

Electric Fleet Transition Plan

Purpose:

To explain a proposal to transition councils fleet to electric vehicles.

Background

- Declared a climate emergency
October 2019
- Made pledges and commitments
to act on climate change October
2020

Pledges (abbreviated)

1. Purchase 100% of Council's energy from renewable sources
2. Change all streetlights to energy efficient technology
3. Transition Council's fleet being fully renewables powered
4. Reduce waste to landfill
5. Adopt sustainable procurement policies

What we've heard from you....

1. Innovate
2. Accelerate
3. Leadership

Community Outcomes

1. Carbon emissions reduction
2. Lower fuel costs and improve fuel security
3. Lead by example for community

What we've heard from industry and gov....

- SAPN – supporting cheap overnight charging and charging infrastructure
- Clean Energy Council – empower communities
- State EV Plan includes support for EV fleets
- ARENA Federal funding for infrastructure & heavy fleet
- SA Labor EV subsidy
- Federal Labor FBT election promise (**TBD**)

Proposed Stages of Transition

- Stage 1 – Complete – Pool Vehicles for Civic and Depot
- Stage 2 – Proposed – Electric Vehicle Fleet Trial
- Stage 3 – Proposed – Remaining Light Vehicle Fleet
- Stage 4 – Proposed – Heavy Vehicle Fleet Transition

Stage 2 – Electric Vehicle Fleet Trial

- Cross-sectional trial will include 6 vehicles (in addition to current 4)
- Will include:
 - Policy updates
 - Change management process for staff
 - Alternative private vehicle ownership models
 - Charging infrastructure plan

Stage 2 – 3yr Ownership Cost Estimate

- Private vehicles: \$4,000 additional operating cost
- Pool vehicles: \$1,600 additional operating cost
- Total stage 2 trial cost, \$83,000 additional capital, \$23,500 operating.
- Estimated 0.03% rate rise required

Why a 3yr ownership model?

- This is a conservative estimate.
- Price parity (ICE vs. EV) is market driven and uncertain.
- Residual values are unknown beyond this.

Next Steps...

- Decision report 26 April 2022
 - Timing options provided in report

Questions

- Do you have any questions?
- Do you need any additional information to inform a decision for next week?