



COMCAR overview

COMCAR provides car-with-driver transport services for parliamentarians, the Governor-General, the federal judiciary and international guests of Government.

COMCAR also facilitates delivery of car-with-driver and associated ground transport services for major events such as the G20, State funerals and the Commonwealth Games.

COMCAR maintains a fleet of cars in all capital cities. The current fleet is a mix of Toyota Camry Hybrid sedans and BMW 6 series GT sedans.

COMCAR complies with the [Australian Government Fleet Vehicle Selection Policy](#) and leases vehicles through the Whole of Government fleet manager [sgfleet](#).

The average monthly distance travelled by the fleet is 134,607km.

In 2019-20 the fleet performed over 45,000 reservations, with 99.72% completed without service failure.

Electric Vehicle Trial

COMCAR has commenced a two-year trial to assess the viability of electric vehicles (EVs) and associated infrastructure in future COMCAR fleets.

COMCAR has leased two EVs - the Hyundai Ioniq and Tesla Model 3.

The trial will focus on infrastructure requirements of EV fleets and associated operational requirements for COMCAR's service delivery model.

The trial will operate in Canberra, Sydney and Melbourne over two-years to assess infrastructure and operational capability in each city.

The trial will involve both off-road assessments on a closed circuit track and on-road assessments in business as usual service delivery to clients.

Noting current charging capabilities of EVs, the trial will consider how to best operate an EV fleet to ensure there is minimal disruption to clients due to charging requirements.

The Department of Finance will work with the Department of Industry, Science, Energy and Resources (DISER), CSIRO and other entities to share information and improve understanding of charging infrastructure and technologies.

Vehicle selection process

The two vehicles selected for inclusion in the trial complied with the [Australian Government Fleet Vehicle Selection Policy](#).

The current Policy states that agencies must ensure the vehicle:

- a) has a five star Australasian New Car Assessment Program (ANCAP) safety rating
- b) meets the minimum fit for purpose requirements
- c) provides value for money
- d) addresses environmental considerations.

Trial vehicles



	Hyundai Ioniq Electric	Tesla Model 3 Long Range
Engine	Electric	Electric
ANCAP safety rating	5 star	5 star
Wheelbase	Liftback – 2,700mm	Sedan - 2,875mm
Drivetrain	Front wheel drive	Rear wheel drive
Range	311km	657km
80% range	248km	525km
Cargo	453L	425L
Battery capacity	38.3kWh	75kWh
On-board charger (AC)	7.2kW	11.5kW
Max charging (DC)	75kW	250kW
Engine torque	296Nm	430Nm
Charging		
DC - rapid 50kW 0-80%	40 mins	1 hour
DC - rapid 100kW 0-80%	N/A	30 mins
DC - Tesla Supercharger 0-80%	N/A	20mins
AC – fast 22kW 0-100%	5.5 hours	5.5 hours
AC – fast 7kW 0-100%	5.5 hours	8.5 hours
Plug - slow 3kW 0-100%	13 hours	20 hours