



WAVERLEY  
COUNCIL

# Electric Vehicle Transportation Policy

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| Policy owner                           | Executive Manager, Environmental Sustainability   |
| Approved by                            | Council   |
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| Commencement date                      | 15 February 2022  |
| TRIM reference                         | A11/0853  |
| Next revision date                     | February 2027   |
| Relevant legislation/codes             |   |
| Related policies/procedures/guidelines | A National Strategy for Electric Vehicles (2019)<br>NSW Electric and Hybrid Vehicle Plan<br>Waverley Council People, Movement and Places<br>Waverley Council Environmental Action Plan 2018-2030<br>Waverley Council Fleet Policy |
| Related forms                          |   |

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## 1. Background

The transport sector in the Waverley local government area (LGA) is the second largest contributor to greenhouse gas emissions, making up approximately 20% of community emissions. This is due to the emissions produced from combustion of fossil fuels in petrol, diesel and gas vehicles. A key opportunity to reduce community greenhouse gas emissions, is the transition of transport vehicles from using fossil fuels to electricity from a renewable source. Electric vehicles (EV) and other electric transport modes provide a pathway to decarbonise the transport sector when the electricity comes from a renewable resource. In addition to this, EVs assist in reducing local noise and air pollution.

## 2. Purpose

To support the uptake of electric vehicles in the Waverley LGA to hasten the transition from internal combustion engine (ICE) vehicles to EVs. The policy affirms Council's commitment to support the use and uptake of electric vehicles, understanding that their use will require some changes to local infrastructure and parking.

## 3. Scope

This policy applies to Council programs, services and activities related to the delivery and support of electric transportation and parking in the Waverley LGA where related to electric transport vehicles including cars, buses, trucks, light commercial and other on road vehicles as well as other smaller personal vehicles such as e-bikes and scooters.

Note: while this policy may support Council's own vehicular fleet, fleet electrification is addressed by Council's Fleet Policy

## 4. Policy Content

### Greenhouse gas emissions

- 4.1. Where electric vehicle charging is provided by Council, this electricity should be from a renewable source (such as solar or wind power). This will help to maximise the environmental benefits of the transition to electric vehicles.

### Electric vehicle charging

- 4.2. A key component of this policy is to guide the creation of a network of electric vehicle charging points in the Waverley LGA so that charging is available for residents, visitors and businesses. This policy outlines that:
  - (a) Council actively supports the provision of a comprehensive network of electric vehicle charging stations on street and at car parks that they manage.
  - (b) Council is guided by the following principles when installing or supporting the installation of EV charging points on street and at car parks that they manage:

| Principles   | Details   |
|--|---|
| Locations prioritised appropriately                      | That EV charge points be prioritised in locations where current demand is higher where future demand is assessed as being high. For residential areas, locations where residents do not have off-street parking should be prioritised. Although these areas can be more congested, EV charging stations will become essential to allow residents to operate EVs.  |
| Appropriate EV charging is provided                      | A mix of slow, medium and fast chargers should be available catering for the range of demand, such as residents charging, visitor charging or charging for car share vehicles or commercial vehicles (e.g. taxis). Medium and fast chargers shall be prioritised in areas with high parking demand and/or where short stay parking occurs, while slow to medium chargers shall be prioritised where longer stay parking occurs such as in residential areas or for overnight use. |
| Streetscape impact is minimised                          | The installation of chargers should have a minimal impact on the streetscape and be integrated with the location and with other street furniture where possible   |
| EV charging locations are actively promoted with signage | Signage be installed on EV charging spaces to give electric vehicle owners priority in accordance with NSW Government guidelines.   |
| Collaboration  | Council will cooperate with other agencies, local governments and stakeholders, such as car share businesses, where this accelerates the installation of EV chargers.   |
| Costs  | Council will recoup the costs of electricity for charging, but full cost recovery that includes the cost to construct a charge point is not required in the short term due to the need to actively support the uptake of EVs.   |

### Off-street charging and development controls

- 4.3. Development controls should be implemented that ensure that EV charging can occur at residential properties in Waverley and also commercial properties.
- 4.4. That Council maintains and continually updates development controls in the Waverley Development Control Plan to ensure that new buildings facilitate the provision of on-site electric vehicle charging.
- 4.5. Council programs support existing buildings to retrofit charging infrastructure where possible.

### Education and engagement

- 4.6. Council supports the community to transition to electric vehicles and electric transportation modes through education and engagement.

**E-bikes and other approved electric micro-mobility devices**

4.7. Council supports the uptake and use of electric vehicle transportation such as e-bikes.

**Trucks, buses and commercial vehicles**

4.8. Council supports the electrification of these vehicles where possible, recognising the benefit to our streets from decreased air and noise pollution.

**5. Review of Policy**

This policy should be reviewed in five years.

**6. Definitions**

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| <b>Term</b>                            | <b>Definition</b>   |
|--|---|
| <i>Electric vehicle (EV)</i>           | Passenger vehicle, Light commercial vehicle, Truck and Bus that are primarily powered by an electric motor and are able to be plugged in to a power source to recharge. |
| <i>Electric vehicle transportation</i> | Electric vehicle transportation may include electric bikes and other approved electric micro-mobility devices (e.g. electric scooters)                                  |

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