



Commercial Charging Solutions for Councils and Government

THE IMPORTANCE OF SUPPORTING THE ADOPTION OF EVS

Why councils are choosing to electrify

It is crucial for governments and councils to support the adoption of electric vehicles (EVs) as they represent a cleaner and greener future.

As major car manufacturers have announced plans to phase out the production of diesel and petrol cars in the coming years, and EVs continue to grow in Australia, councils can showcase their commitment to sustainability by introducing EVs into their fleets and supporting the local residents in their adoption of EVs.

By collaborating with EVSE Australia, councils can invest in their community by providing world-leading smart charging technology and promoting sustainability goals at all levels of government.

In addition, transitioning fleets to more cost-effective EVs and using local and state government-owned carparks for public charging can create additional revenue.

Our Key Partners

Our products have been installed and operated for Councils and Governments across Australia such as:

New South Wales



Queensland



Victoria



South Australia



Western Australia





EVSE Turnkey Charging Services



Consulting



Installation



Maintenance



Partner Services



Support

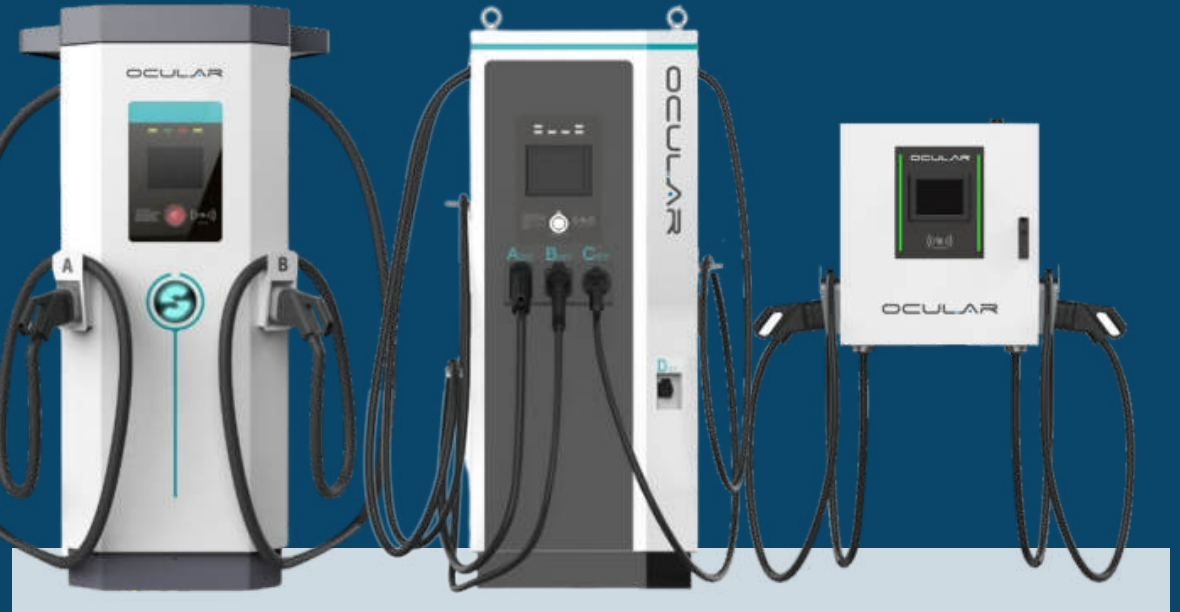
Hardware Range

EVSE supplies a wide range of AC and DC charging stations to ensure the perfect solutions for every site and charging network.

AC Range



DC Range

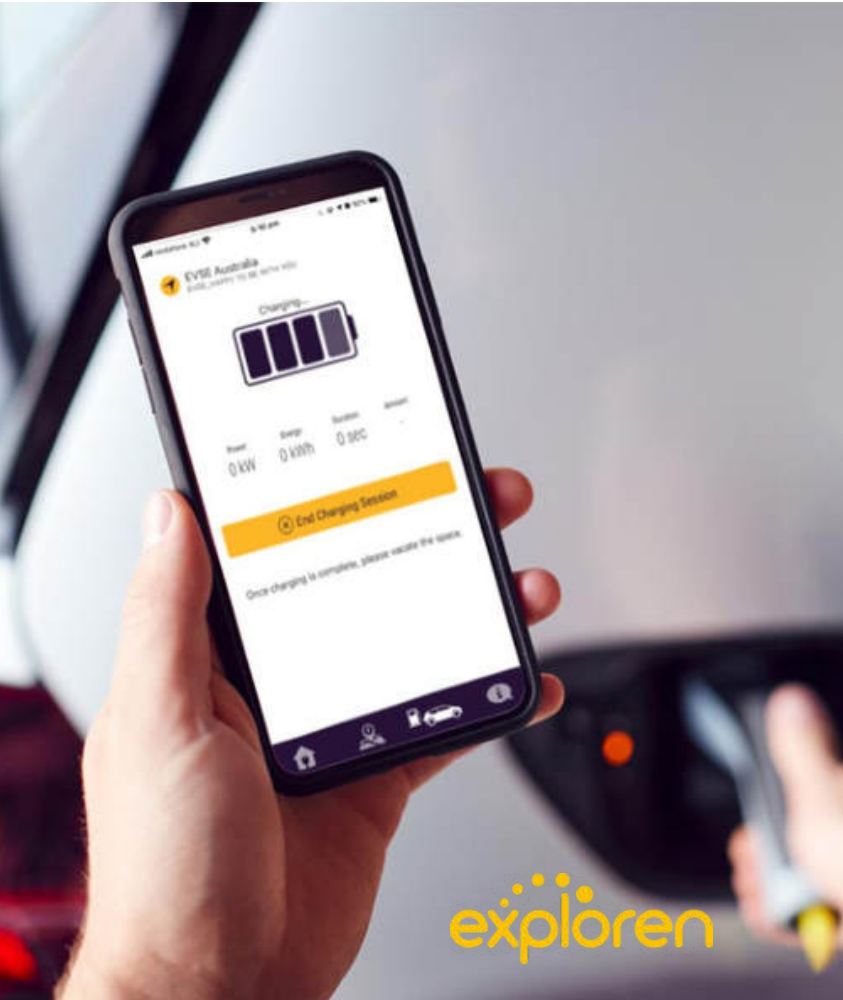


Charging Management Software

Exploren's smart charging software allows you to monitor, monitor and manage your charging system. Giving you the power to unlock your charging potential and get the most out of your intelligent charging infrastructure, while optimising your drivers' charging experience.

Key Features:

- Energy Usage Measurement
- Billing and revenue generation
- OCPP 1.6J & RESTful API enabled
- Dynamic Load Management.
- Multi Tier User Access
- Smart Phone App
- Carbon Abatement Recording
- Smart Grid Ready (VPP, V2G , smart charging)



Billing Systems

Flexible options for EV charging stations

You will have complete flexibility over billing rate and can change at any time or even set different rates for different times of day.

1. Free charging

Allow anyone with access to your charger to charge free of cost

2. Lower-rate billing

Set a low billing rate to cover minimum electricity costs

3. Higher-rate billing

Set a higher billing rate to cover costs and generate revenue to achieve ROI

How to bill users:



Driver Paid on App

A QR code will be placed on the front of the charger, users will scan and charge on the app - best for public use

or



Driver Paid with RDIF card

A QR code will be placed on the front of the charger, users will scan and charge on the app

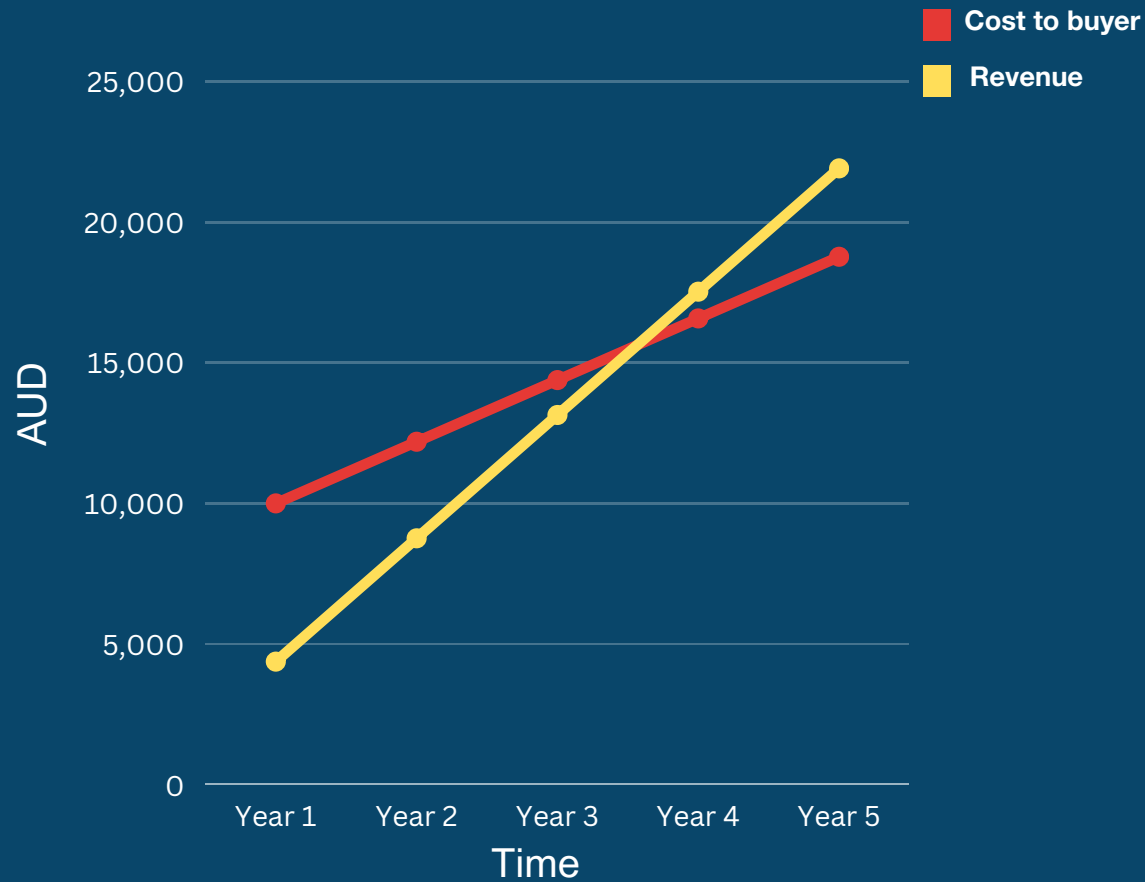
Charger Revenue

An example of how councils and governments can recoup their investment by implementing billing.

\$10,000 initial hardware investment

Average yearly revenue of \$4,380 (\$12/day)

Annual energy cost of chargers \$2,190





22% return per annum*

Pay off initial investment and start generating profit.

*Please note individual experience and situation may vary.

Reach Sustainability Goals

Real examples of Councils in Australia

Council	No. Charging Points	Total kWh (Jan-April 2023)	CO ₂ emissions saving (4 months)
 CANTERBURY BANKSTOWN	31	4,020,994	725.79 tonnes
 THE HILLS Sydney's Garden Shire	6	245, 585	59.10 tonnes

*Please note individual experience and situation may vary.

The Installation Process

EVSE Australia has a nation-wide network of certified electricians, experienced in installing EV chargers conform to all regulations.

We offer fixed price installation service with quality and safety guarantee.



We offer flexibility - you may use your own electrician network for EV chargers installation.



More in [EVSE Charger Installation Guide](#)

Branding & Wrapping



EVSE Australia provides the opportunity for councils and governments to customise the appearance of their EV chargers.

This allows the charging equipment to blend seamlessly with the surrounding aesthetic, resulting in a cohesive and polished presentation.

The branding and wrapping service for EV chargers is highly beneficial for local, state and federal governments as it helps to create a visually striking impact, strengthens their brand identity, and generates a positive perception of sustainability.

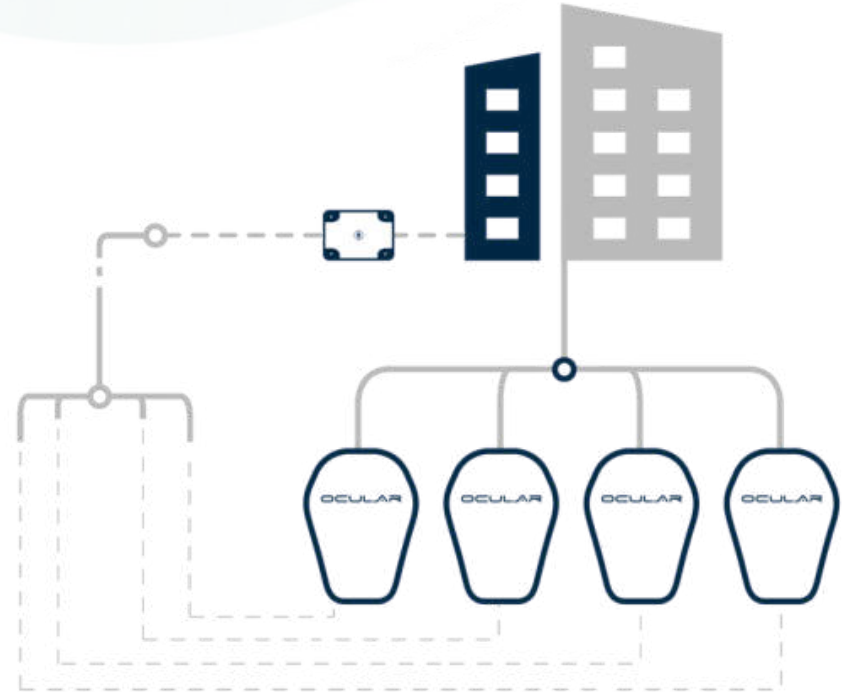
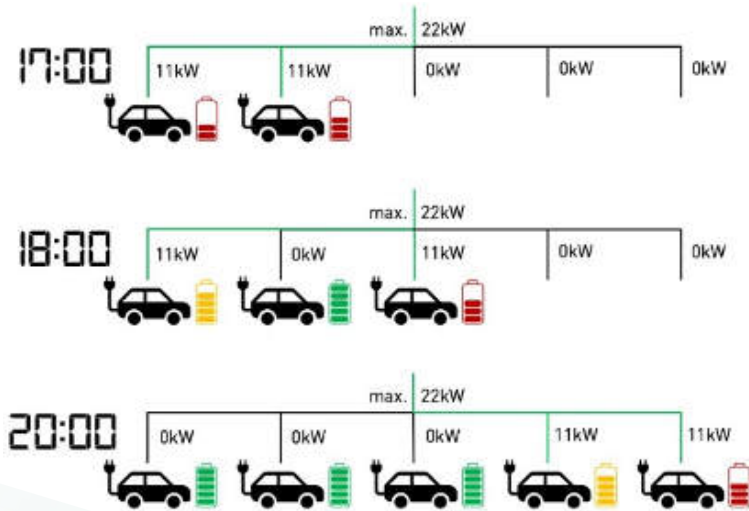


Load Management for Scale

Why it is important for your commercial charger installation?

It is a critical feature to control and monitor the amount of power used for charging electric vehicles (EVs). Intelligent EV chargers can be controlled via software or a cloud database, ensuring that the charging system does not exceed the power supply from the grid.

This is essential for commercial properties, where a stable electrical power supply is mandatory.



Load Management protects the building's electrical infrastructure, eliminates the risk of overloading, ensures efficient operation for all EV chargers within limited power sources, and saves costs for upgrading the electrical infrastructure and electricity bills. The Ocular range have advanced load management features.

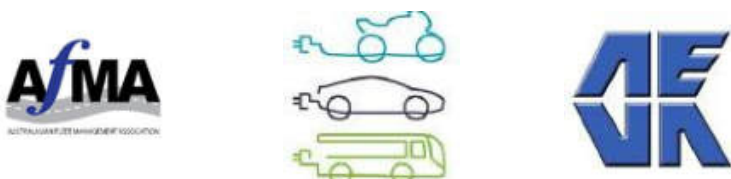
Professional & Powerful Partnership

Since 2015, we have been delivering groundbreaking EV charging solutions to multiple government, commercial and fleet clients. Some of our major clients include KIA, Hyundai, Queensland Government, ACT Government, NSW Government, North Sydney Council, LDV, CS Energy, ActewAGL, and Mirvac. Through these projects, we have proven our turnkey professional design and installation services as a best-in-class leader in the EV industry which has formed the basis of our reputation for excellence.

We take pride in being trusted by some of the largest brands in Australia



Proud to be a member of:





Case Study

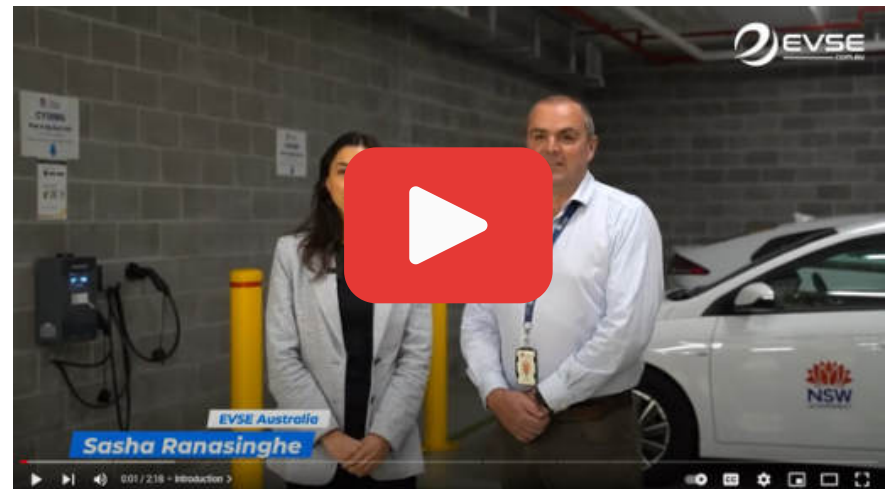
Transport for NSW

 **Macquarie Park
New South Wales**

 **19 x 22kW AC Chargers across
two individual sites.**

EVSE Australia was selected to assist TfNSW as they started the process of transitioning their fleet to hybrid and electric vehicles to meet the target of zero emission by 2050.

As part of this effort, we installed 19 Ocular IQ Commercial Chargers and access to Exploren in their new office at Macquarie Park in collaboration with John Holland Group to prepare for 100% electrified new fleet acquisitions by 2030. By using the API, we integrated the chargers into the building's BMS, allowing the building management to monitor and control the chargers through their system. Additionally, we installed subsequent 4 Smart AC Chargers at the TfNSW Burwood office.



Case Study

Camden Council



**Oran Park Library
New South Wales**



**3 x 22kW AC Chargers across
three individual sites.**

EVSE Australia was able to provide a full turn-key solution for the urban and semi-rural location of Camden to support local residents in the transition to electric vehicles.

EVSE installed Ocular Dual Towers for Camden Council. Dual Towers provide simultaneous dual charging, a perfect solution for public areas, in conjunction with Exploren which provides a user friendly charging experience.

We provided the crucial support and long-term experience needed for a effective and scalable charging solution.



FAQ

What charging solution would be best suited for my council fleet?

We recommend installing the Ocular IQ Commercial Wallbox & Ocular IQ Dual Port Tower, which is ideal for fleets with at least six hours of idle time during the day. This allows for overnight or daytime charging. If rapid charging is necessary, we can explore DC charging options can be investigated, although power availability on-site would first need to be confirmed.

How can I bill for charging sessions in a public facility?

Charging sessions can be billed per session through the Exploren software platform.

How do I identify particular fleet vehicles that are charging?

RFID cards can be issued and allocated to particular vehicles, and then they will be visualized in the backend software platform Exploren.

What is load management?

Do I need it?

Load management optimizes power availability by prioritizing essential services before EV charging, which is crucial as existing infrastructure may not initially have been built to accommodate EV power requirements. It's a dynamic solution that can adapt to available resources.





Contact

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