



CARBON OFFSETS

FACTSHEET

Key Net Zero Strategy Targets:

- 50% reduction of 2017/18 emissions by 2025
- Net zero corporate emissions by 2023/24 by purchasing Carbon Offsets

Achievements to date to achieve our 50% reduction target by 2025:



SOLAR PANEL INSTALLATIONS

significantly reducing Council power use



100% RENEWABLE ELECTRICITY

since Jan 2023



LED LIGHTING PROGRAM

illuminating City streets (11,300+ streetlights upgraded)



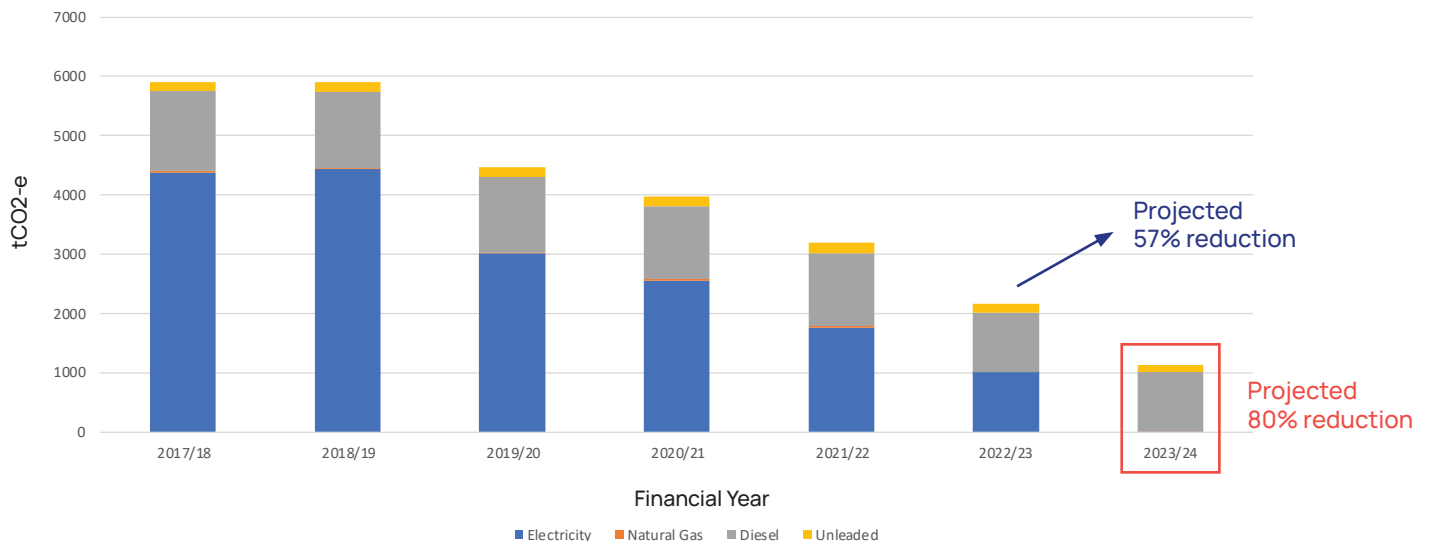
MOVING COUNCIL BUILDINGS OFF GAS



SIGNIFICANT FUEL REDUCTIONS

through uptake in hybrid vehicles, EV, electric small plant and improved efficiency in use of vehicles

Emissions Profile from 2017/2018 to Projected 2023/2024



How do offsets work?

- The carbon offset market is voluntary
- Eligible offset project declared by Clean Energy Regulator under the Carbon Credits (Carbon Farming Initiative) Act 2011
- Are trees offsets? Can we use our Tree Canopy Improvement Strategy to reduce CO₂ rather than buying offsets? **No, as it isn't an eligible offset project**
- Are solar panels offsets? **No, as we now purchase 100% renewable electricity.**
- Charles Sturt is working collaboratively with a number of regional and metropolitan councils in a carbon offset research collaboration to investigate developing offset projects within our sector and how these may benefit our future emissions and / or offset purchase



Our Offset Considerations and Options

If we purchase offsets now in line with our public Net Zero commitment and strategy (developed and endorsed in 2020), we will have Net Zero corporate emissions by 2023/24

- We will offset approx. 5,500 tCO₂-e
- It will cost approx. \$160,000
- It will be based on 2020/21 emissions profile (includes electricity)

If we wait for 2024/25 to purchase offsets once all our initiatives have had their full impact on our emissions profile, we will achieve Net Zero corporate emissions by 2024/25

- We will offset approx. 1,200 tCO₂-e
- It will cost approx. \$55,000- \$75,000 (ACCUs)
- Our emissions profile would exclude electricity

Due to the significant work and achievement since 2020, in 2024/25 our Carbon Offsets will only need to offset diesel, petrol and a very small amount of gas and refrigerants.