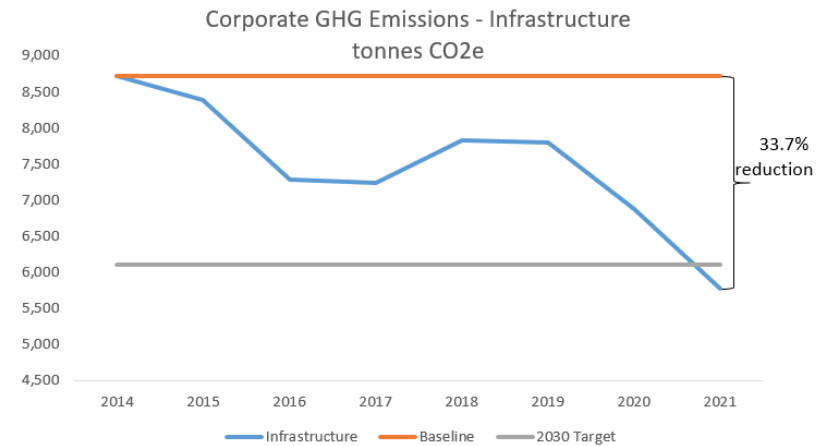
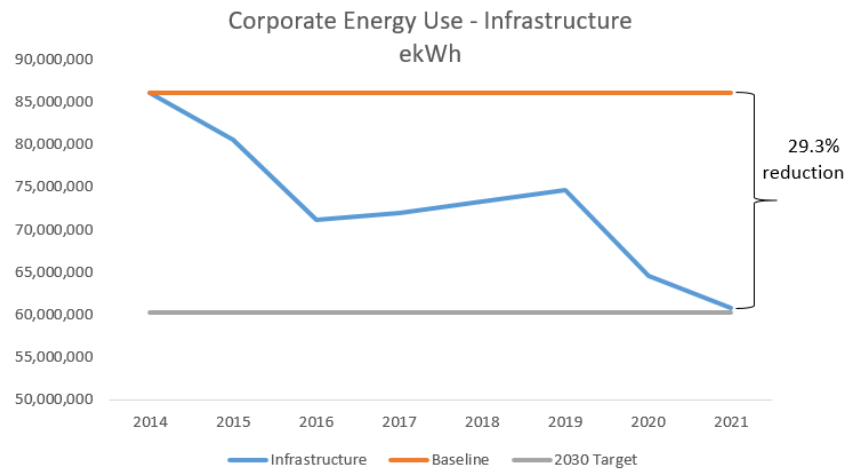


APPENDIX A – Breakdown of energy use and carbon emissions performance per type of operation

The following sections will provide a summary of energy and carbon emissions performance for each type of corporate activity at the Town: Facilities, Corporate Fleet and Transit Fleet.

Energy use and carbon emissions from facilities

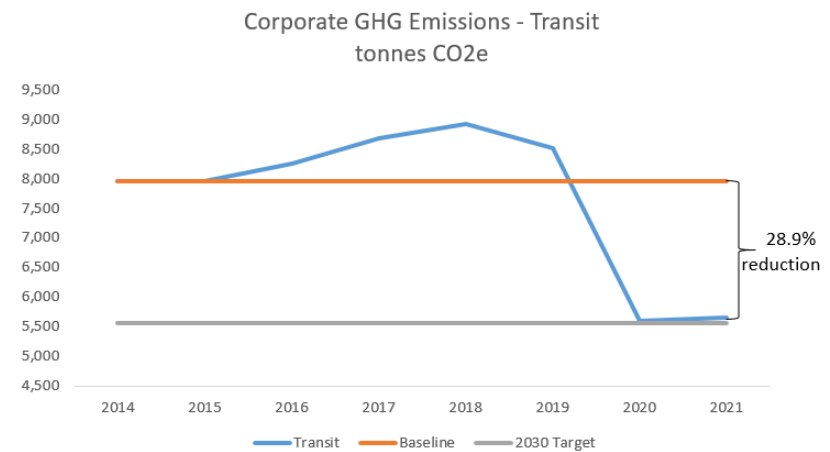
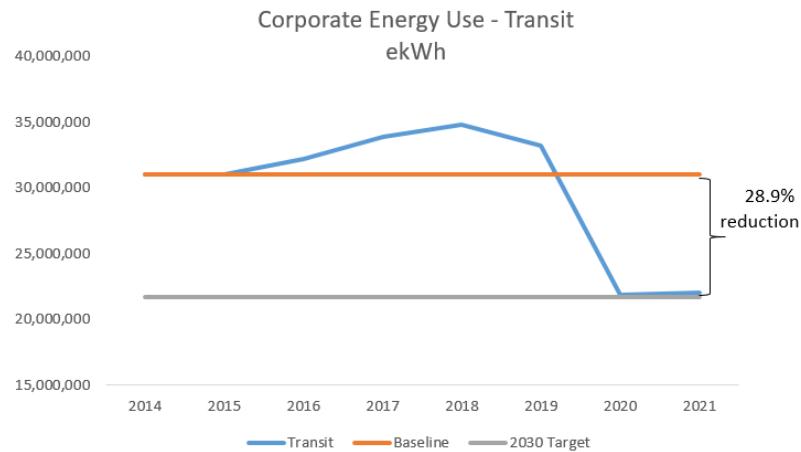


Energy use in corporate facilities has been going down since 2019. Several projects have been implemented at our facilities, including:

- Streetlight retrofit
- Lighting retrofits at several community centres, arenas and operations centres
- BAS upgrades to Town Hall
- Introduction of energy efficient equipment under the capital replacement program
- Retrocommissioning program at our largest facilities

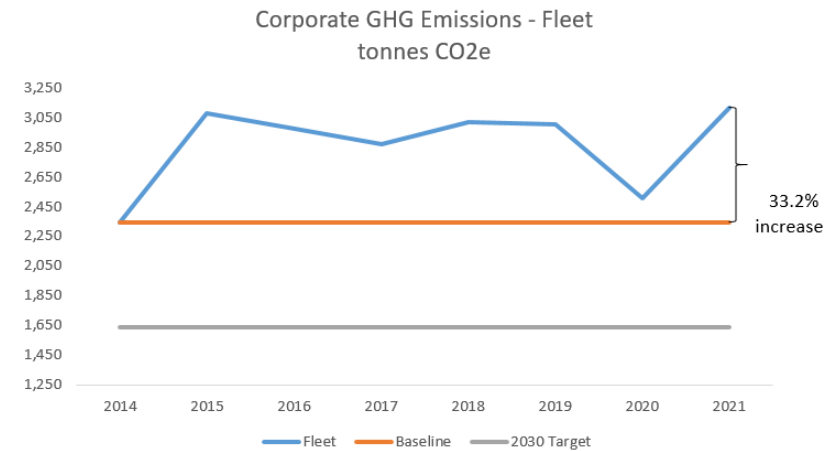
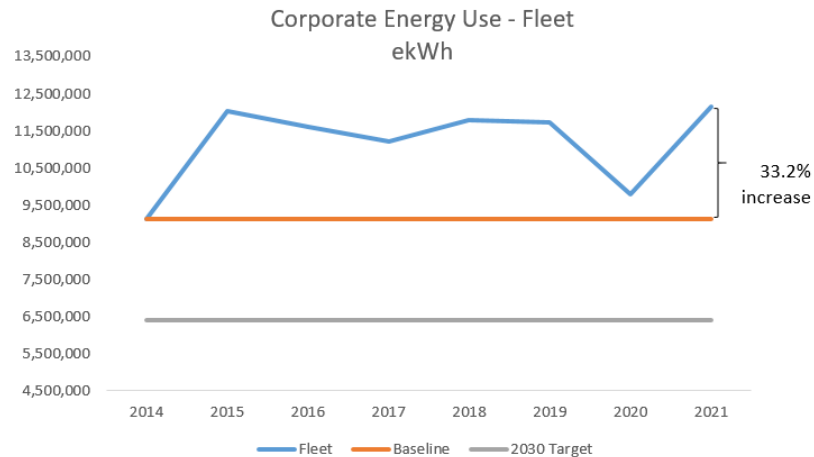
Overall, the Town has achieved a 29.3% reduction in energy use and 33.7% reduction in carbon emissions by 2021, putting us ahead our interim target of 30% reductions by 2030.

Energy use and carbon emissions from Transit fleet



Our Transit fleet has experience an increase in energy use and carbon emissions up to 2020, where due to the COVID-19 pandemic, transit services were modified to better serve the community. That being said, the team at Oakville Transit has been working hard for the past few years (and will continue to do so) with their strategy to electrify the bus fleet. Thanks to federal and provincial funding, the Town is ready to purchase its first set of electric buses with the intent to fully electrify the fleet by 2035. With a fully electric fleet, Oakville Transit would be cutting down its carbon emissions drastically. An accompanying energy services strategy will help ensure that any increase in electricity use is managed appropriately to ensure costs are not a hinderance to this program.

Energy use and carbon emissions from Corporate Fleet



This is the only category where energy use and carbon emissions have consistently grown over the past few years. More information will be gathered to understand what could be driving this increase. Several departments within the Town are working to develop the first Green Fleet Strategy, and looking at ways to move from gasoline/diesel to fully electric vehicles. Starting in 2022, the Building Inspectors will start transitioning to a fully electric fleet, which should have a great impact in our carbon emissions. The associated increase in energy use and cost should be tackled through renewable energy generation projects that can help reduce our requirements for electricity drawn from the grid.