

Carbon Reduction Plan

Supplier name: Executive Apartments, Incorporated

Publication date: 1st October 2022

Commitment to achieving Net Zero

Executive Apartments, Incorporated (EAI) is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

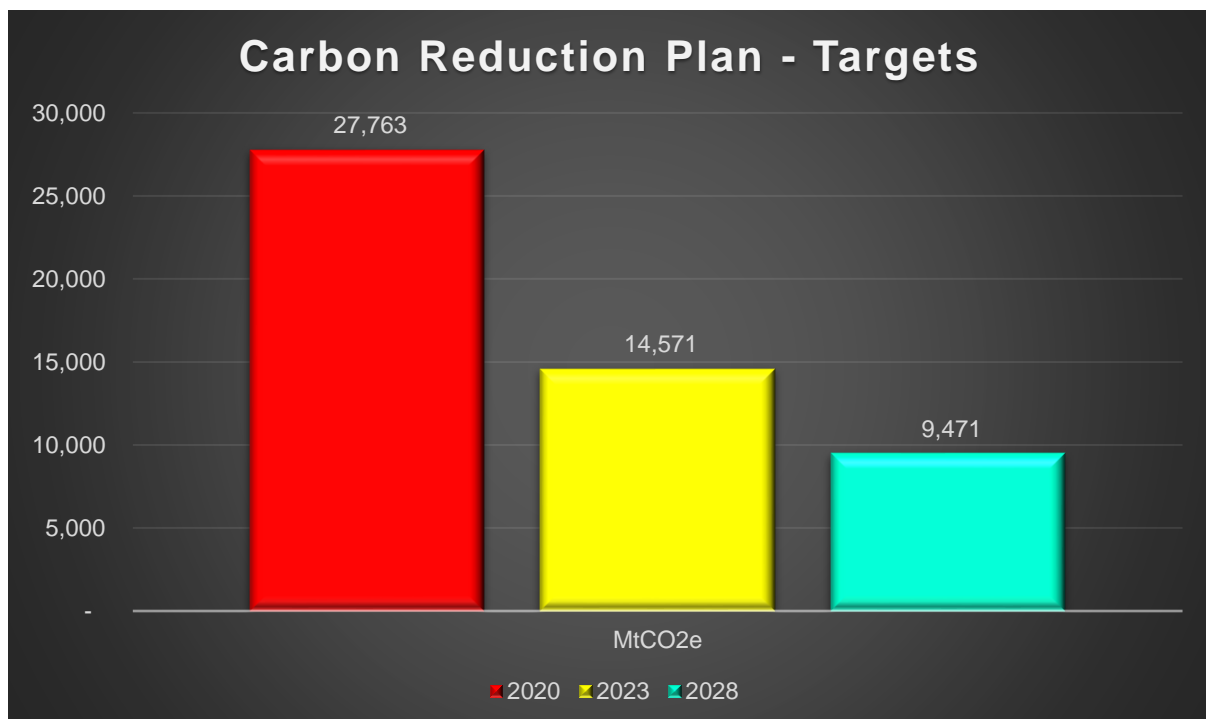
Baseline Year: 2020	
Additional Details relating to the Baseline Emissions calculations.	
<p>EAI has calculated its baseline carbon footprint using the Carbon Footprint Calculator provided by the US Environmental Protection Agency (EPA).</p> <p>Calculations are based on the following assumptions:</p> <ol style="list-style-type: none"> 1) EAI has 300 apartments in the DMV (DC / MD / VA) area. 2) Each apartment has one (1) car driving 12,000 miles per annum. 3) EAI uses a transport company to move furniture. Assumption is two (2) trucks complete 200,000 miles per annum. 	
Baseline year emissions:	
EMISSIONS	TOTAL (lbs / tCO₂e)
Scope 1 – Apartment Home Energy	Gas: 1,175,646 lbs / 2280 MtCO ₂ e Electricity: 3,271,430 lbs / 1853 MtCO ₂ e Total: 4,447,076 lbs / 2,196 MtCO ₂ e
Scope 2 – Cars (Residents)	Fuel: 51,566,400 lbs / 25,465 MtCO ₂ e
Scope 3 – Transportation (Movers)	Fuel: 206,629 lbs / 102 MtCO ₂ e
Total Emissions	56,220,105 lbs / 27,763 MtCO ₂ e

Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (lbs / tCO ₂ e)
Scope 1 – Apartment Home Energy	Gas: 940,517 lbs / 464 MtCO ₂ e Electricity: 3,2,617,144 lbs / 1,292 MtCO ₂ e Total: 4,3,557,661 lbs / 1,757MtCO ₂ e
Scope 2 – Cars (Residents)	Fuel: 25,783,200 lbs / 12,732 MtCO ₂ e
Scope 3 – Transportation (Movers)	Fuel: 165,303 lbs / 82 MtCO ₂ e
Total Emissions	29,506,164 lbs / 14,571 MtCO ₂ e

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we project that carbon emissions will decrease over the next five years to 19,179,007 lbs / 9,471 tCO₂e by 2028. This is a further reduction of 35%. Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to 29,506,164 lbs / 14,751 MtCO₂e, a 30% reduction against the 2020 baseline and the measures will be in effect when performing the contract:

- 1) Selection of apartments in more modern apartment communities which have significantly better carbon footprint through better insulation (e.g. triple glazing) and technical energy management systems.
- 2) Provision of collective transport / shuttle buses so that many guests travel on one bus rather than in multiple individual cars. The standard of the transport vehicles is also better as the transport company has upgraded its buses.
- 3) EAI removal company is in the process of upgrading its vehicle fleet.

Signature:



Name: Drew Weir

Position: CEO / Owner

Company: Executive Apartments, Incorporated

Date: 1st October 2022