



powered by



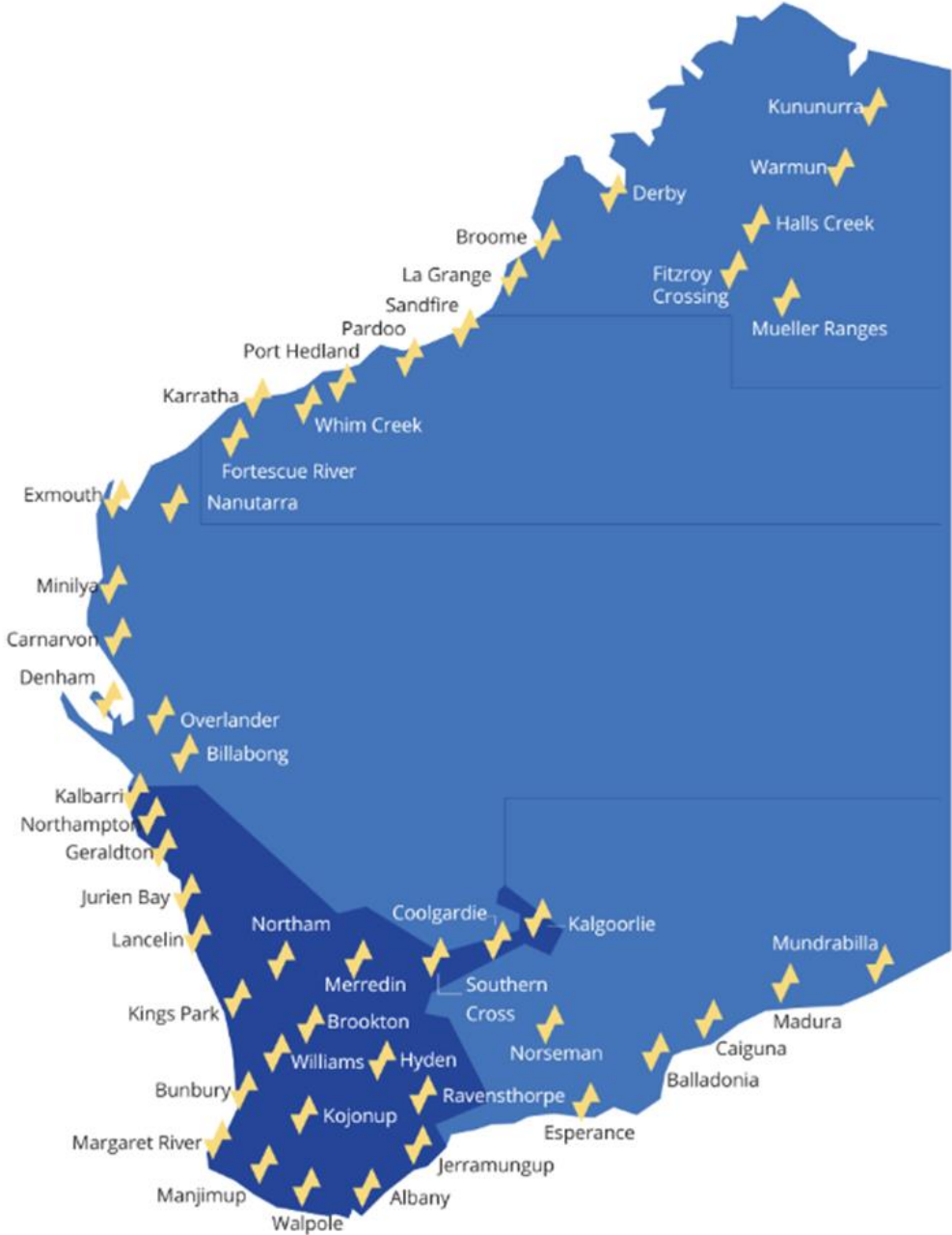
LGA Reporting

Data included to 31 March 2025

Western Australia Electric Vehicle Charger Map

Charging locations for the
State Government's EV
charging network.

- ⚡ EV Charging Locations
- Synergy Service Area
- Horizon Power Service Area



Synergy Service Area Sites



powered by



WA EV NETWORK DASHBOARD

Charge Station Location

ALBANY

01/04/2024

Start Date

126.6

Total Usage (MWh)

40.4

CO2 Abated (Tons)

38

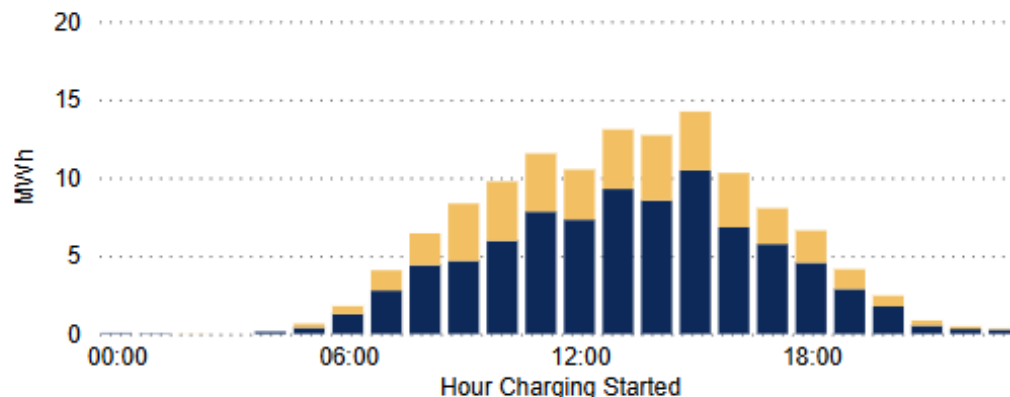
Average Charge (Mins)

37

Average Charge (kWh)

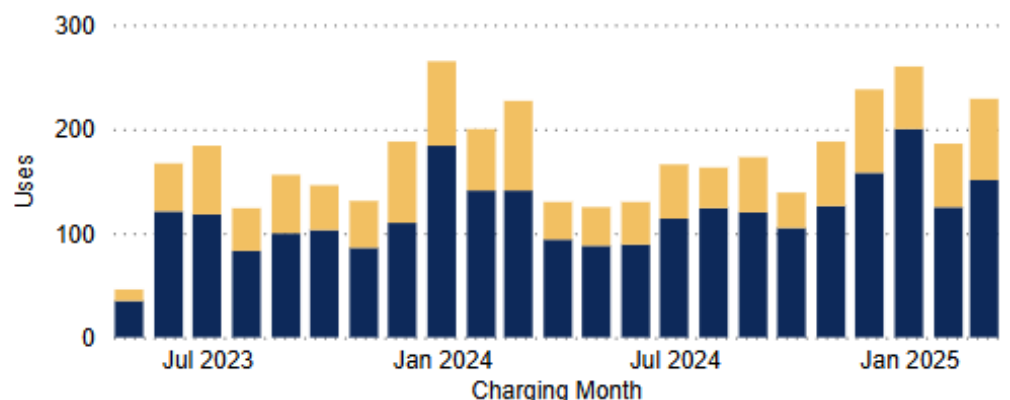
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

60.7 (48%)



65.9 (52%)

● Off Peak ● Peak

Day Type Uses

1.13K (33%)



2.34K (67%)

● Weekday ● Weekend



powered by

HORIZON POWER + synergy

WA EV NETWORK DASHBOARD

Charge Station Location

BROOKTON

31/05/2024

Start Date

13.3

Total Usage (MWh)

4.2

CO2 Abated (Tons)

30

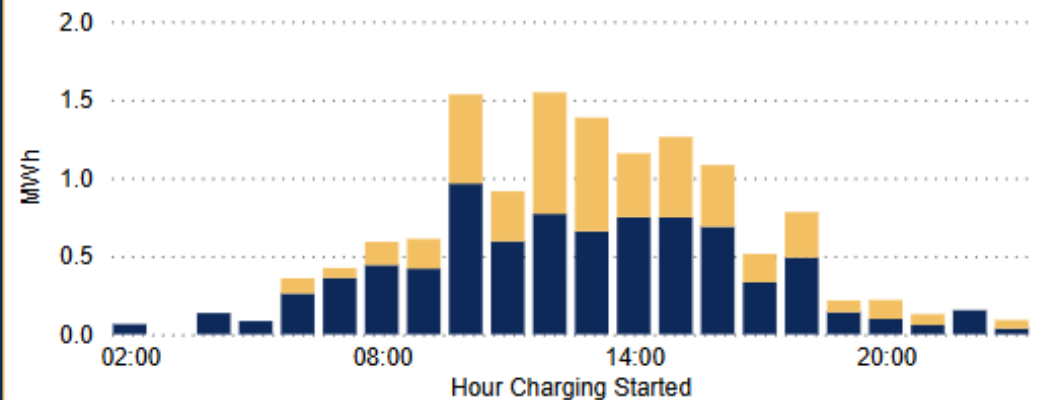
Average Charge (Mins)

31

Average Charge (kWh)

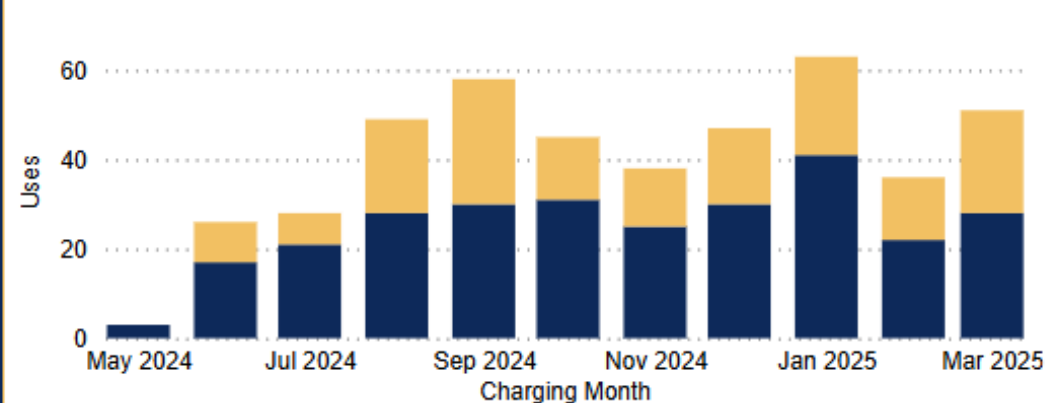
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

6.1 (46%)



● Off Peak ● Peak

Day Type Uses

164 (38%)



● Weekday ● Weekend

WA EV NETWORK DASHBOARD

Charge Station Location

BUNBURY

16/04/2024

Start Date

104.6

Total Usage (MWh)

33.3

CO2 Abated (Tons)

33

Average Charge (Mins)

30

Average Charge (kWh)

Time of Usage (MWh)

41.7 (40%)



62.9 (60%)

Off Peak Peak

Day Type Uses

1.28K (37%)

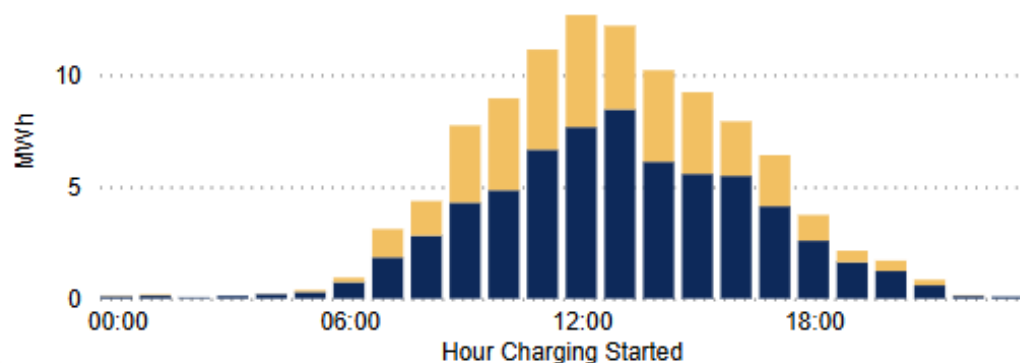


2.16K (63%)

Weekday Weekend

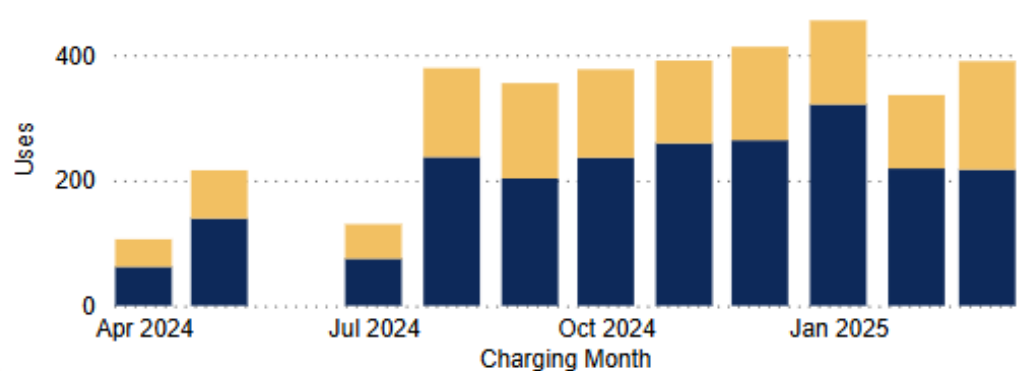
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



powered by

HORIZON
POWER

+ synergy

WA EV NETWORK DASHBOARD

Charge Station Location

COOLGARDIE

01/04/2024

Start Date

13.8

Total Usage (MWh)

4.4

CO2 Abated (Tons)

27

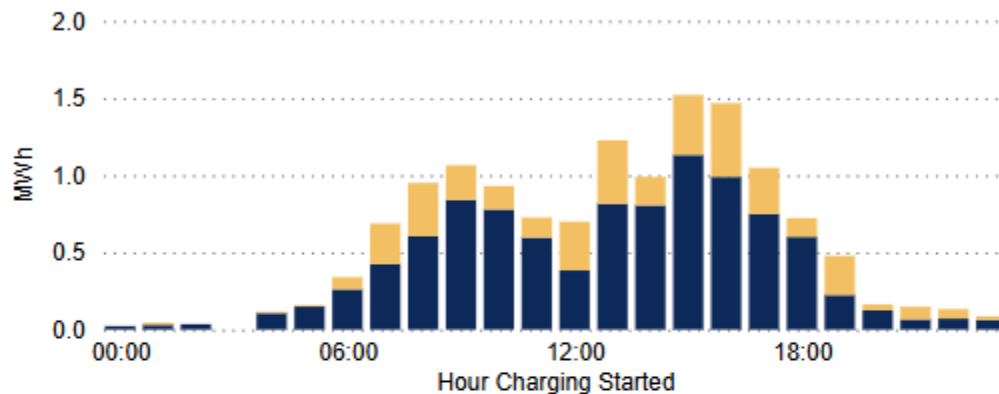
Average Charge (Mins)

31

Average Charge (kWh)

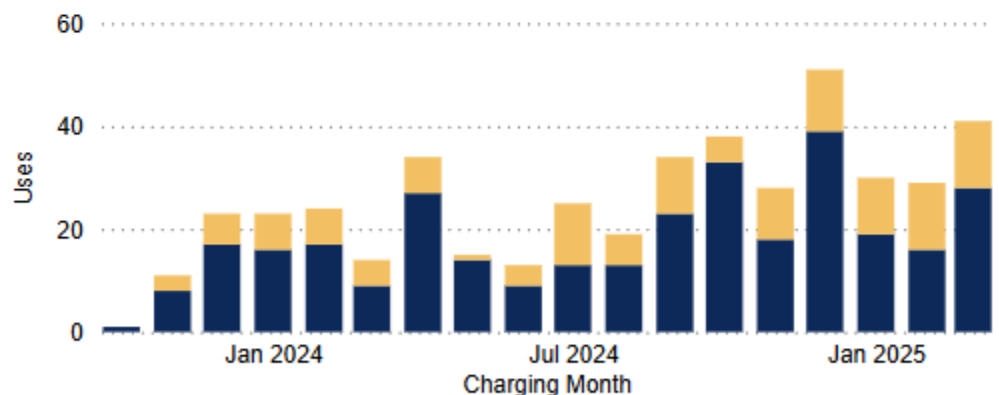
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

5.6 (41%)



8.1 (59%)

● Peak ● Off Peak

Day Type Uses

133 (30%)



317 (70%)

● Weekday ● Weekend



powered by

HORIZON POWER + synergy

WA EV NETWORK DASHBOARD

Charge Station Location

GERALDTON

01/04/2024

Start Date

92.9

Total Usage (MWh)

29.6

CO2 Abated (Tons)

39

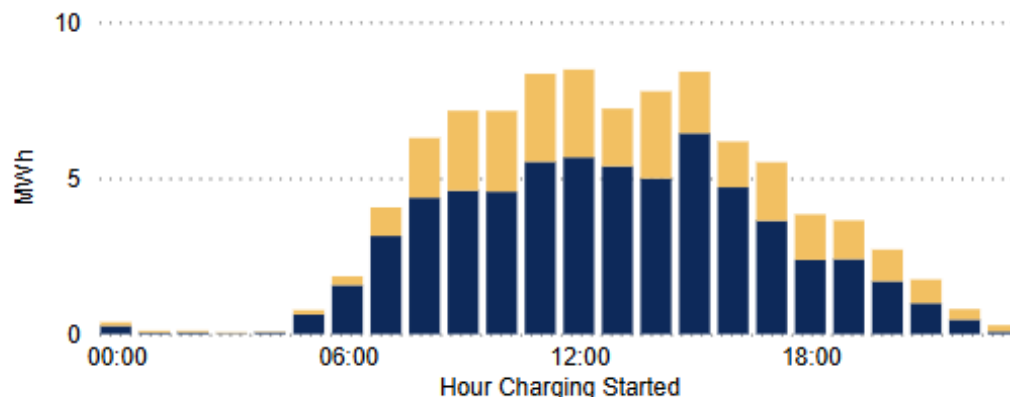
Average Charge (Mins)

38

Average Charge (kWh)

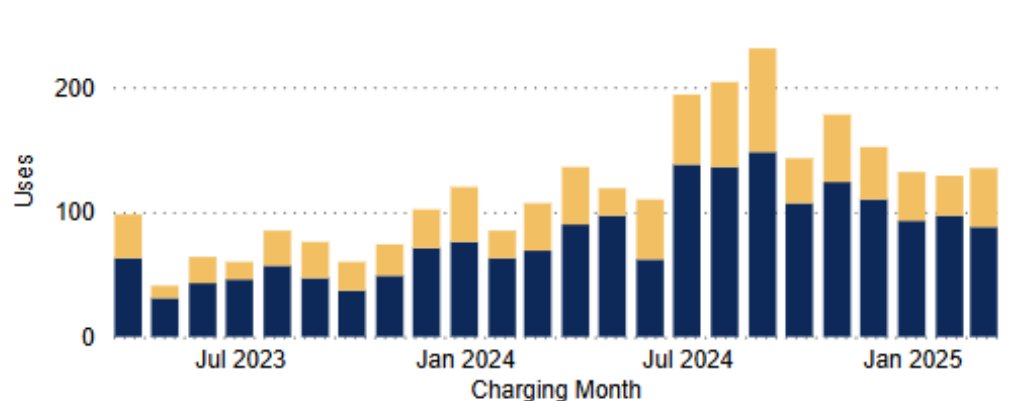
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

5.6 (41%)



8.1 (59%)

● Peak ● Off Peak

Day Type Uses

0.83K (34%)



1.64K (66%)

● Weekday ● Weekend



powered by



WA EV NETWORK DASHBOARD

Charge Station Location

HYDEN

01/04/2024

Start Date

11.8

Total Usage (MWh)

7.8

CO2 Abated (Tons)

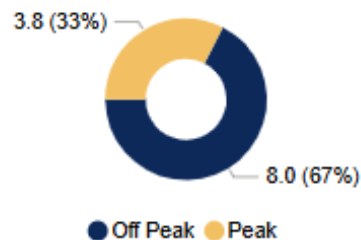
39

Average Charge (Mins)

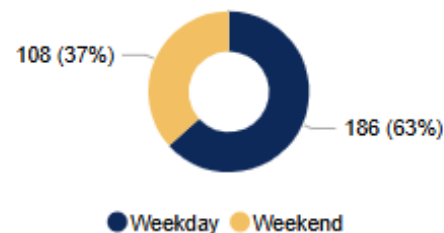
40

Average Charge (kWh)

Time of Usage (MWh)

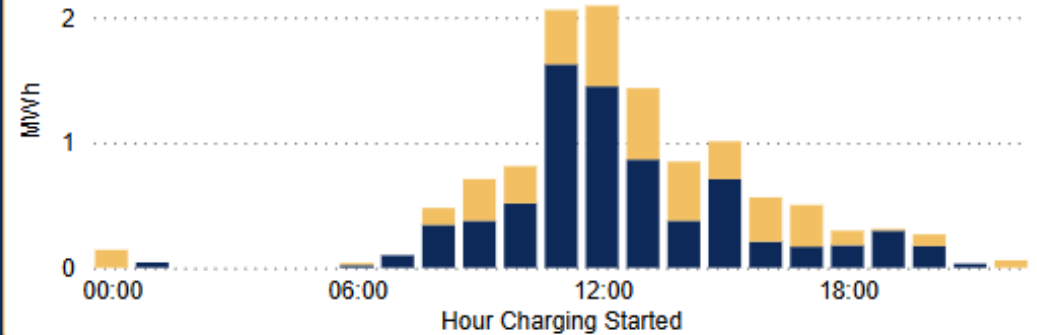


Day Type Uses



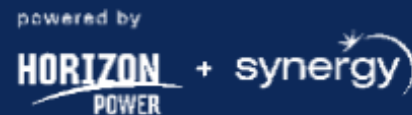
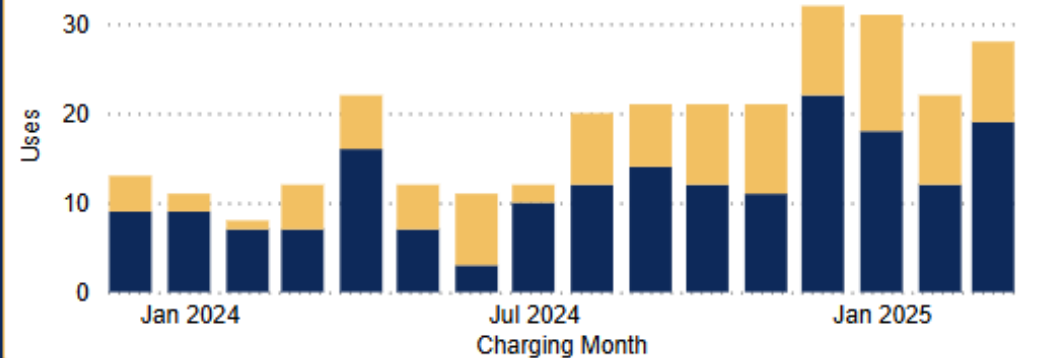
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



WA EV NETWORK DASHBOARD

Charge Station Location

JERRAMUNGUP

01/04/2024

Start Date

15.7

Total Usage (MWh)

5.0

CO2 Abated (Tons)

35

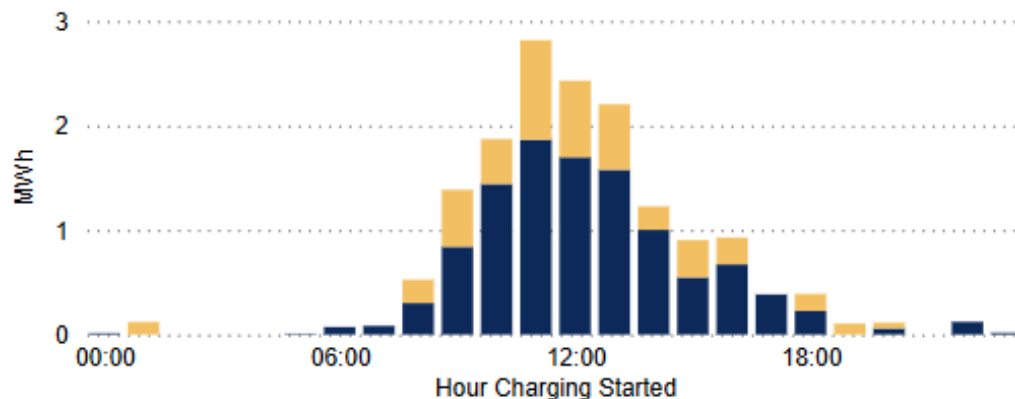
Average Charge (Mins)

38

Average Charge (kWh)

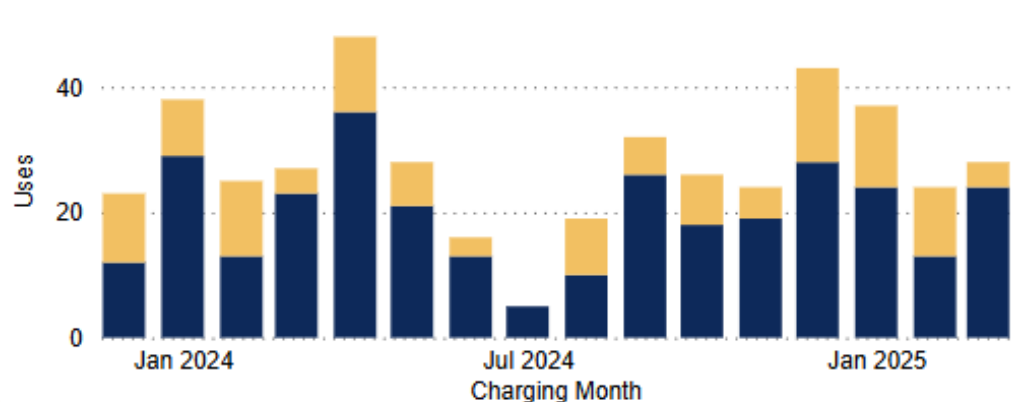
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



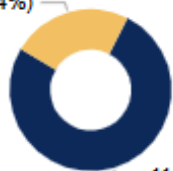
Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

3.8 (24%)



11.9 (76%)

● Off Peak ● Peak

Day Type Uses

120 (29%)



294 (71%)

● Weekday ● Weekend



powered by

HORIZON
POWER

+ synergy

WA EV NETWORK DASHBOARD

Charge Station Location

JURIEN BAY

01/04/2024

Start Date

99.8

Total Usage (MWh)

31.8

CO2 Abated (Tons)

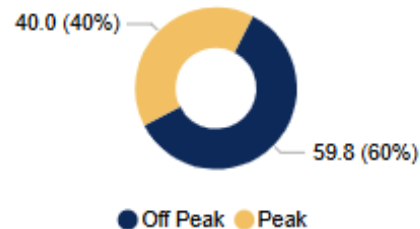
38

Average Charge (Mins)

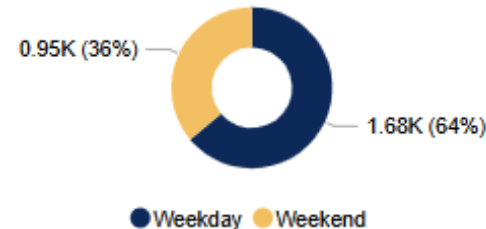
38

Average Charge (kWh)

Time of Usage (MWh)

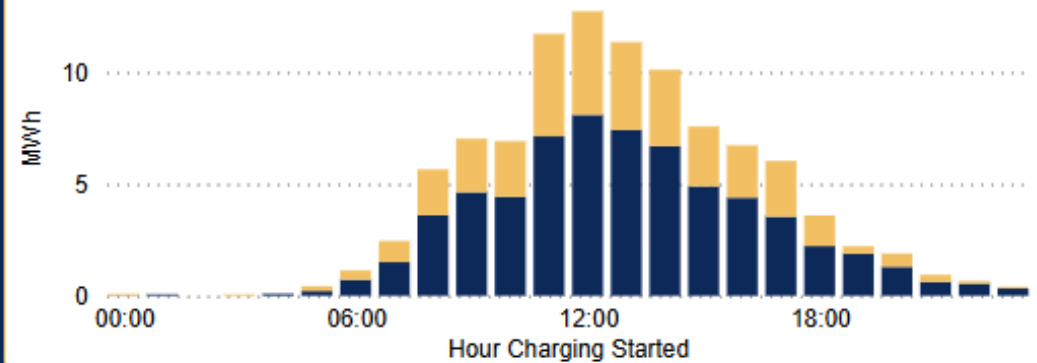


Day Type Uses



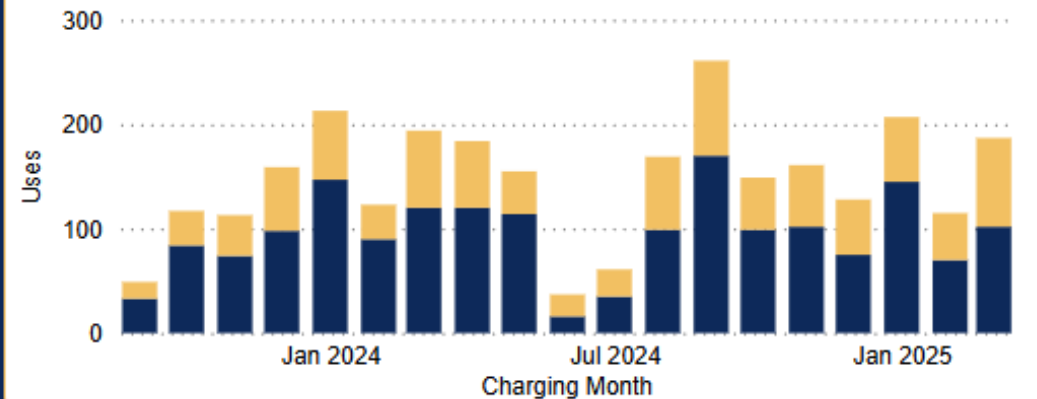
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



WA EV NETWORK DASHBOARD

Charge Station Location

KALBARRI

06/06/2024

Start Date

6.9

Total Usage (MWh)

2.2

CO2 Abated (Tons)

43

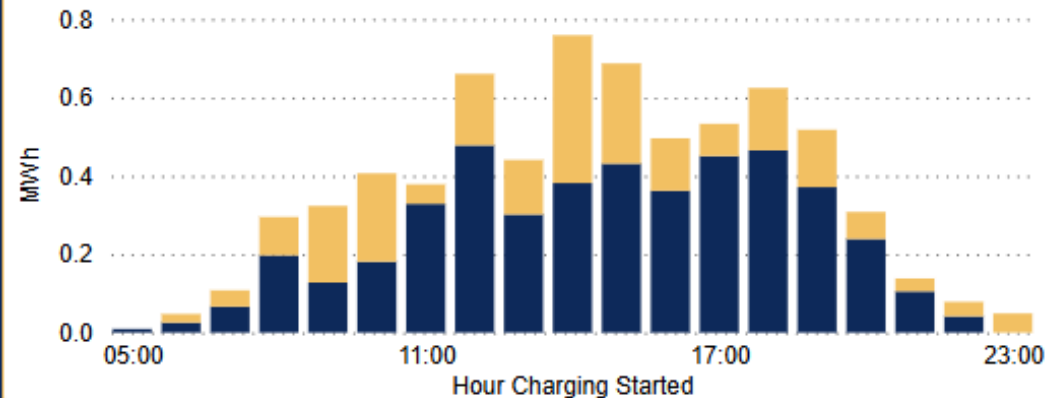
Average Charge (Mins)

27

Average Charge (kWh)

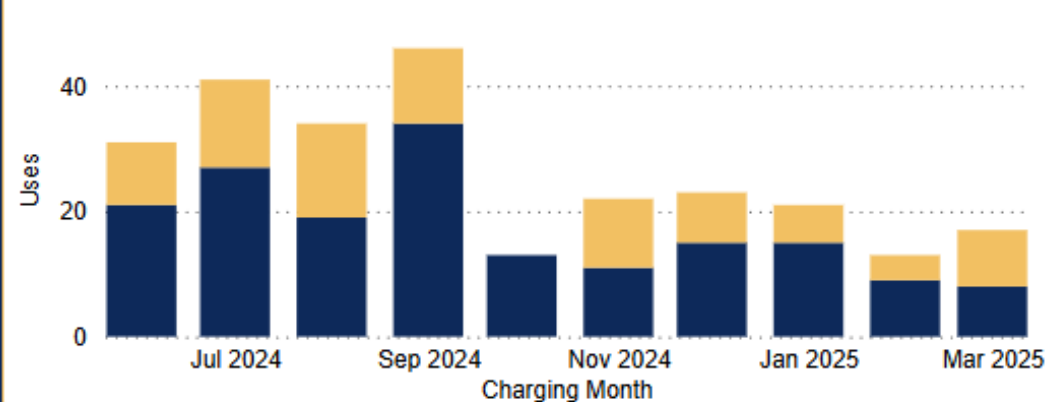
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend

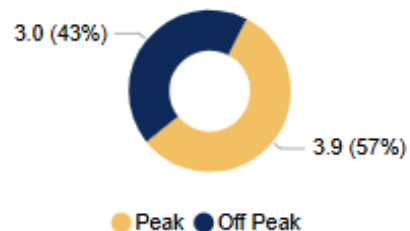


Total Uses Per Month

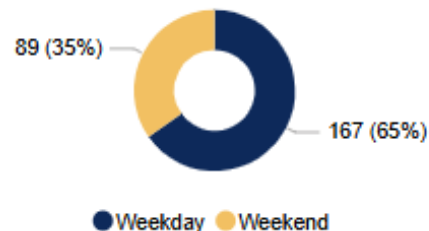
Day Type ● Weekday ● Weekend



Time of Usage (MWh)



Day Type Uses



WA EV NETWORK DASHBOARD

Charge Station Location

KALGOORLIE

01/04/2024

Start Date

14.9

Total Usage (MWh)

4.8

CO2 Abated (Tons)

31

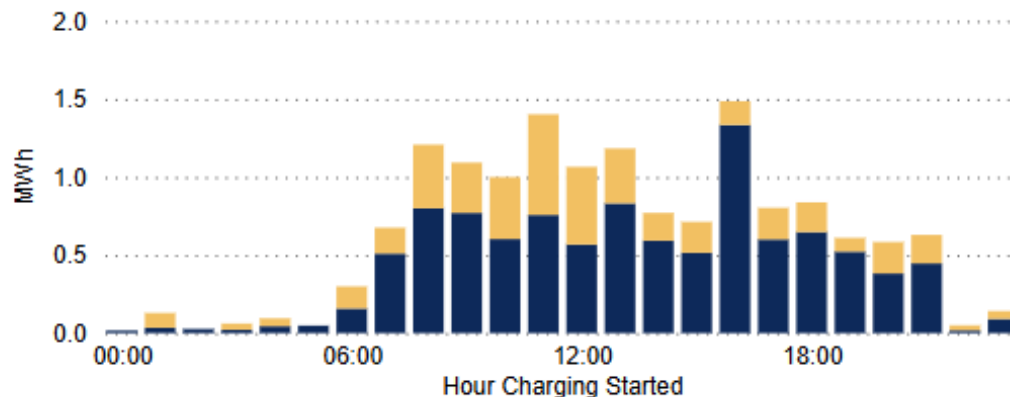
Average Charge (Mins)

32

Average Charge (kWh)

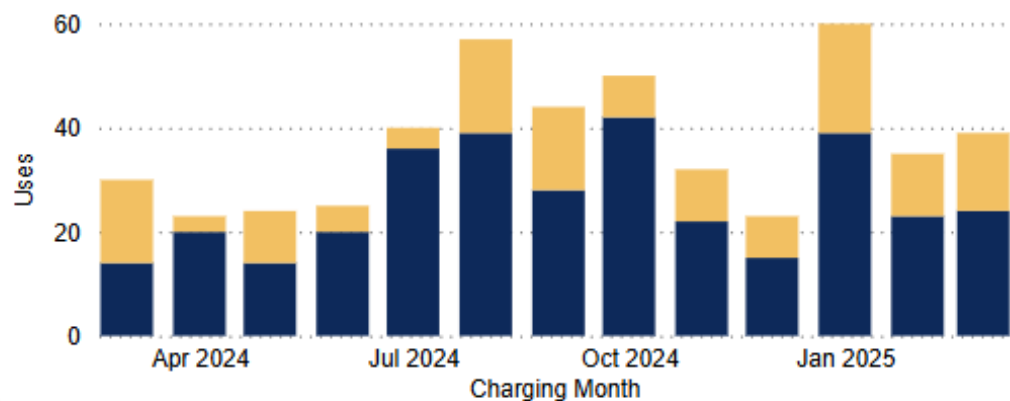
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

6.5 (44%)



8.4 (56%)

● Peak ● Off Peak

Day Type Uses

144 (31%)



328 (69%)

● Weekday ● Weekend

WA EV NETWORK DASHBOARD

Charge Station Location

KINGS PARK

01/04/2024

Start Date

381.0

Total Usage (MWh)

121.5

CO2 Abated (Tons)

35

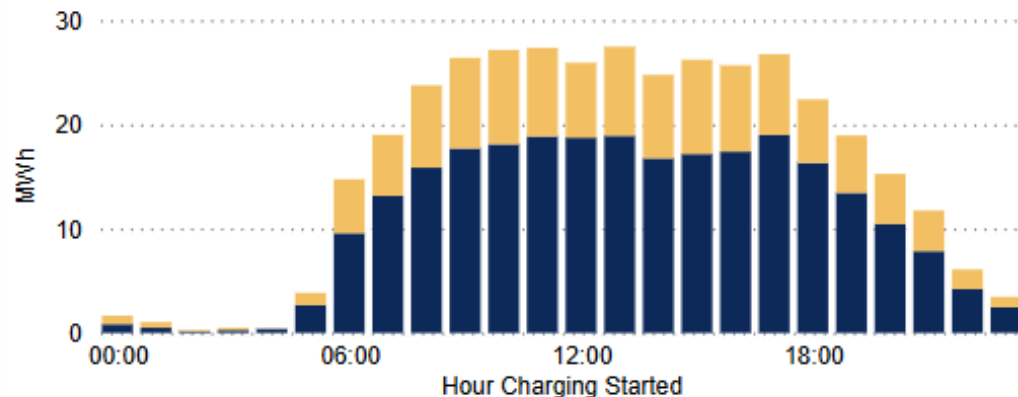
Average Charge (Mins)

33

Average Charge (kWh)

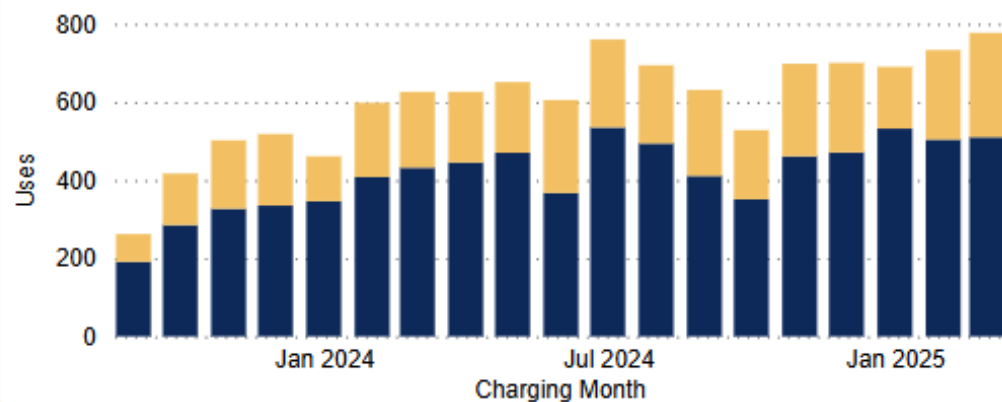
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

159.1 (42%)



221.9 (58%)

● Peak ● Off Peak

Day Type Uses

3.58K (31%)



7.81K (69%)

● Weekday ● Weekend



powered by

HORIZON POWER + synergy

WA EV NETWORK DASHBOARD

Charge Station Location

KOJONUP

19/04/2024

Start Date

55.8

Total Usage (MWh)

17.8

CO2 Abated (Tons)

32

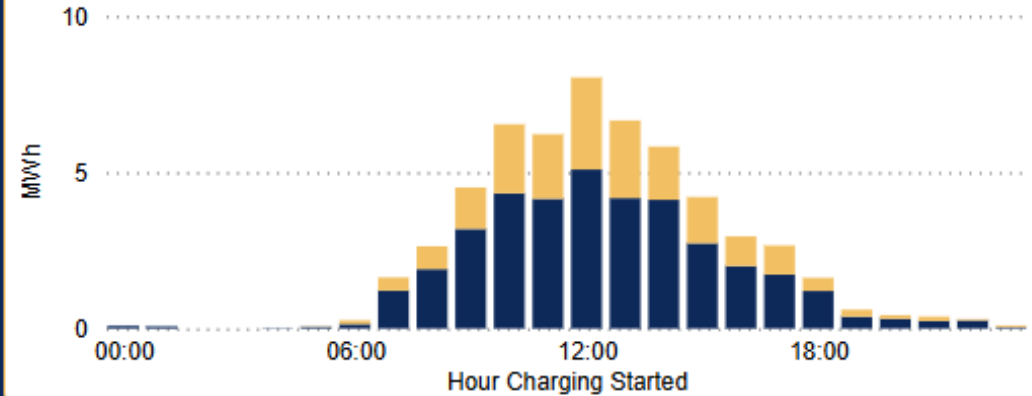
Average Charge (Mins)

33

Average Charge (kWh)

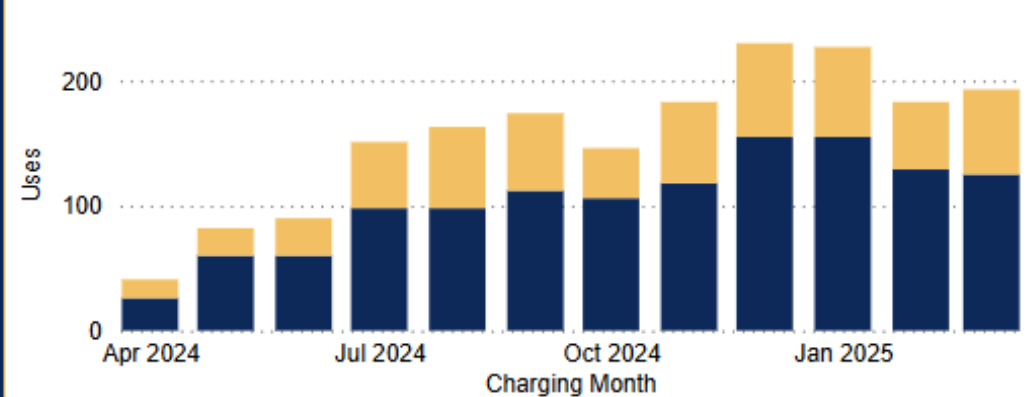
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend

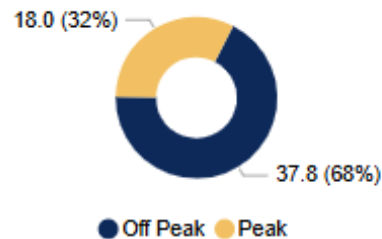


Total Uses Per Month

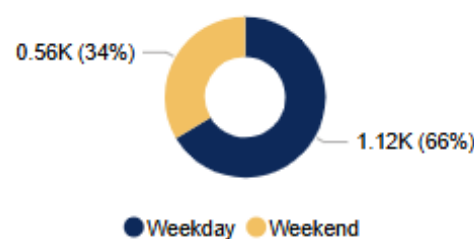
Day Type ● Weekday ● Weekend



Time of Usage (MWh)



Day Type Uses



WA EV NETWORK DASHBOARD

Charge Station Location

LANCELIN

01/04/2024

Start Date

53.7

Total Usage (MWh)

17.1

CO2 Abated (Tons)

30

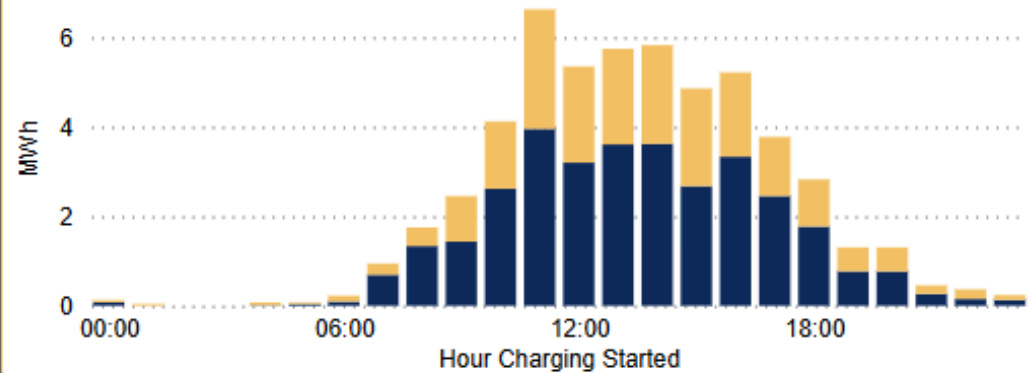
Average Charge (Mins)

30

Average Charge (kWh)

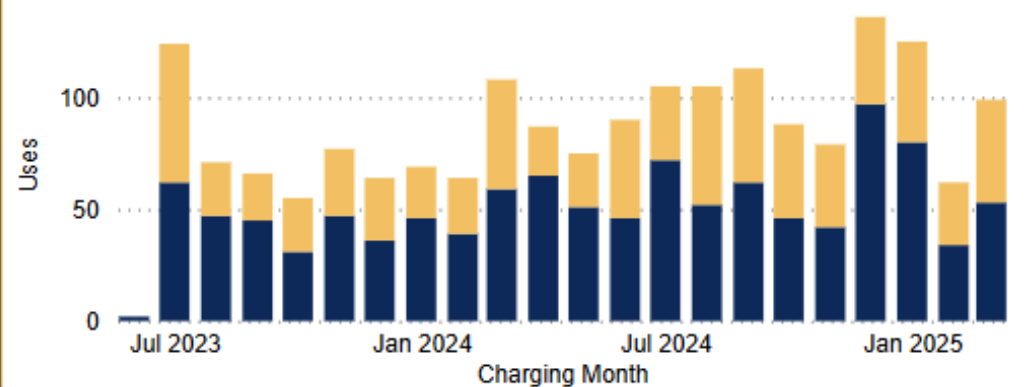
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

23.6 (44%)



30.1 (56%)

● Off Peak ● Peak

Day Type Uses

0.73K (40%)



1.08K (60%)

● Weekday ● Weekend



powered by

HORIZON POWER + synergy

WA EV NETWORK DASHBOARD

Charge Station Location

MANJIMUP

01/04/2024

Start Date

72.6

Total Usage (MWh)

23.1

CO2 Abated (Tons)

35

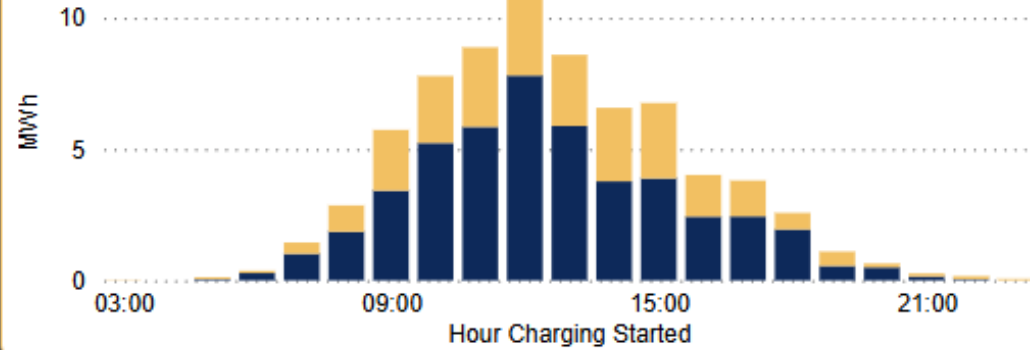
Average Charge (Mins)

35

Average Charge (kWh)

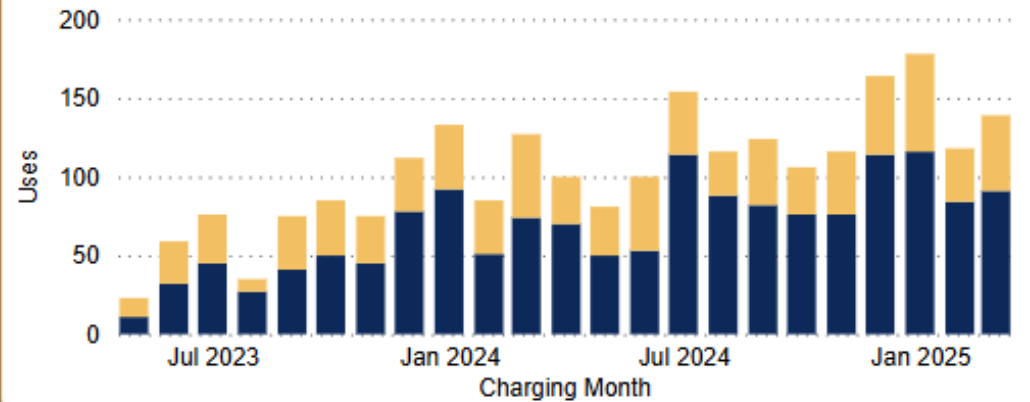
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

24.2 (33%)



48.4 (67%)

● Off Peak ● Peak

Day Type Uses

0.71K (34%)



1.38K (66%)

● Weekday ● Weekend



powered by

HORIZON POWER + synergy

WA EV NETWORK DASHBOARD

Charge Station Location

MARGARET RIVER

01/04/2024

Start Date

87.2

Total Usage (MWh)

27.8

CO2 Abated (Tons)

37

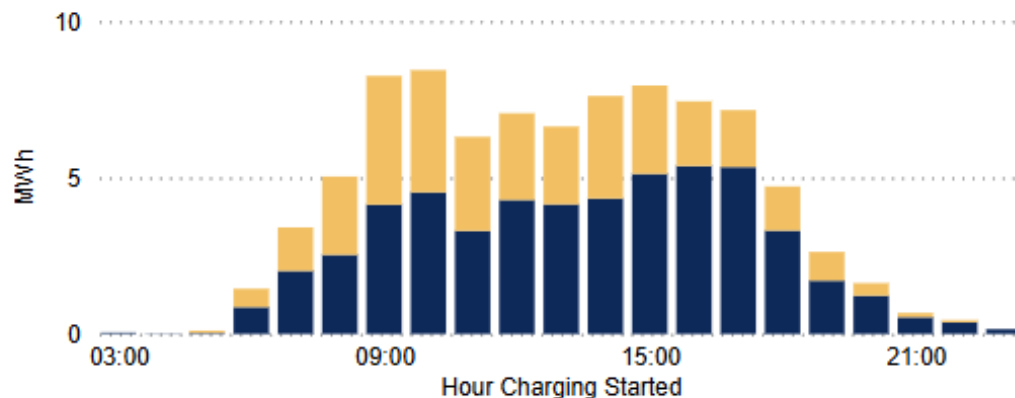
Average Charge (Mins)

32

Average Charge (kWh)

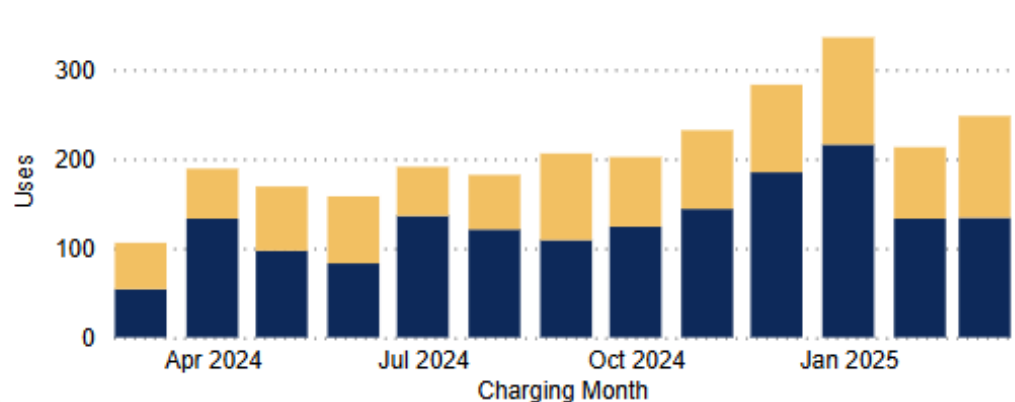
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend

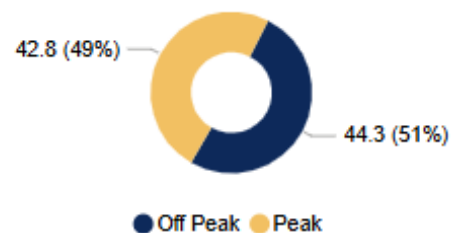


Total Uses Per Month

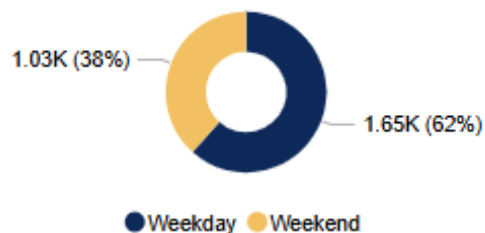
Day Type ● Weekday ● Weekend



Time of Usage (MWh)



Day Type Uses



WA EV NETWORK DASHBOARD

Charge Station Location

MERREDIN

01/04/2024

Start Date

42.1

Total Usage (MWh)

13.4

CO2 Abated (Tons)

37

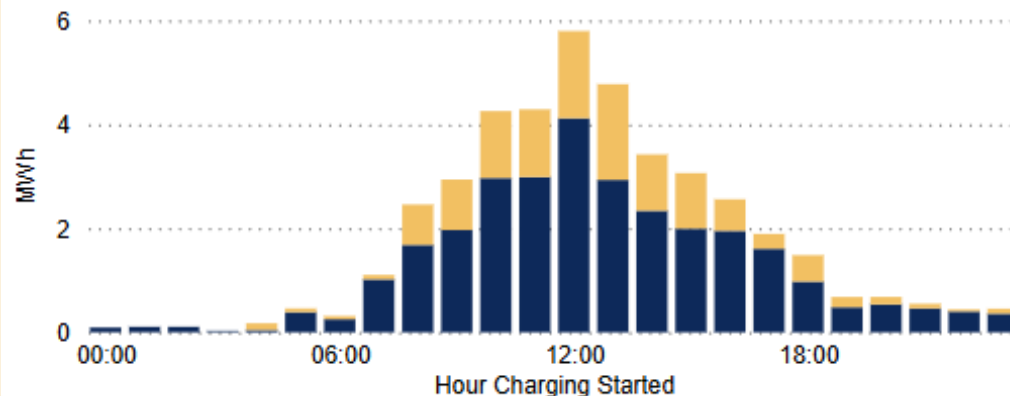
Average Charge (Mins)

39

Average Charge (kWh)

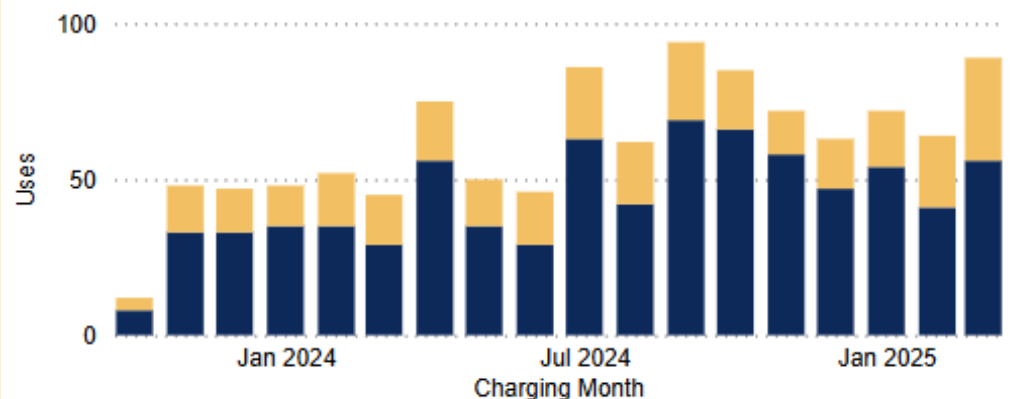
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

16.7 (40%)



25.5 (60%)

● Off Peak ● Peak

Day Type Uses

318 (29%)



762 (71%)

● Weekday ● Weekend



powered by

HORIZON POWER + synergy

WA EV NETWORK DASHBOARD

Charge Station Location

NORTHAM

19/10/2024

Start Date

16.5

Total Usage (MWh)

5.3

CO2 Abated (Tons)

29

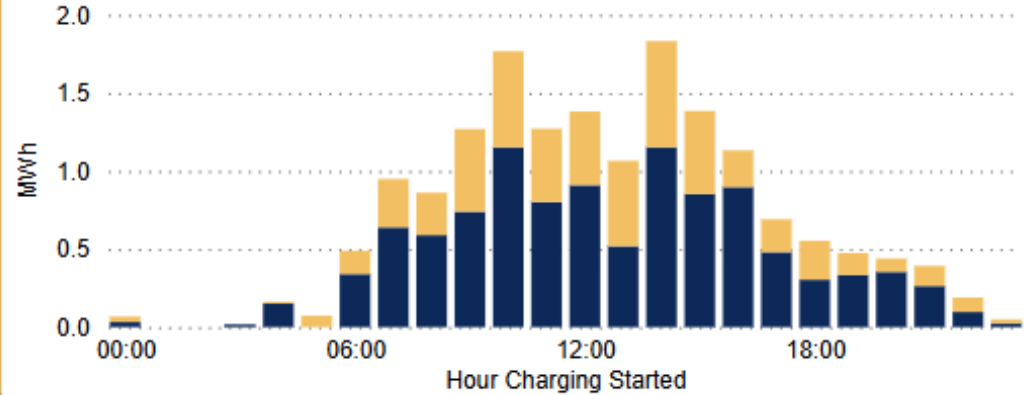
Average Charge (Mins)

25

Average Charge (kWh)

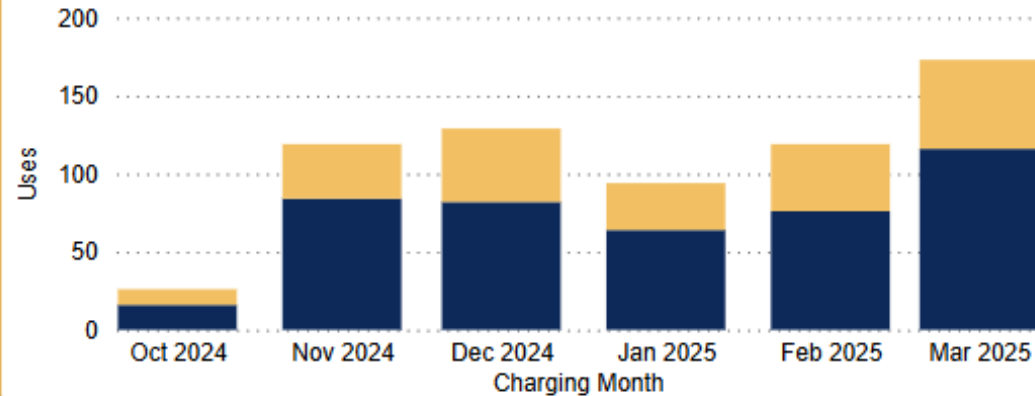
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

7.9 (48%)



8.6 (52%)

● Off Peak ● Peak

Day Type Uses

222 (34%)



432 (66%)

● Weekday ● Weekend



powered by



WA EV NETWORK DASHBOARD

Charge Station Location

NORTHAMPTON

01/04/2024

Start Date

18.2

Total Usage (MWh)

5.8

CO2 Abated (Tons)

30

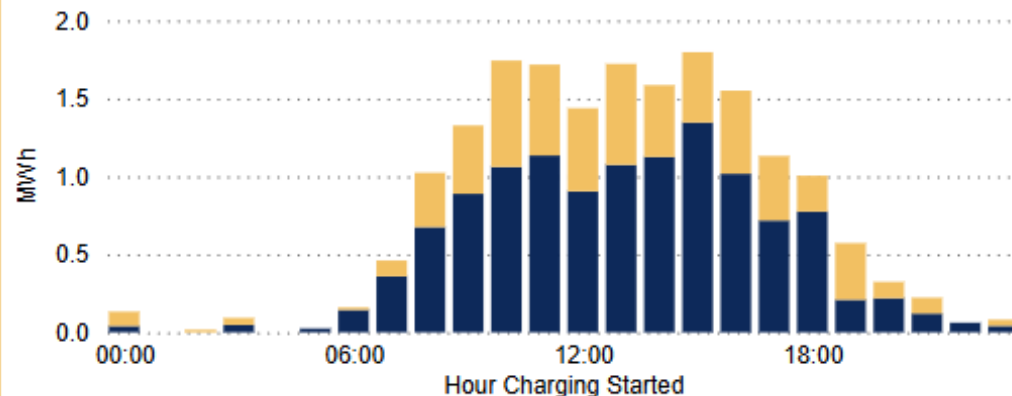
Average Charge (Mins)

32

Average Charge (kWh)

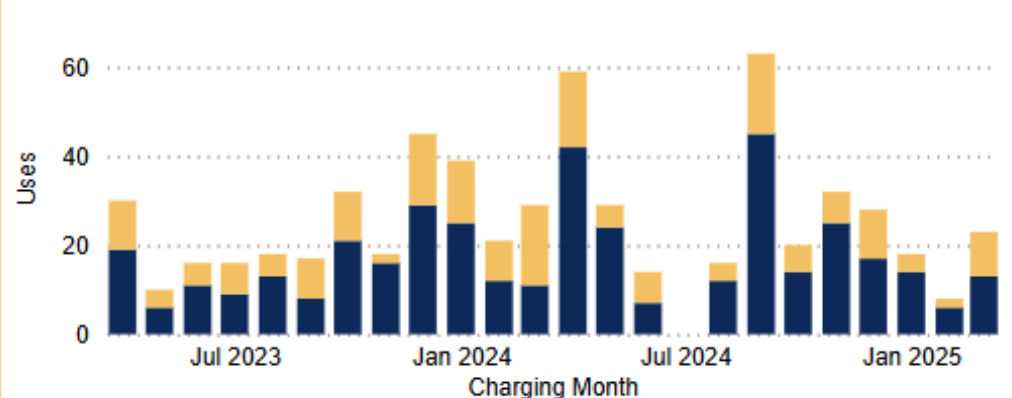
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend



Total Uses Per Month

Day Type ● Weekday ● Weekend



Time of Usage (MWh)

8.7 (48%)



9.5 (52%)

● Off Peak ● Peak

Day Type Uses

195 (35%)



368 (65%)

● Weekday ● Weekend

WA EV NETWORK DASHBOARD

Charge Station Location

RAVENSTHORPE

16/05/2024

Start Date

14.1

Total Usage (MWh)

4.5

CO2 Abated (Tons)

33

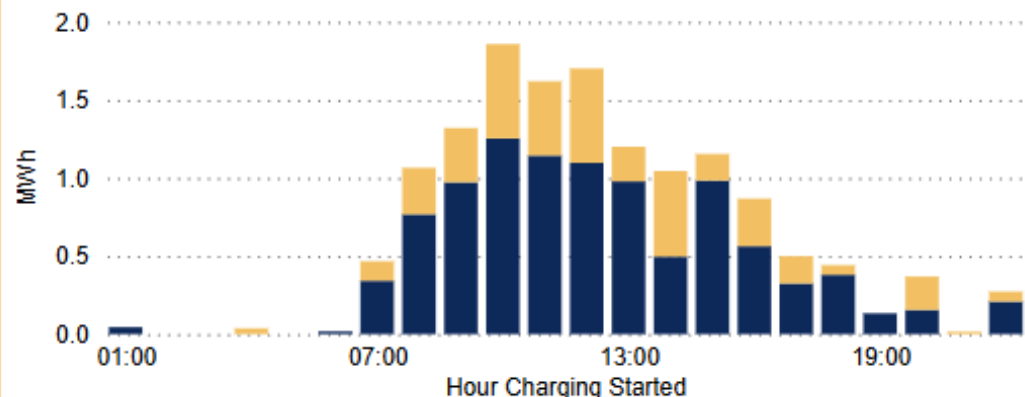
Average Charge (Mins)

36

Average Charge (kWh)

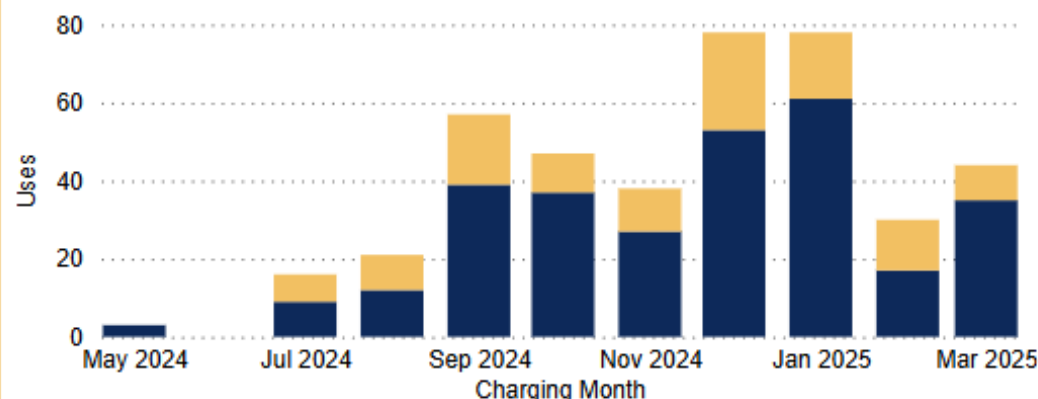
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend

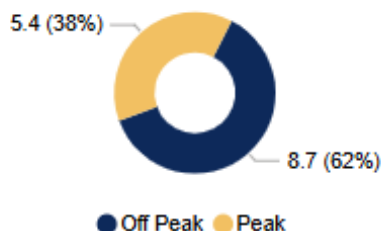


Total Uses Per Month

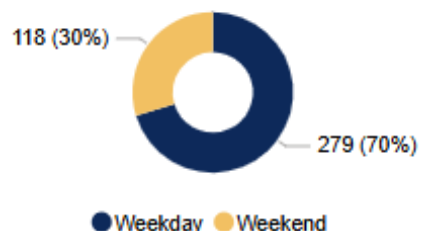
Day Type ● Weekday ● Weekend



Time of Usage (MWh)



Day Type Uses



WA EV NETWORK DASHBOARD

Charge Station Location

SOUTHERN CROSS

01/04/2024

Start Date

23.3

Total Usage (MWh)

7.4

CO2 Abated (Tons)

27

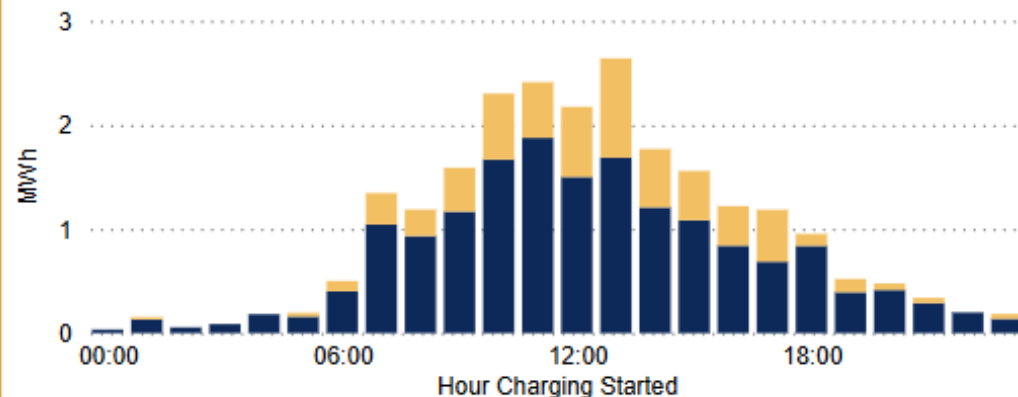
Average Charge (Mins)

30

Average Charge (kWh)

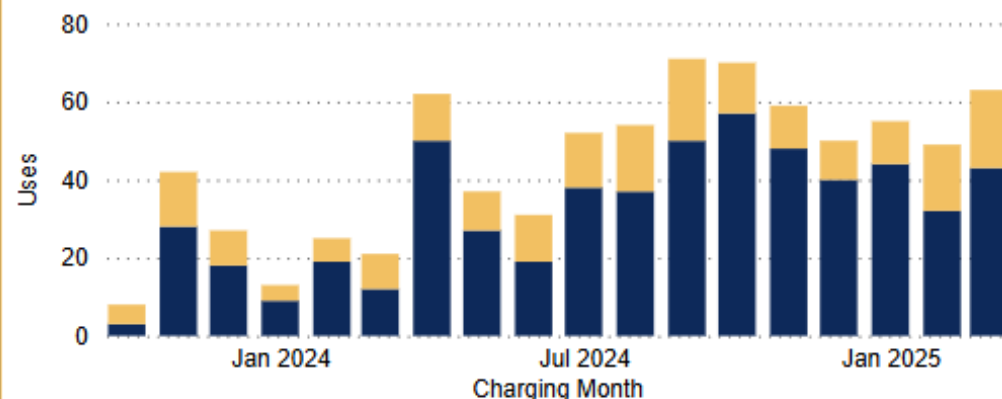
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend

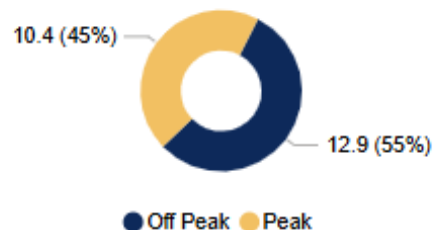


Total Uses Per Month

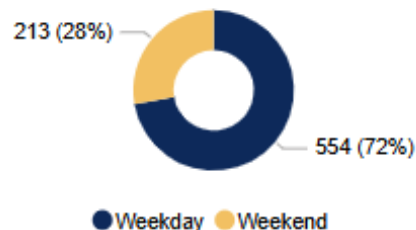
Day Type ● Weekday ● Weekend



Time of Usage (MWh)



Day Type Uses



WA EV NETWORK DASHBOARD

Charge Station Location

WALPOLE

01/04/2024

Start Date

31.1

Total Usage (MWh)

9.9

CO2 Abated (Tons)

34

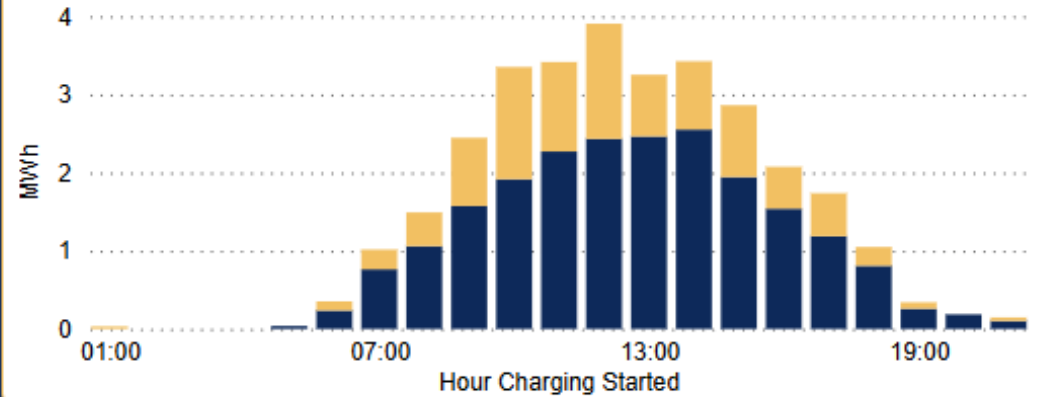
Average Charge (Mins)

32

Average Charge (kWh)

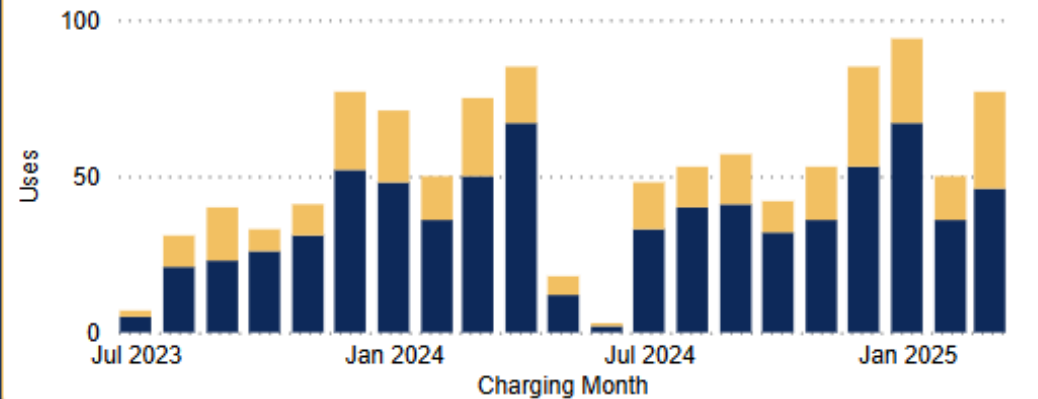
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend

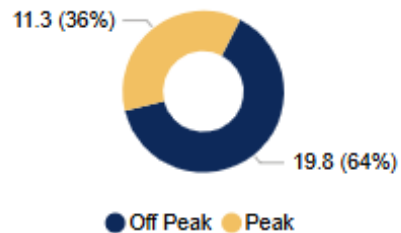


Total Uses Per Month

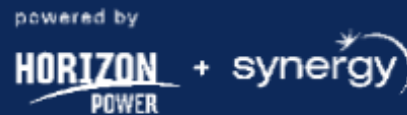
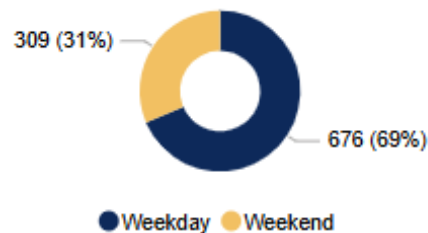
Day Type ● Weekday ● Weekend



Time of Usage (MWh)



Day Type Uses



WA EV NETWORK DASHBOARD

Charge Station Location

WILLIAMS

01/04/2024

Start Date

135.5
Total Usage (MWh)

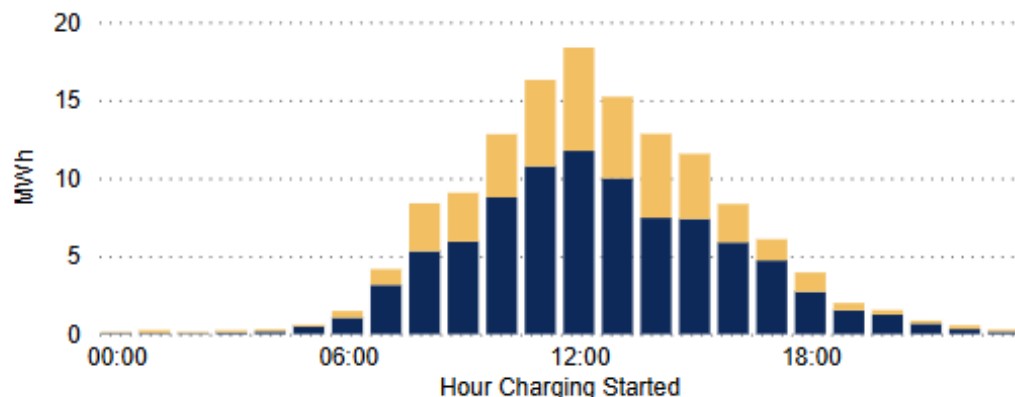
43.2
CO2 Abated (Tons)

36
Average Charge (Mins)

36
Average Charge (kWh)

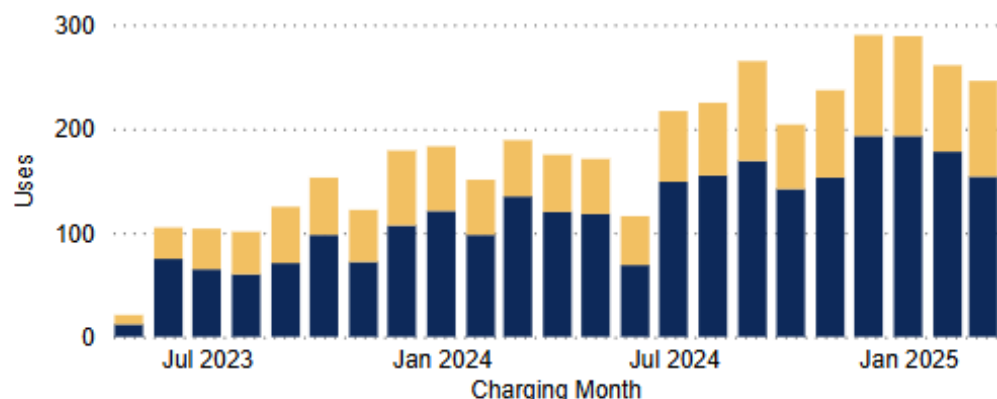
Total Aggregated Usage (MWh) Per Hour

Day Type ● Weekday ● Weekend

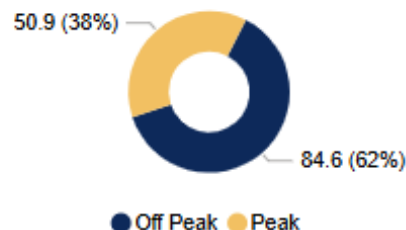


Total Uses Per Month

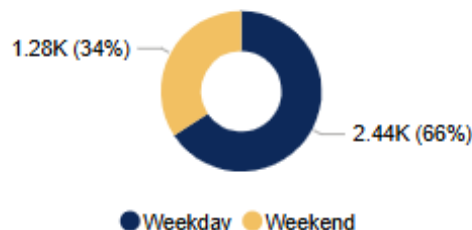
Day Type ● Weekday ● Weekend



Time of Usage (MWh)



Day Type Uses



Synergy Service Area AC Chargers

Total Usage (MWh), Average Charge (kWh), Average Charge (Mins)

BY LOCATION

Location	Total Usage (MWh)	Average Charge (kWh)	Average Charge (Mins)
Brookton	0.1	9	54
Coolgardie	0.1	16	100
Hyden	0.1	21	140
Jerramungup	0.5	41	240
Jurien Bay	1.0	20	126
Kalbarri	0.3	21	149
Kings Park	4.7	14	155
Kojonup	0.1	15	148
Lancelin	0.1	10	119
Manjimup	0.7	16	132
Merredin	0.4	25	172
Northampton	0.2	18	95
Ravensthorpe	0.2	14	83
Southern Cross	0.2	11	67
Walpole	0.4	17	105
Williams	0.2	9	72

Life to date performance of AC chargers at locations where we have them installed

GLOSSARY

Start date: This is the date the charging location first became live or if older than 12 months, it shows 12 months from the end of the published reporting period. For example, it will show 1 April 2024 if the reporting period is to 31 March 2025.

Charge Station Location: This is the site where the charger is located and only includes the DC chargers at that location.

Time of usage: Off Peak time is 9am to 3pm, Peak is any other time

Aggregated usage: Visual to show the demand for charging based on the time the session starts. This is a life-to-date total (to a maximum of 12 months)

AC Charges: Each site has an AC charger as well (except Albany and Geraldton where there are two DC chargers). These chargers are predominantly as backup however it also provides an option for a slower, longer charge at a cheaper rate should customers wish to park up for an extended time. Slide 26 shows performance and utilisation for these AC chargers.

CO2 Abatement: An industry calculation showing how much CO2 has been abated based on recharge consumption for Evs. The amount of CO2 abated is calculated as follows:

- We convert the charge session consumption to kms by multiplying by 6. This varies quite a bit by car type, but 6 kms per kWh is a reasonably conservative number.
- We then take average gCO2 emissions of 182g/km (from <https://greenvehicleguide.gov.au/pages/UnderstandingEmissions/VehicleEmissions>) to get a total gCO2 that would have been emitted if this was a fuel vehicle
- We then multiply that number by the % of green energy we supplied (default of 29.2% used based on <https://opennem.org.au/>)