



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

Exploren Billing System

Flexible options for EV charging stations

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

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

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

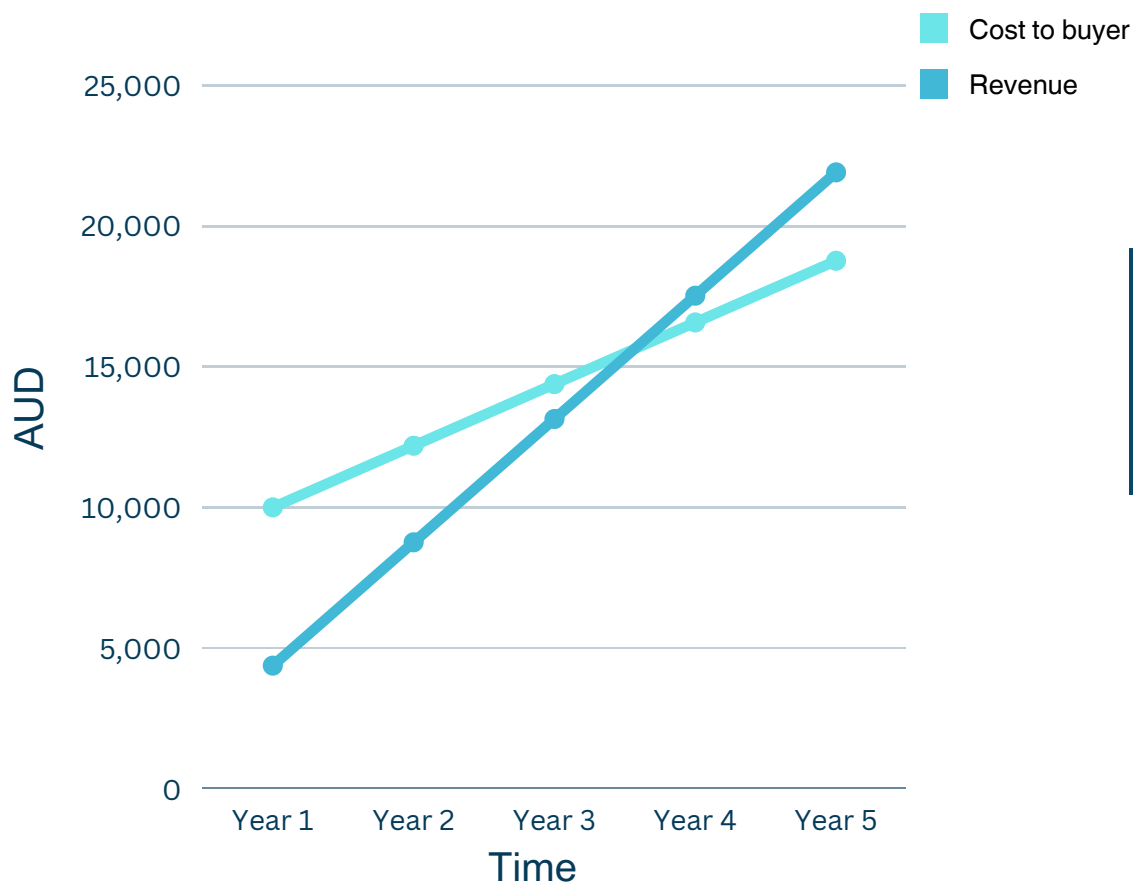
Charger Revenue

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 \$2190



22% return per annum*

Pay off initial investment and start generating profit.

*Please note individual experience and situation may vary.

Branding and Wrapping



EVSE Australia provides the opportunity for councils to ***customise the appearance*** of their EV chargers. This allows the charging equipment to blend seamlessly with the council's aesthetic, resulting in a ***cohesive and polished presentation***.

The branding and wrapping service for EV chargers is highly beneficial for councils as it helps to create a visually striking impact, strengthens their brand identity, and generates a positive perception among their stakeholders.



Therefore, it is an excellent investment for councils seeking to enhance their overall image



Reach Sustainability Goals

Reduce emissions for your Council or Government area

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

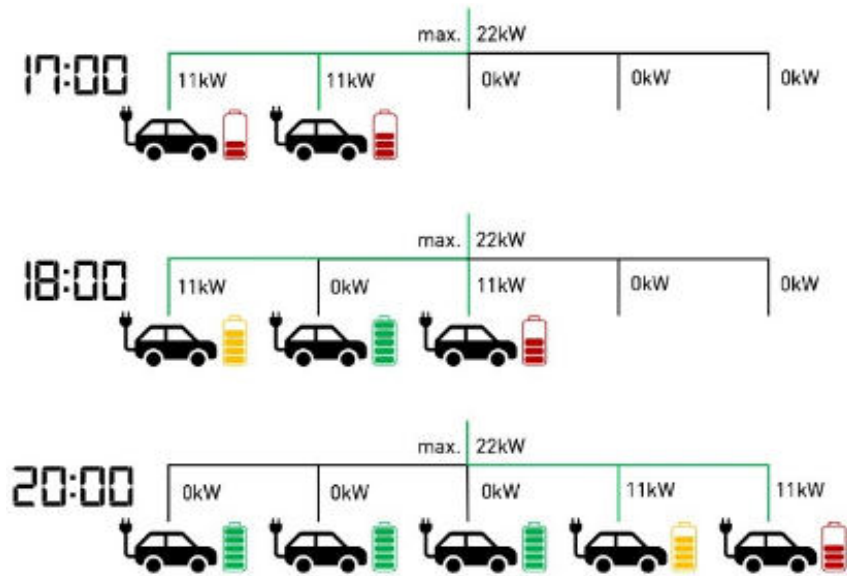
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Load Management for Scale

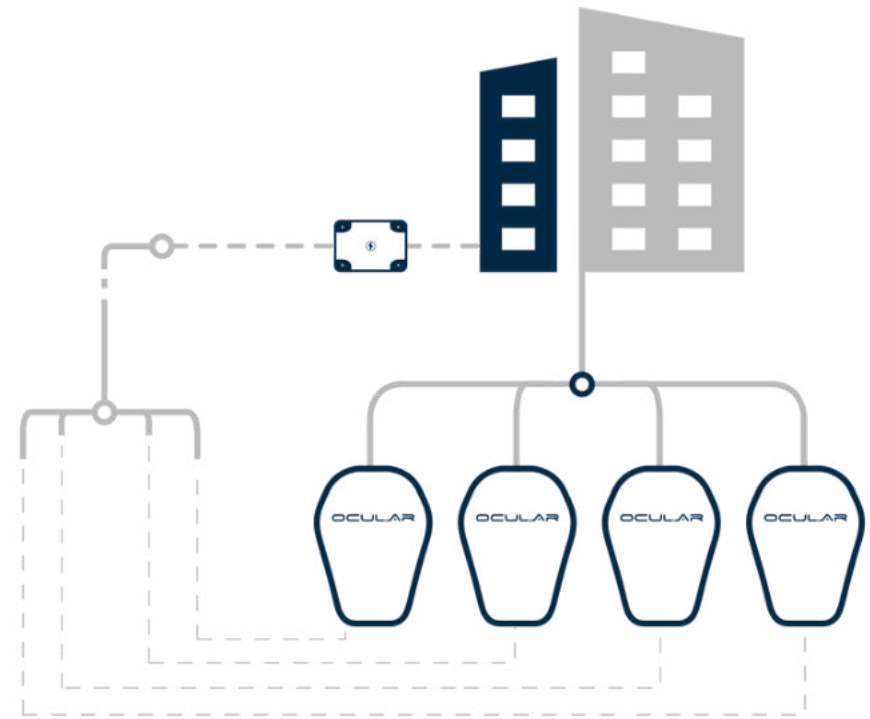
Why it is important for your commercial charger installation?

It is a critical feature across EVSE's range due to its ability to control and monitor the amount of power used for charging electric vehicles (EVs). Unlike standard chargers, 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 is the process of balancing the supply of electricity on a network.



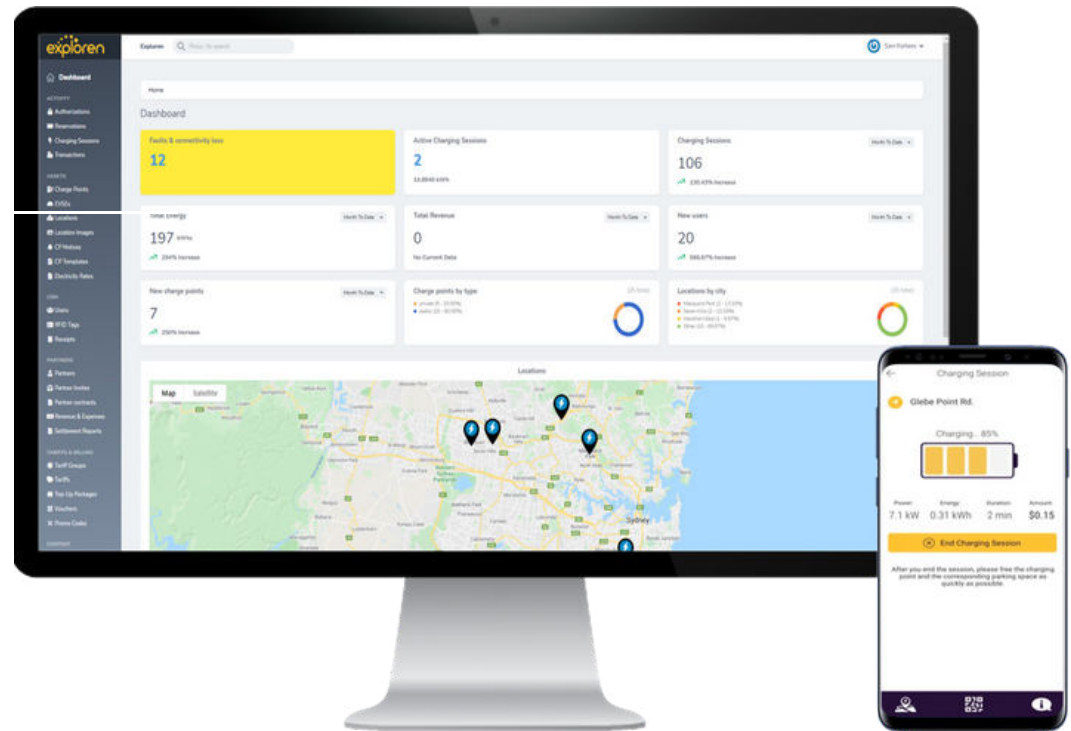
Load Management protects the building's electrical infrastructure, eliminates the risk of overloading, ensures efficient operation for all EV chargers within limited power sources, and saves costs for upgrading the electrical infrastructure and electricity bills. The Ocular range have advanced load management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



Charge Point Management System

Exploren has partnered with EVSE to provide a software management system for your charging network. *Exploren* is packed with a range of features that will revolutionise the way you manage and monitor your EV charging network. Through the online platform or mobile app, you'll be able to locate chargers with ease and accept payments quickly and securely.

- Local Support
- Data Collecting
- Open Source APIs
- Australian Hosted and Owned



The Installation Process



Our project engineers will contact you to discuss your specific needs. We ask questions to better understand your site requirements as well as the unique needs of your business.



Our experts will conduct a physical site survey to assess your desired charging locations. Based on our findings, we will provide advice on a tailored solution and draw up a comprehensive quote.



Our team will send you a detailed breakdown of the quote for you to review. Once the quote is signed, we will get in touch to agree on the specific planning details.



On the installation day(s), we'll install your charge points as per the agreed specifications and provide a short how-to charging demonstration.

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

- A full thorough inspection is conducted before installation to ensure proper installation of the charging station.
- Start-up inspection is performed to verify that the equipment is functioning properly.
- On-site electrical consultations are provided to ensure that the installation meets all Australian and local standards.
- Complete transparency on equipment features, usage, maintenance, and warranties.
- Installation with all equipment meeting the latest AS3000 wiring rules, maintaining new cars warranty

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

More in [EVSE Charger Installation Guide](#)

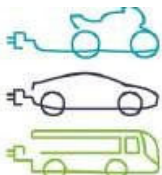
Professional & Powerful Partnership

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



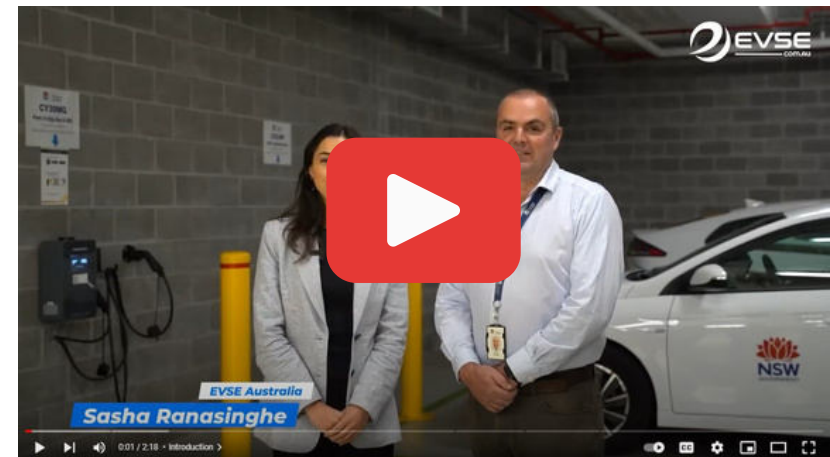
Macquarie Park
New South Wales



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.



Our Story



We started our journey in 2015 from a small garage in Sydney with a single **mission - *make it simple and easy to own an electric vehicle.***

As an early adopter of electric vehicles, we recognized the importance of this new technology being a fundamental step towards a clean, emissions-free future.

Our dedicated team of EV experts continues to grow as we partner with our customers by providing advice, installation, and ongoing support for their electric journey.

Since then, EVSE Australia has grown into a full-service EV Solutions provider servicing residential and commercial customers across the nation. We have partnered with the world's leading brands and developed our own cutting-edge technologies to offer Australia's largest range of charging hardware and software solutions that make the transition from petrol to electric vehicles seamless and rewarding.



EVSE is committed to supplying the world's leading EV hardware with integrated technology to manage and service the growing Australian market.

EVSE can provide solutions to residential, commercial & governments to help all Australian's integrate electric vehicles into their community. We can work with existing electrical networks or offer a complete turn key service.

Contact

Please feel free to contact us if you have any questions.

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