Switch
To
Electric
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EVCify

Electric Vehicle Charging Solutions

EV Charging Network
Assessment of April 2026 in Türkiye
(The 21th edition)

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Overview

The electric vehicle (EV) charging infrastructure in Türkiye is **expanding rapidly** to accommodate the growing adoption of EVs.

This report comprehensively analyzes **key metrics** related to EV charging stations, the number of sockets, power capacity, sectoral distribution, the number of sold EVs, and growth trends over the past year. **In addition**, it provides detailed insights into the monthly electricity consumption data of charging operators and the overall electricity consumption trends by month, offering a holistic view of how energy demand in the EV charging sector is evolving.

The data presented aims to **benchmark** the state of the EV charging network, compare key milestones, and project future **growth**.

For more information, you can visit our "Data Sharing Platform"

https://data-sharing-web-app.evcify.com

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Executive Summary

- **Demand Surge:** EMRA's **March** 2026 report shows sustained strong demand for EV charging, with **67.547,488 MWh** of electricity consumed in a single month, slightly **higher** than **February's** record.
- **Infrastructure Growth:**
  - By 30th April 2026, the total number of sockets reached **43.065:**
    - **24.520** AC sockets
    - **18.545** DC sockets
  - During April alone, **1.215 new sockets** were added.
  - Boğaziçi Elektrik Dağıtım A.Ş. leads with the **highest** number of installed sockets (**8.045**).
  - BAŞKENT Elektrik Dağıtım A.Ş. holds the **largest** installed power capacity (**433.062,5 kW**).
- **Consumption Split (EMRA-March 2026):**
  - **DC charging accounted for 80,45%** of total electricity consumption.
  - **AC charging accounted for 19,55%.**

Demonstrating the dominance of fast and ultra-fast charging in shaping the market.

Source:

1. **EMRA, Energy Market Regulatory Authority**

Executive Summary

- **Efficiency by Technology:**
  - Slow Socket (≤22kW): **16 EVs per socket**, **1.14 kW/EV**
  - Fast Socket (>22kW, ≤150kW): **40 EVs per socket**, **2.37 kW/EV**
  - Ultra-Fast Socket (>150kW): **47 EVs per socket**, **4.56 kW/EV**

Underlining the strategic importance of **high-power infrastructure**.

- **Market Penetration (TÜİK):**
  - EV sales in March 2026: **14.532 units**
  - Cumulative Jan–Marc 2026 sales: **40.838 units**
  - Total EV stock in Turkey: **395.697 vehicles**
- **Market Penetration (ODMD):**
  - EV sales in March 2026: **15.028 units**
  - Cumulative Jan–Mar 2026 sales: **38.028 units**
  - Total EV stock in Turkey: **408.314 vehicles**
- **Operator Concentration:**
  - In March 2026, **the Top 10 CPOs consumed 43.884 MWh**, representing **66,37%** of total demand.

The market is **highly concentrated among leading operators**, signaling ongoing consolidation.

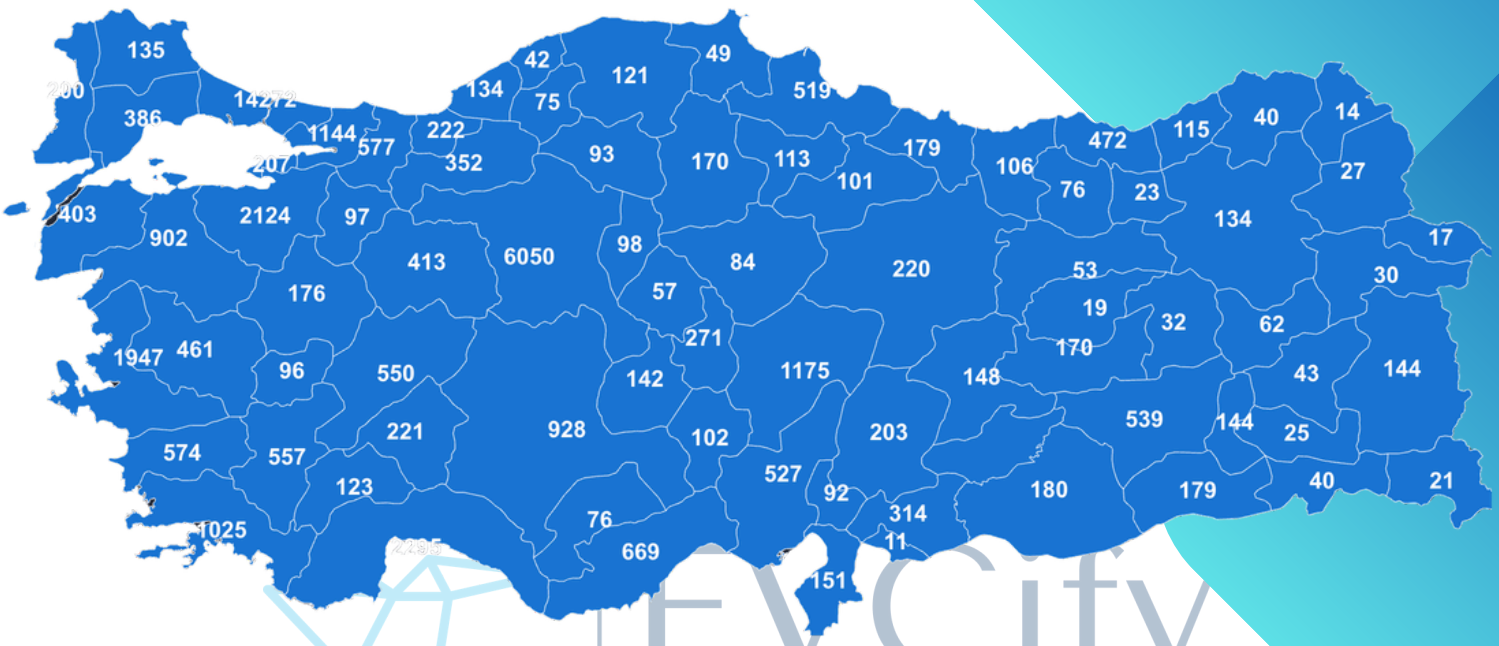
- **Regional Concentration:**
  - In March 2026, the **Top 10 provinces** consumed **48,189 MWh**, covering **71,35%** of total demand.

EV charging demand is still **heavily concentrated in metropolitan areas**, highlighting growth potential in secondary regions.

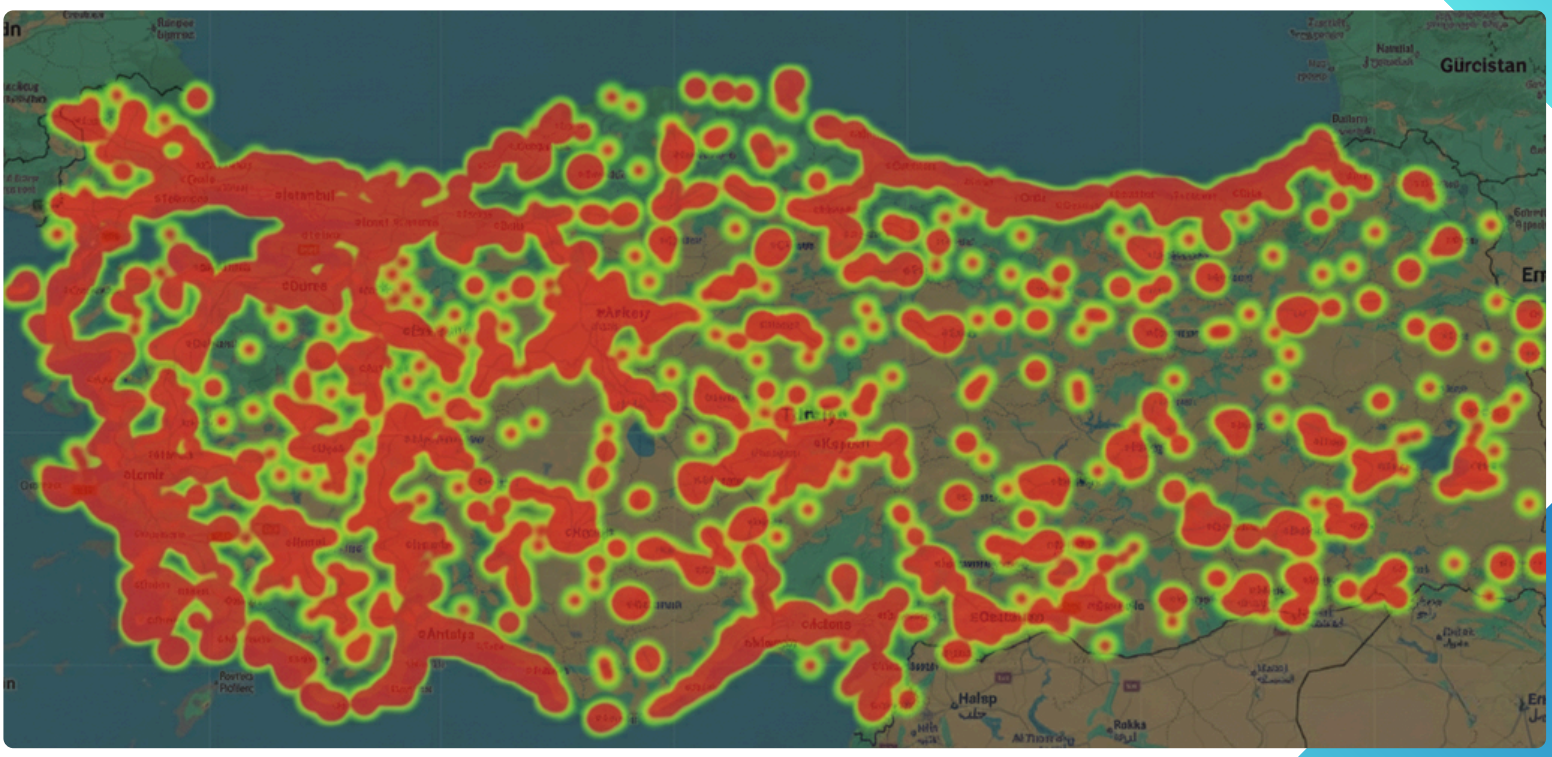
Executive Summary

- **EV and Charging Network Projection:**
  - EPDK's 2026 projection shows that the estimates made in 2024 have been revised upward, especially on the **number of electric vehicles.**
  - In the 2024 projection, **361,893 electric vehicles** were forecast for 2025 under the high scenario. By the end of 2025, the actual number of electric vehicles reached **373,733.** Therefore, expectations were revised upward in the 2026 projection: the 2030 medium-scenario electric vehicle forecast increased from **1,321,932 to 2,295,927**, while the 2035 forecast increased from **3,307,577 to 5,629,051.**
  - On the socket side, the projection was made more optimized. In the 2024 projection, the 2030 medium-scenario total socket forecast was **142,824**, while in the 2026 projection this figure was updated to **127,051**. For 2035, the medium-scenario total socket forecast was revised from **273,076 to 199,174.**

Map & HeatMap



Number of Total AC/DC Sockets



Heatmap

EV and Charging Network Projection

Updated, April 2026 Number of EVs

Year	Low Scenario	Medium Scenario	High Scenario
2025	**202.030**	**269.154**	**361.893**
2030	**776.362**	**1.321.932**	**1.679.600**
2035	**1.779.488**	**3.307.577**	**4.214.273**
2040	-	-	-

April 2024
Number of EVs

Year	Low Scenario	Medium Scenario	High Scenario
2025	**202.030**	**269.154**	**361.893**
2030	**1.318.043**	**2.295.927**	**2.768.970**
2035	**2.773.899**	**5.629.051**	**7.024.525**
2040	**4.976.259**	**10.595.970**	**13.068.521**

April 2026
Number of EVs

Source:
1. **EMRA, Energy Market Regulatory Authority**

EV and Charging Network Projection

Updated, April 2026 Number of Sockets

Year	Low Scenario	Medium Scenario	High Scenario
2025	34.278	46.070	61.897
2030	83.543	142.824	181.274
2035	146.916	273.076	347.934
2040	-	-	-

April 2024
Number of Sockets

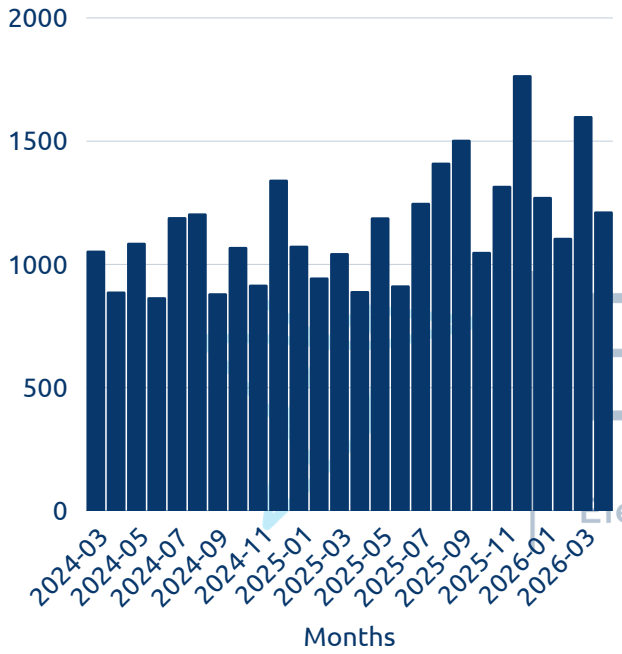
Year	Low Scenario	Medium Scenario	High Scenario
2025	202.030	269.154	361.893
2030	72.937	127.051	153.229
2035	98.149	199.174	248.550
2040	154.066	328.054	404.605

April 2026
Number of Sockets

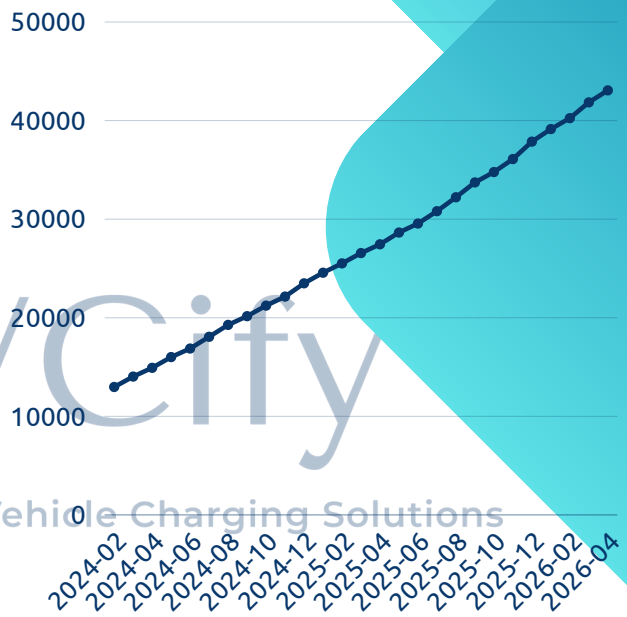
Source:
1. **EMRA, Energy Market Regulatory Authority**

Number of Sockets in Türkiye

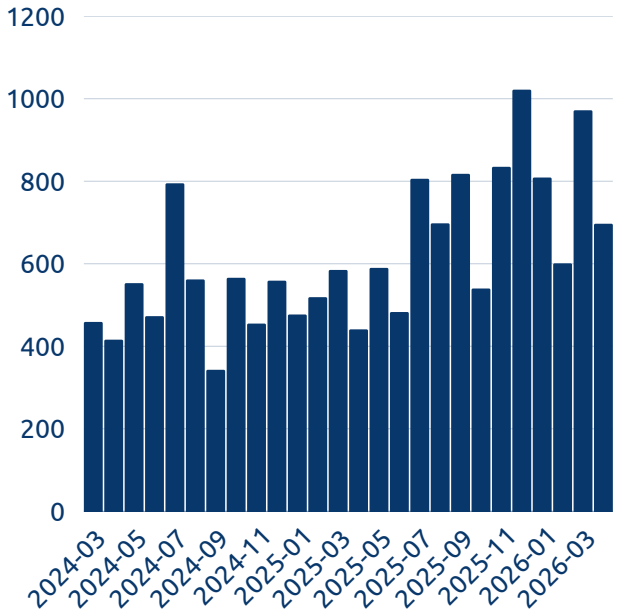
Total Socket Power (GW)	Total Number of Sockets	Total Number of AC Sockets	Total Number of DC Sockets
3.299	43.065	24.520	18.545



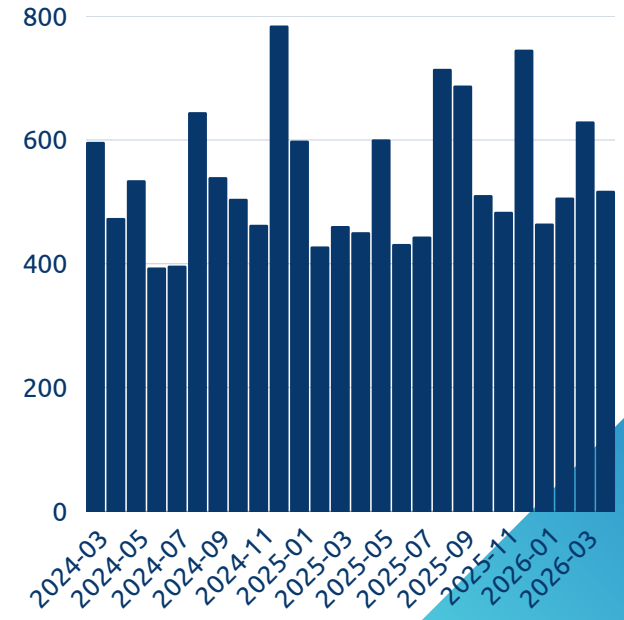
Number of Total Sockets



Cumulative Number of Total Sockets



Number of AC Sockets

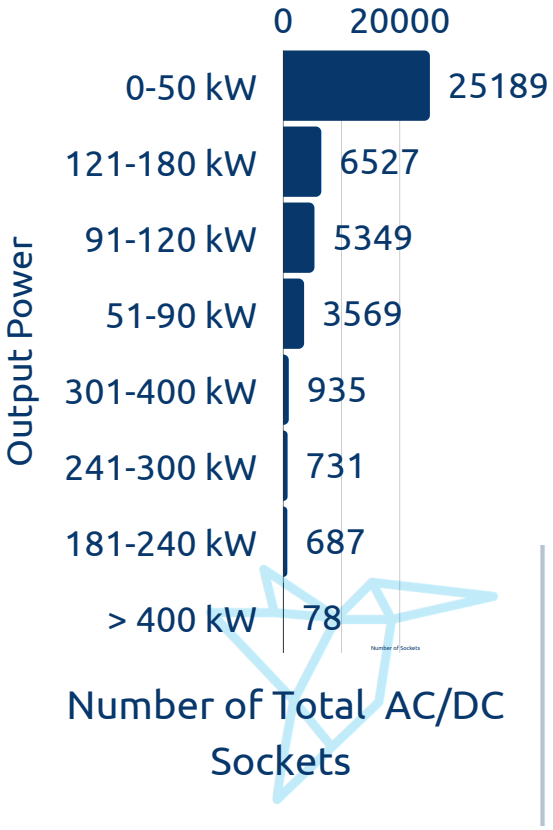


Number of DC Sockets

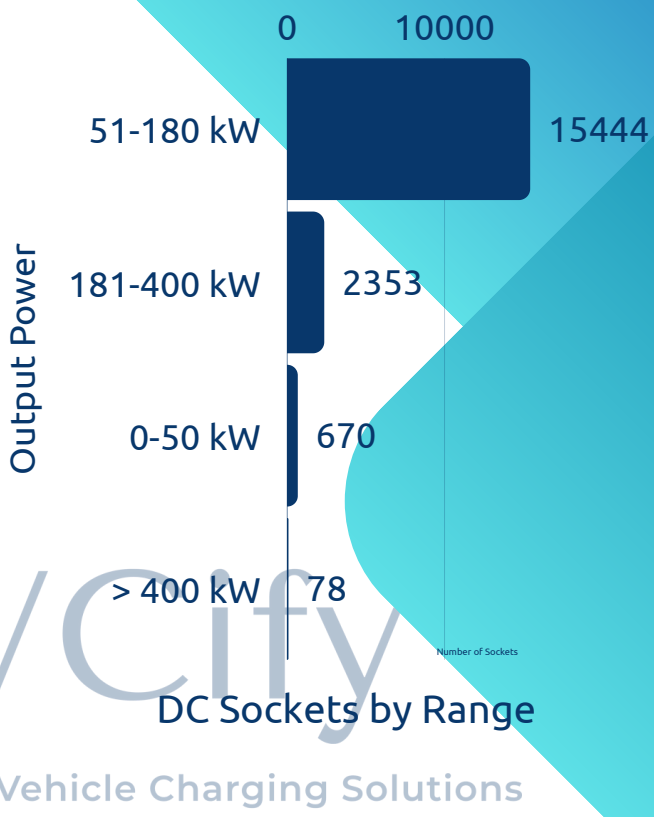
Source:

1. **EMRA, Energy Market Regulatory Authority**

Range of Sockets by Power in Türkiye



Number of Total AC/DC Sockets



DC Sockets by Range

	Slow Socket (<= 22kW)	Fast Socket (> 22kW, <=150kW)	Ultra Fast Socket (>150kW)
Number of EVs per Socket	**16**	**40**	**47**
Output Power (kW) per EV	**1.14**	**2.37**	**4.56**

Number of Sockets & Output Power per EV

Source:

1. **EMRA, Energy Market Regulatory Authority**

EV Charging Infrastructure Annual Change

	April 2025	April 2026	Annual Change (%)
Total Socket Power (GW)	2.02	3.29	62,8%
Total AC Socket Power (GW)	0.30	0.47	56,6%
Total DC Socket Power (GW)	1.72	2.82	63,9%
Total Number of Sockets	27.453	43.065	56,8%
Total Number of AC Sockets	15.649	24.520	56,6%
Total Number of DC Sockets	11.804	18.545	57,1%

Benchmark Number of Sockets /Output Power by Years

Source:
1. EMRA, Energy Market Regulatory Authority

Number of EVs in Türkiye

TÜİK, Turkish Statistical Institute

408.314

Total Number of EVs

40.838

January-March 2026 EVs

14.532

March 2026 EVs

9

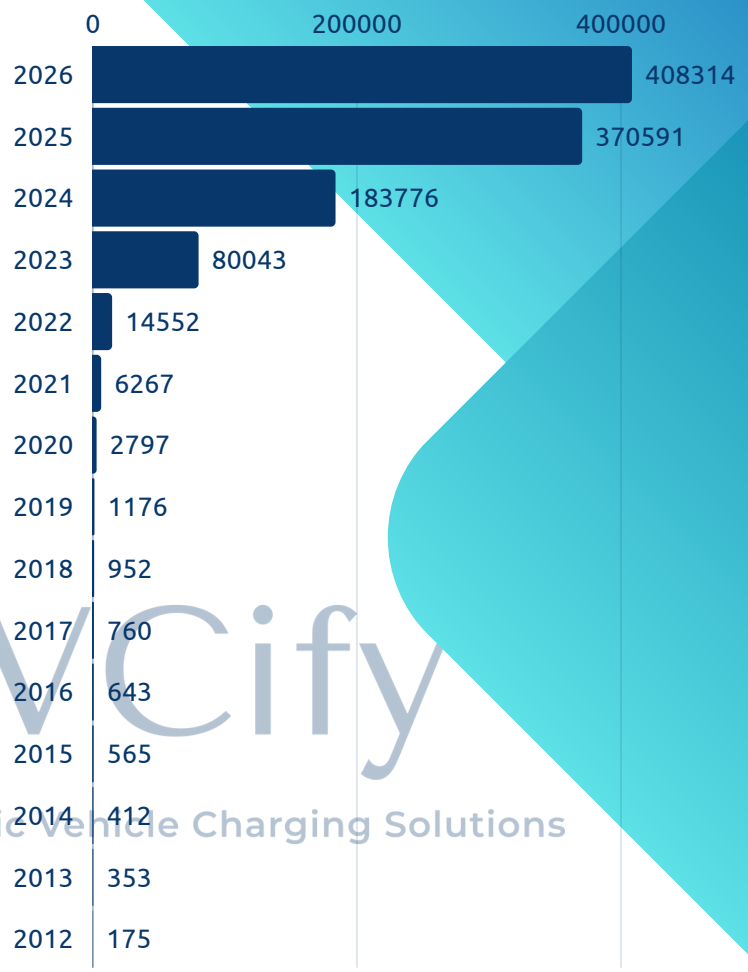
Number of EVs per Total Socket

16

Number of EVs per AC Socket

22

Number of EVs per DC Socket



Number of EVs by Years

March				January-March			
2025		2026		2025		2026	
Number	Market Share%	Number	Market Share%	Number	Market Share%	Number	Market Share%
12.221	**12,9**	**14.532**	**18,1**	**34.484**	**12,9**	**40.838**	**18,2**

Benchmark Number of EVs by Years

Source:

1. **Tüik, Turkish Statistical Institute**
2. **PEV is not included**

Number of EVs in Türkiye

ODMD-Automotive Distributors & Mobility Association

413.351

Total Number of EVs

38.028

January-March 2026 EVs

15.028

March 2026 EVs

9,8

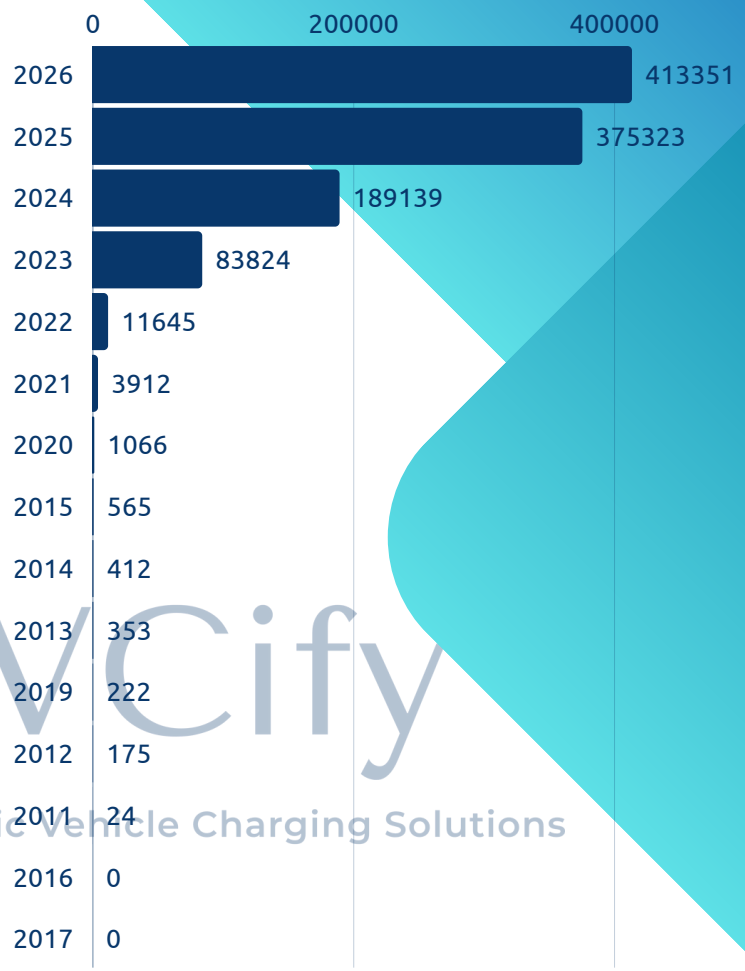
Number of EVs per Total Socket

17,2

Number of EVs per AC Socket

22,8

Number of EVs per DC Socket



Number of EVs by Years

January				January-March			
2025		2026		2025		2026	
Number	Market Share%	Number	Market Share%	Number	Market Share%	Number	Market Share%
12.683	**13,8**	**15.028**	**18,8**	**29.078**	**13**	**38.028**	**18**

Benchmark Number of EVs by Years

Source:

1. **ODMD-Automotive Distributors & Mobility Association**

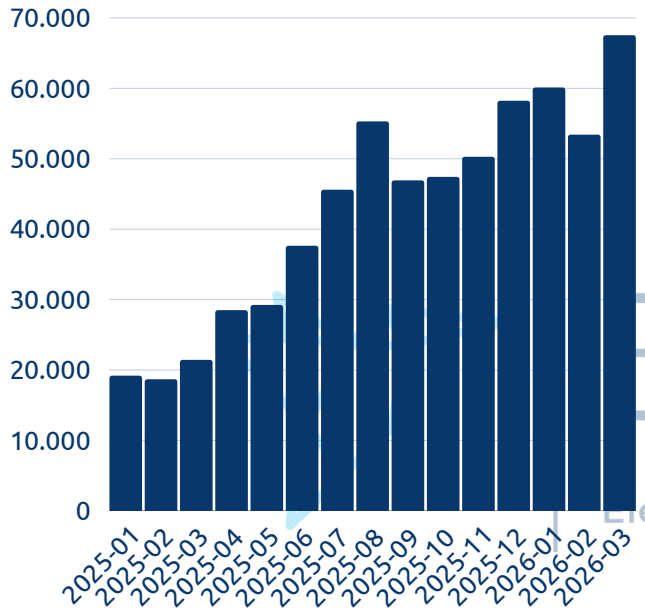
Electricity Consumption & Sessions

Monthly & Cumulative

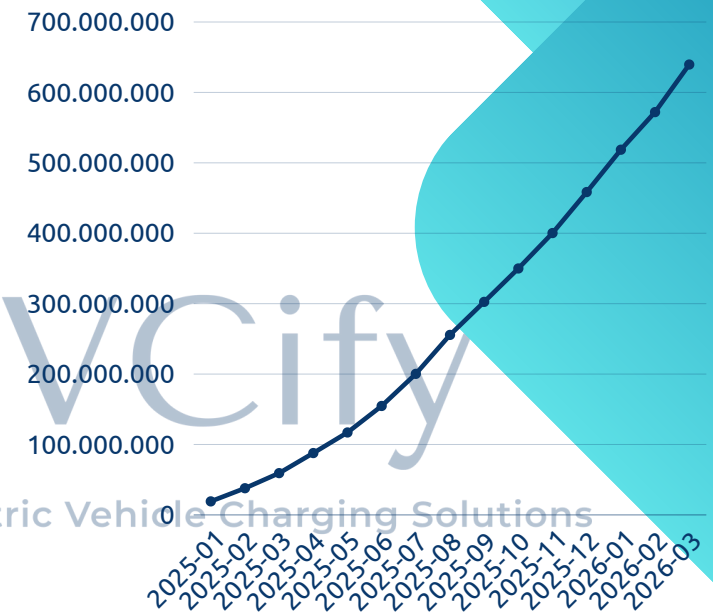
639.611

28.622.770

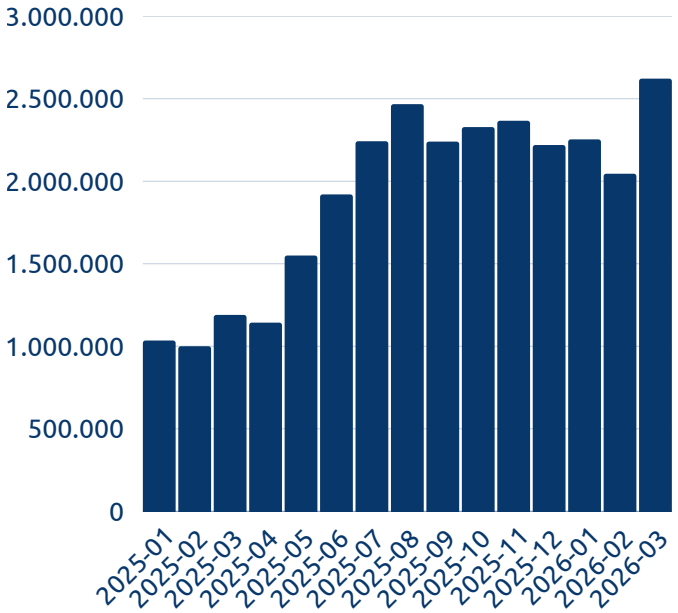
Total Electricity Consumption (MWh)



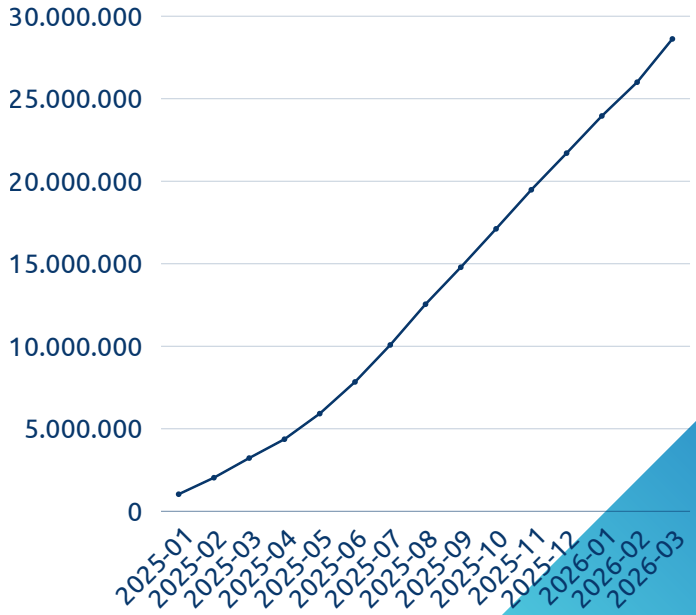
Total Charging Sessions



Electricity Consumption (kWh)



Cumulative Electricity Consumption (kWh)



Charging Sessions

Cumulative Charging Sessions

Source:

1. **EMRA, Energy Market Regulatory Authority**

Charging Service Data

March 2026 (AC vs DC)

Metric	AC	DC	Share (AC)	Share (DC)
Total Electricity Consumption (kWh)	13.203.484	54.344.005	19,55%	80,45%
Total Charging Time (minutes)	108.749.880	73.722.720	59,60%	40,40%
Total Charging Sessions	718.076	1.903.644	27,39%	72,61%
Consumption per Session (kWh/session)	18,39	28,55	-	-
Time per Session (minutes/session)	151,45	38,73	-	-

Source:

1. **EMRA, Energy Market Regulatory Authority**

Electricity Consumption

Monthly, 2026

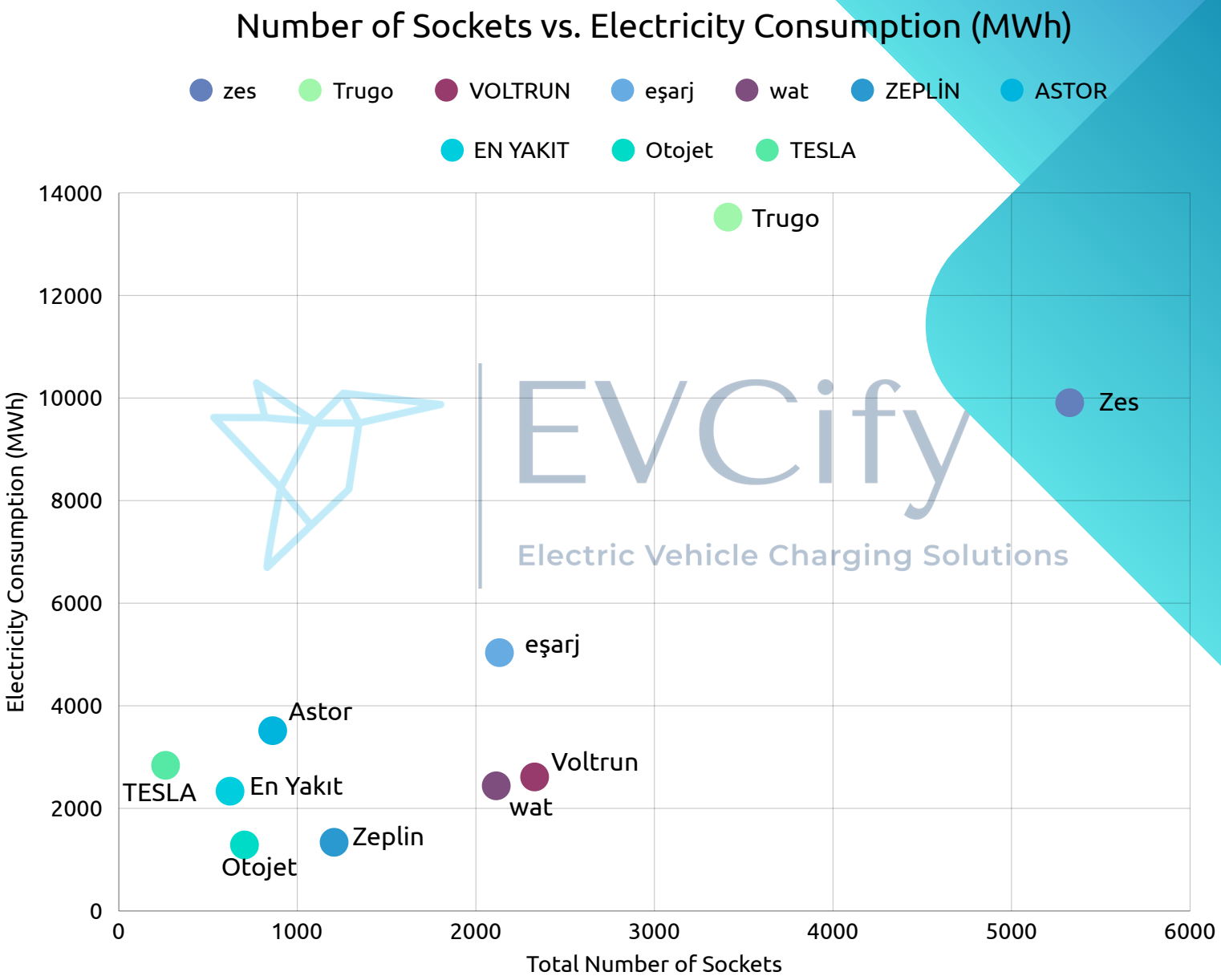
	February	March	Monthly Change (%)
Total Charging Sessions	2.045.509	2.621.720	28,16%
Total Electricity Consumption (MWh)	53.423,951	67.547,488	26,43%
Charging Consumption per Session (kWh/session)	26,12	25,76	1,37%
Total Charging Time (hours)	2.514.519	3.041.210	20,94%
Charging Time per Session (hours/session)	1,23	1,16	5,69%

Monthly Charging Sessions and Consumption Comparison

Source:
1. EMRA, Energy Market Regulatory Authority

Electricity Consumption (MWh)

Scatter Plot Graph for March 2026



Source:

1. **EMRA, Energy Market Regulatory Authority**

Electricity Consumption (MWh) & Share (%) by CPOs

for March 2026

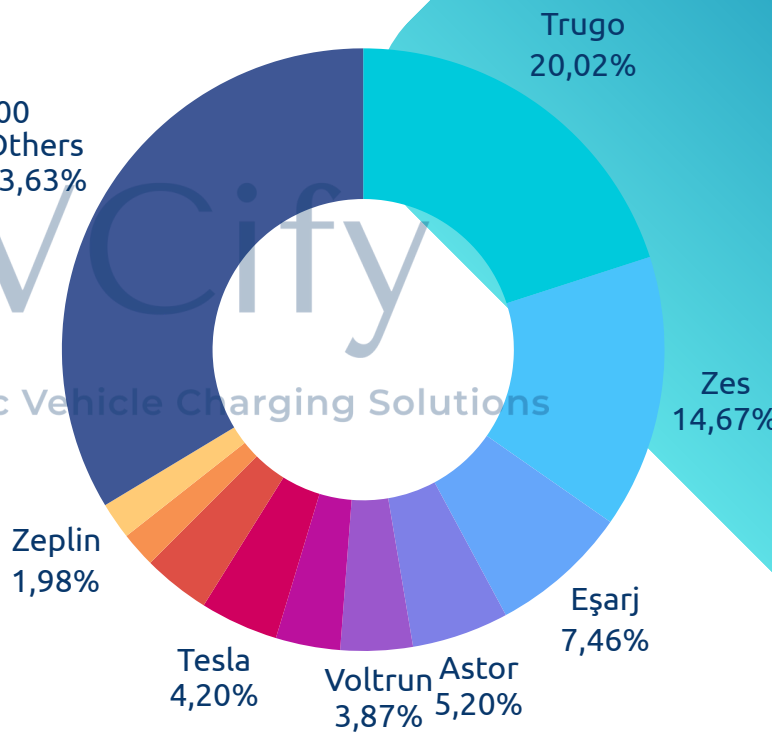
43.884 MWh

Top 10 CPOs
Total Consumption (MWh)

Total Electricity Consumption (MWh) by CPOs

66,37%

Top 10 CPOs
Total Consumption Share



Total Consumption Share (%) by CPOs

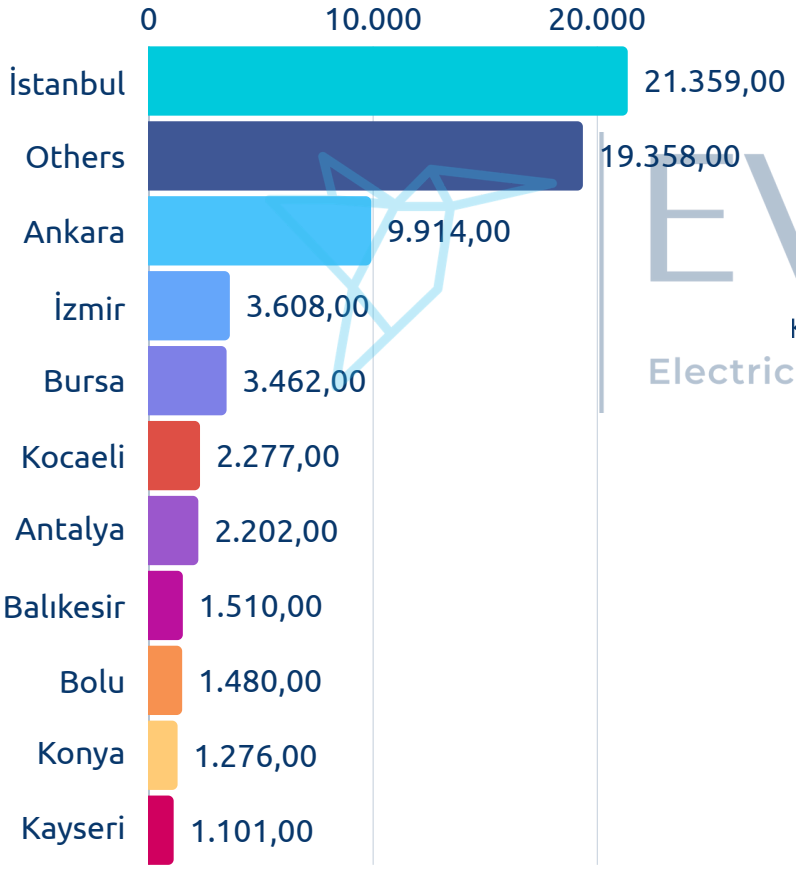
Source:
1. **EMRA, Energy Market Regulatory Authority**

Electricity Consumption (MWh) & Share (%) by Cities

for March 2026

48.189 MWh

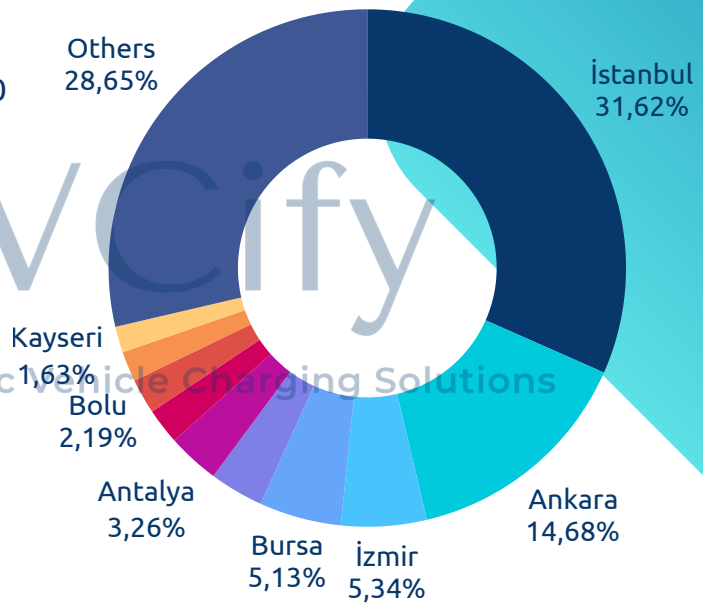
Top 10 Cities
Total Consumption (MWh)



Consumption Share (%) by Cities

71,35%

Top 10 Cities
Total Consumption Share



Consumption Share (%) by Cities

Source:
1. **EMRA, Energy Market Regulatory Authority**

Monthly Consumption Data (kWh)

Between January and December, 2026

Month	Total Charging Sessions	Total Electricity Consumption (MWh)	Charging Consumption per Session (kWh/session)
January	2.253.661	60.124,282	26,68
February	2.045.509	53.423,951	26,12
March	2.621.720	67.547,488	25,76
April			
May			
June			
July			
August			
September			
October			
November			
December			

Source:

1. EMRA, Energy Market Regulatory Authority

Monthly Charging Service Data

Between January and December, 2026

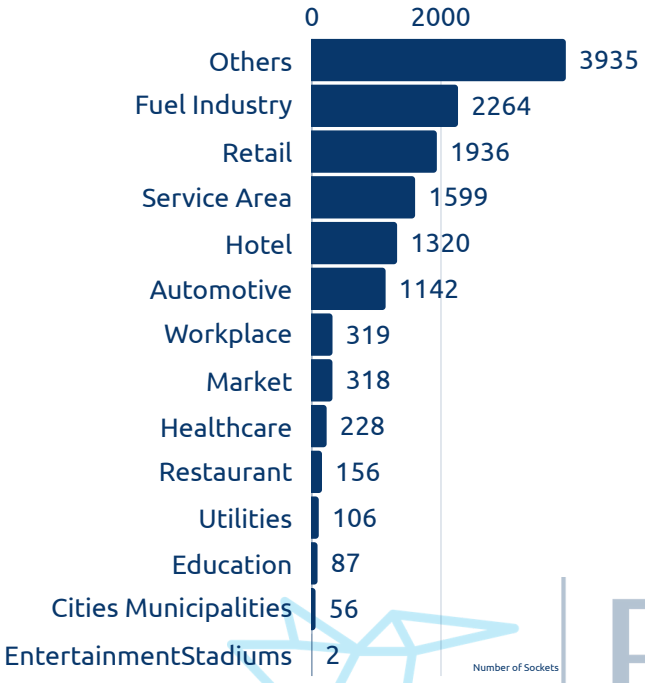
Month	Total Charging Sessions	Total Charging Time (hours)	Charging Time per Session (hours/session)
January	2.253.661	2.787.344	1,24
February	2.045.509	2.514.519	1,23
March	2.621.720	3.041.210	1,16
April			
May			
June			
July			
August			
September			
October			
November			
December			

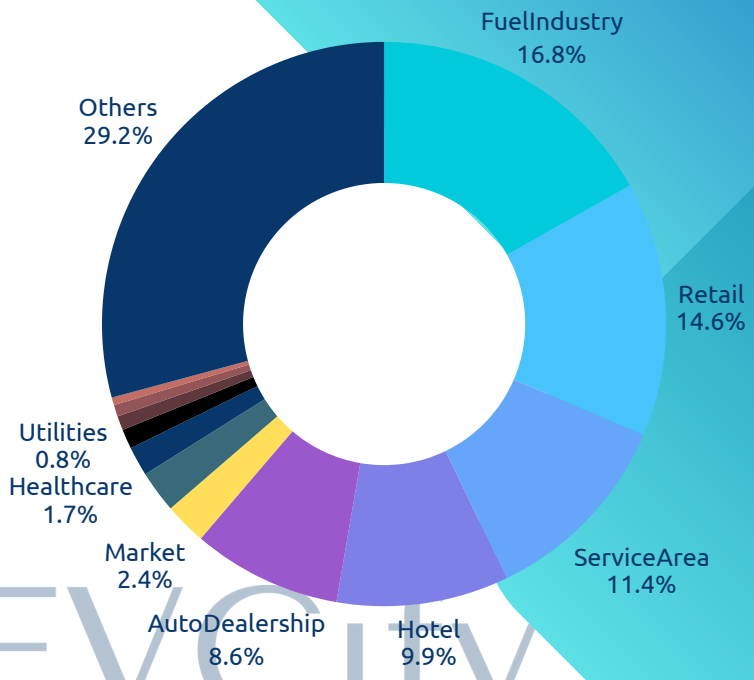
Source:

1. **EMRA, Energy Market Regulatory Authority**

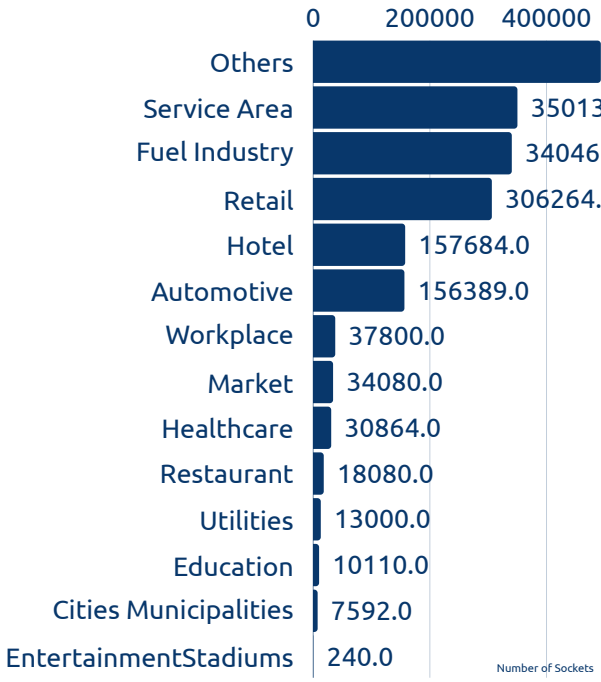
Installed DC Sockets By Sectors

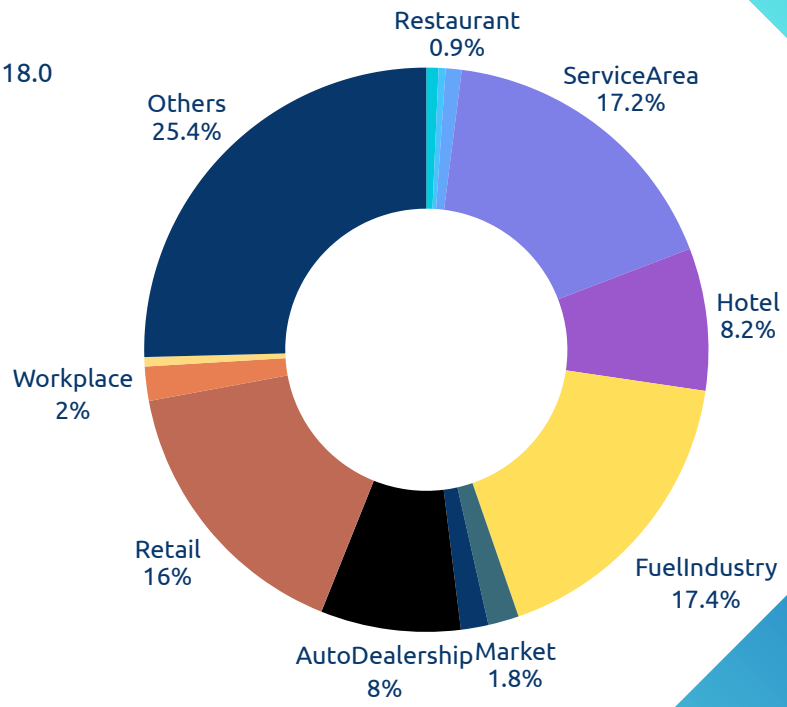
Not updated this month, data is for June 2025





Number of Sockets



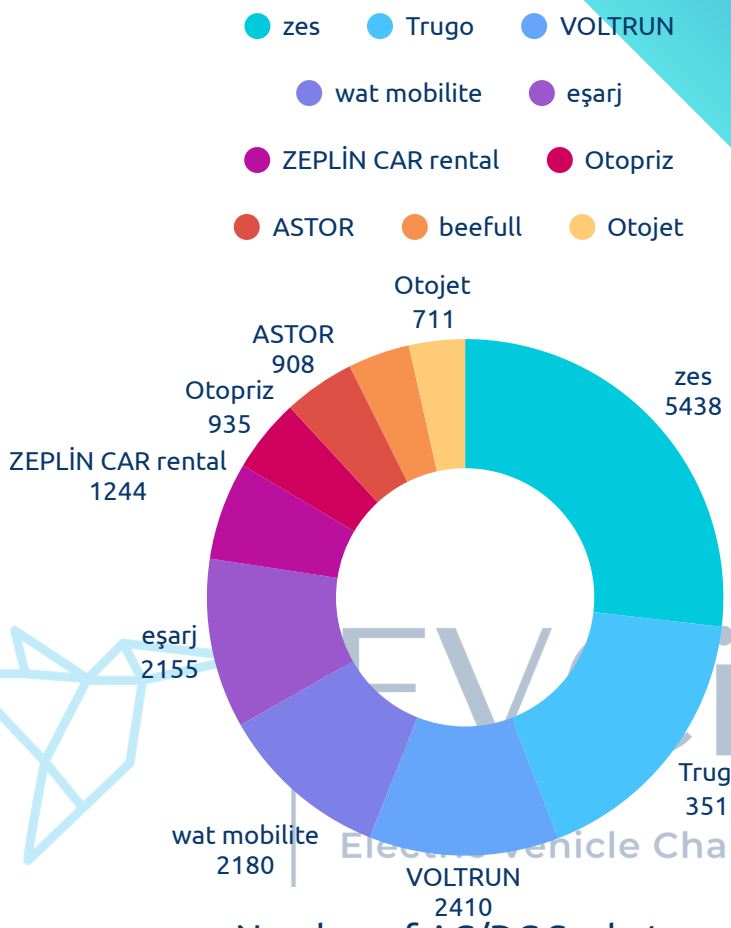


Output Power of Sockets (kW)

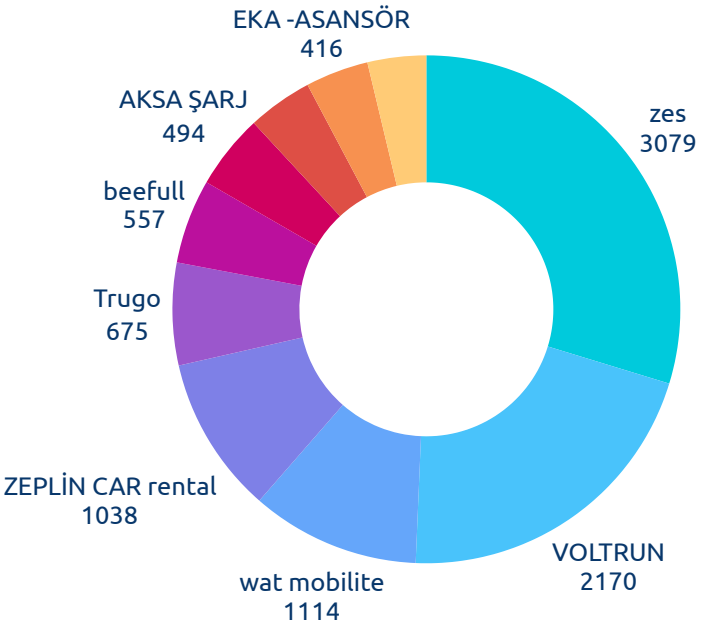
Source:

1. **EMRA, Energy Market Regulatory Authority**

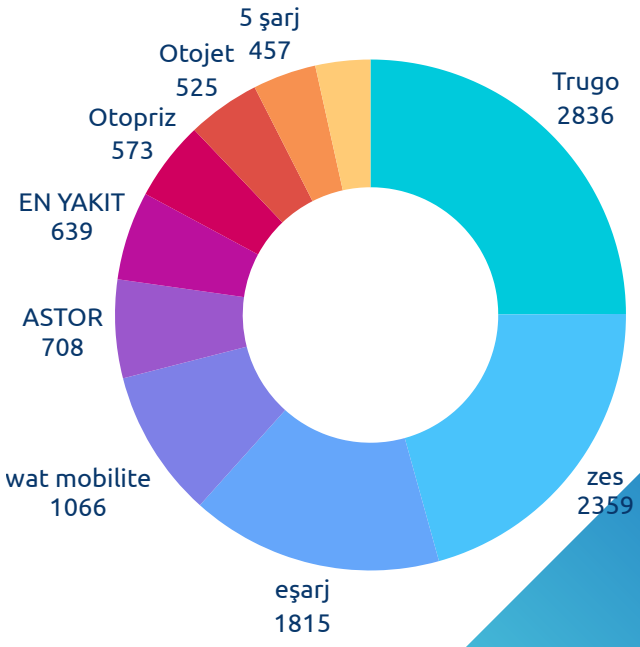
Top 10 CPOs with the Highest Number of Sockets



Number of AC/DC Sockets



Number of AC Sockets

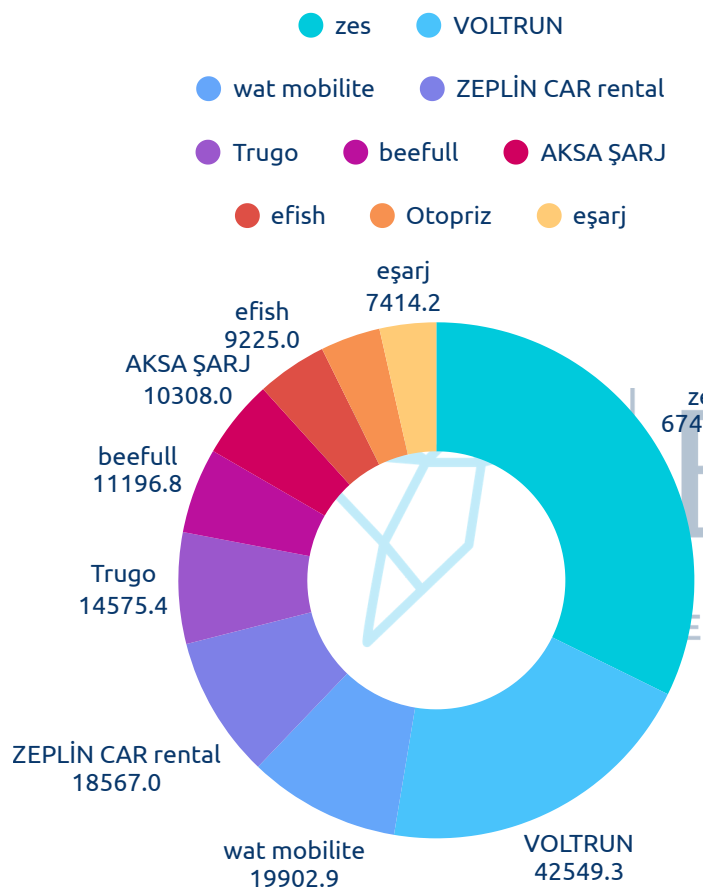


Number of DC Sockets

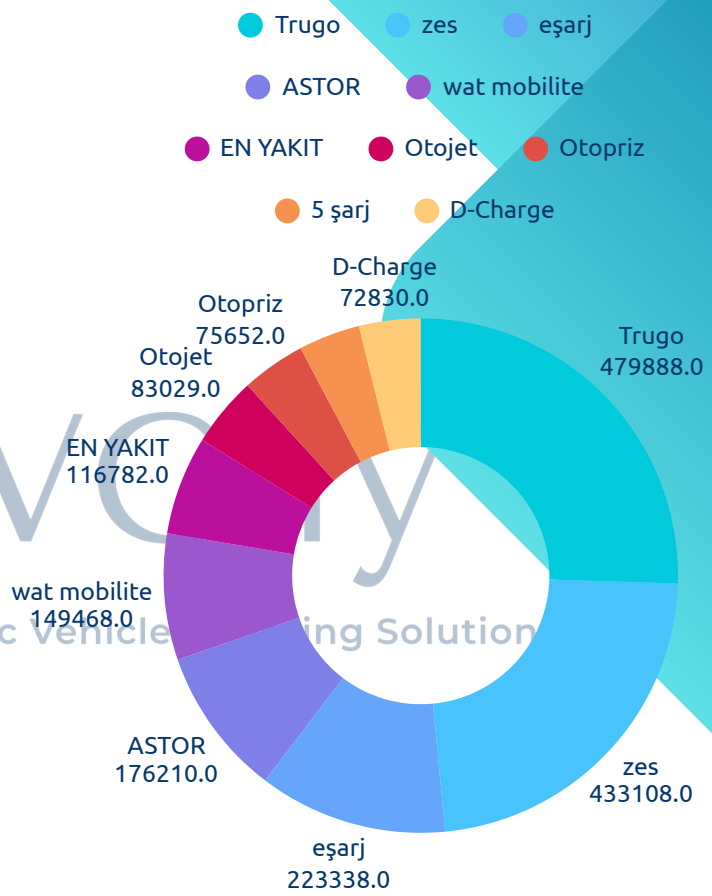
Source:

1. **EMRA, Energy Market Regulatory Authority**

Top 10 CPOs with the Highest Output Power of Sockets



Top 10 CPOs with the Highest Output Power of AC Sockets (kW)

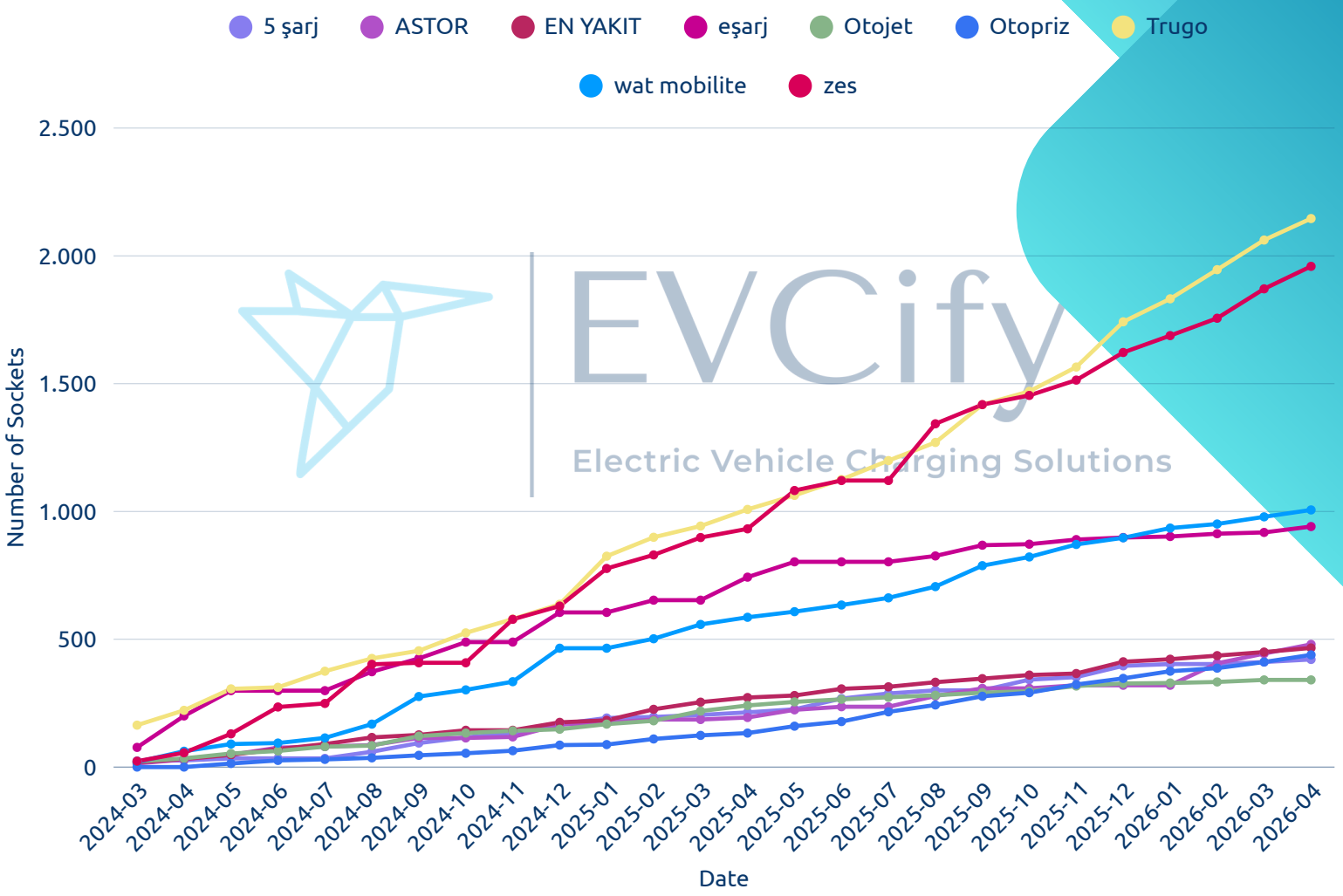


Top 10 CPOs with the Highest Output Power of DC Sockets (kW)

Source:

1. **EMRA, Energy Market Regulatory Authority**

DC Socket Investments of Leader 10 CPOs

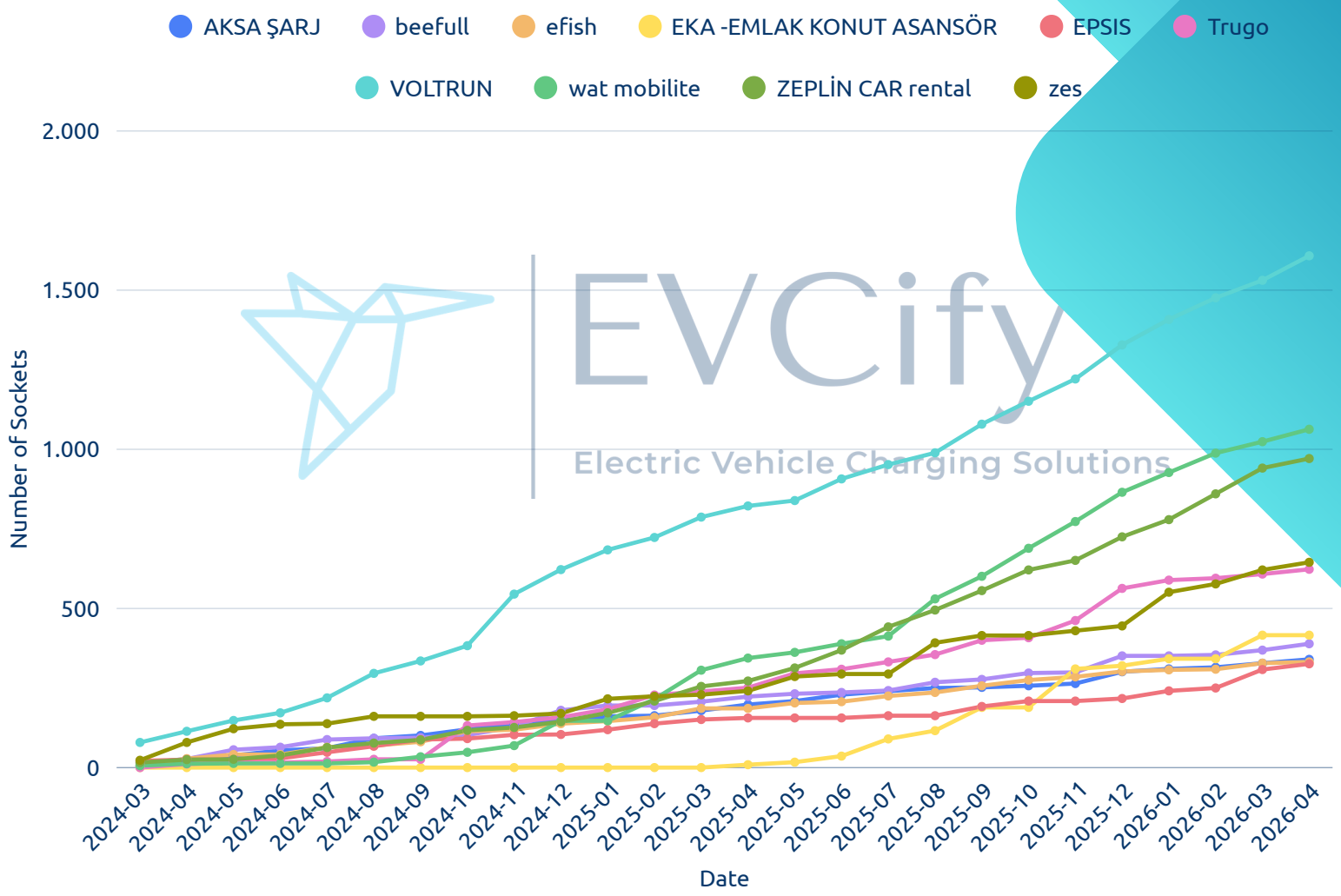


Last 25 months (2024-03-01, 2026-04-30)

Source:

1. **EMRA, Energy Market Regulatory Authority**

AC Socket Investments of Leader 10 CPOs

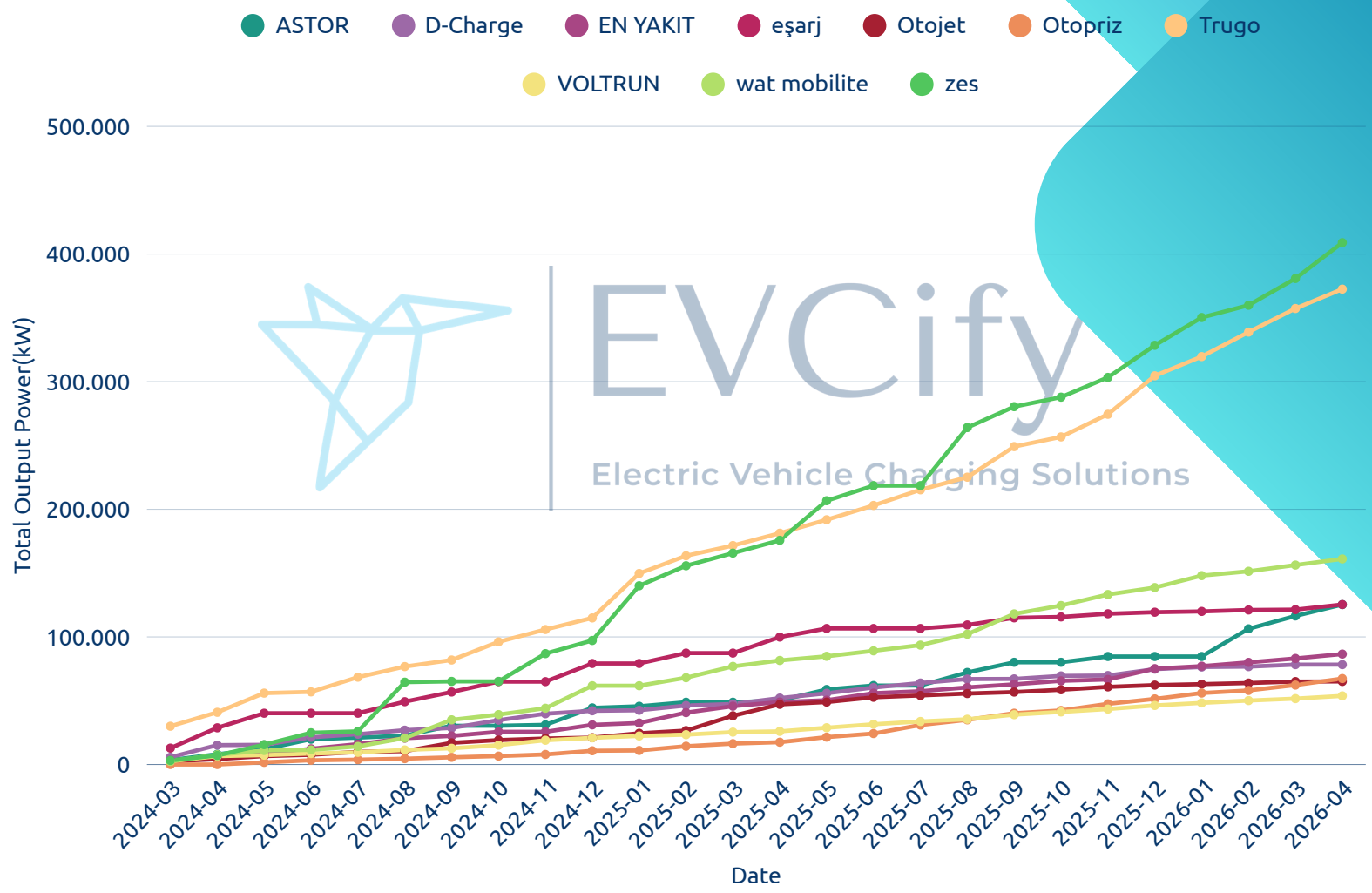


Last 25 months (2024-03-01, 2026-04-30)

Source:

1. **EMRA, Energy Market Regulatory Authority**

Total Output Power(kW) Installed in AC/DC Socket of Leader 10 CPOs



Last 25 months (2024-03-01, 2026-04-30)

Source:

1. **EMRA, Energy Market Regulatory Authority**

AC Socket Market Share

Top 5 Charging Point Operators

24.520	8.076	32,93%
Total Number of AC Sockets	**Top 5 CPOs**	**Market Share (%)**

CPO	Number of Sockets	Market Share (%)
zes	3.079	12,56
VOLTRUN	2.170	8,85
wat mobilite	1.114	4,54
ZEPLİN CAR rental	1.038	4,23
Trugo	675	2,75

Kaynak:

1. **EMRA, Energy Market Regulatory Authority**

DC Socket Market Share

Top 5 Charging Point Operators

18.545	8.784	47,3%
Total Number of DC Sockets	**Top 5 CPOs**	**Market Share (%)**

CPO	Number of Sockets	Market Share (%)
Trugo	2.836	15,29
zes	2.359	12,72
eşarj	1.815	9,79
wat mobilite	1.066	5,75
ASTOR	708	3.82

Kaynak:

1. **EMRA, Energy Market Regulatory Authority**

AC/DC Socket Market Share

Top 5 Charging Point Operators

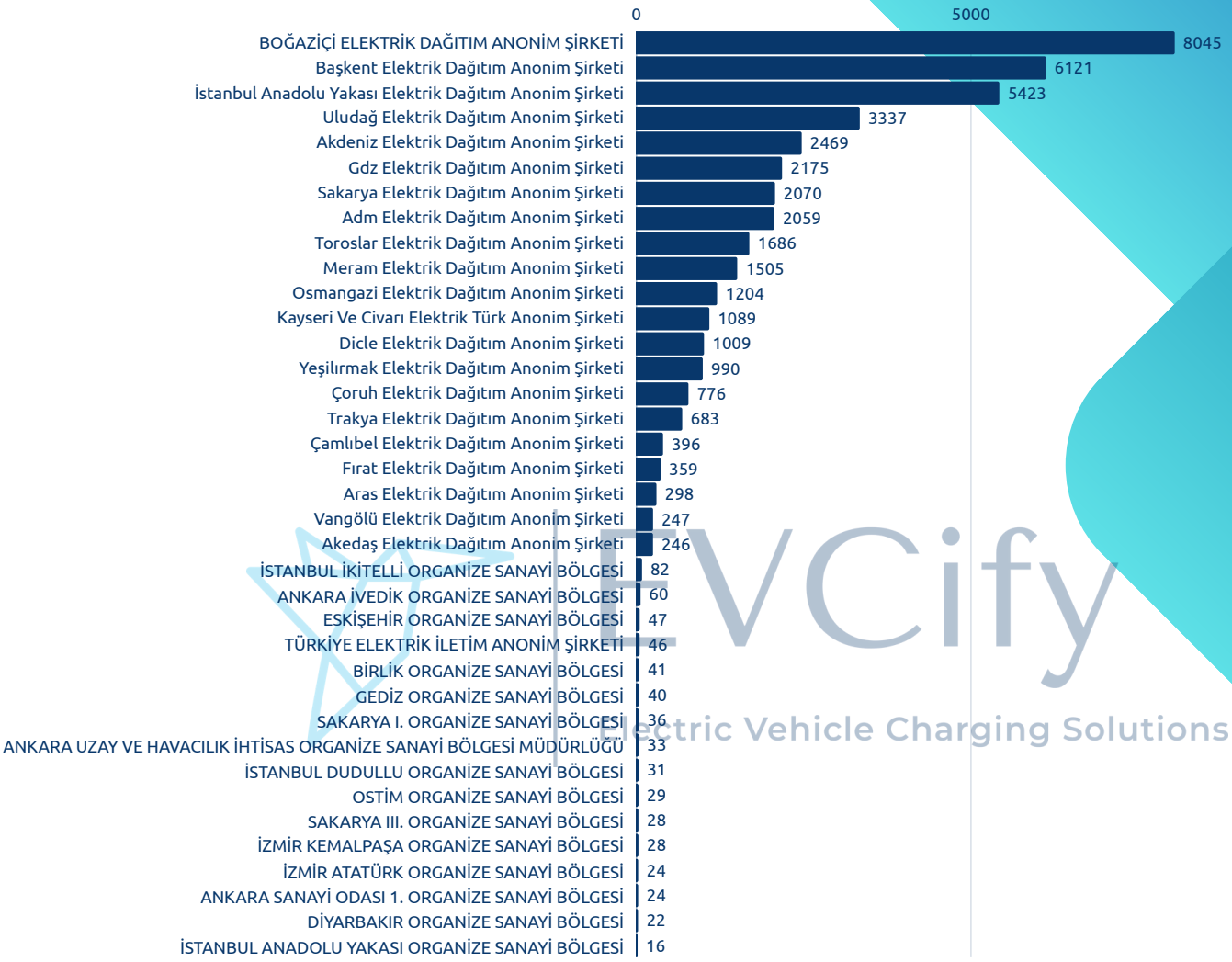
43.065	15.694	36,44%
Total Number of AC/DC Sockets	**Top 5 CPOs**	**Market Share (%)**

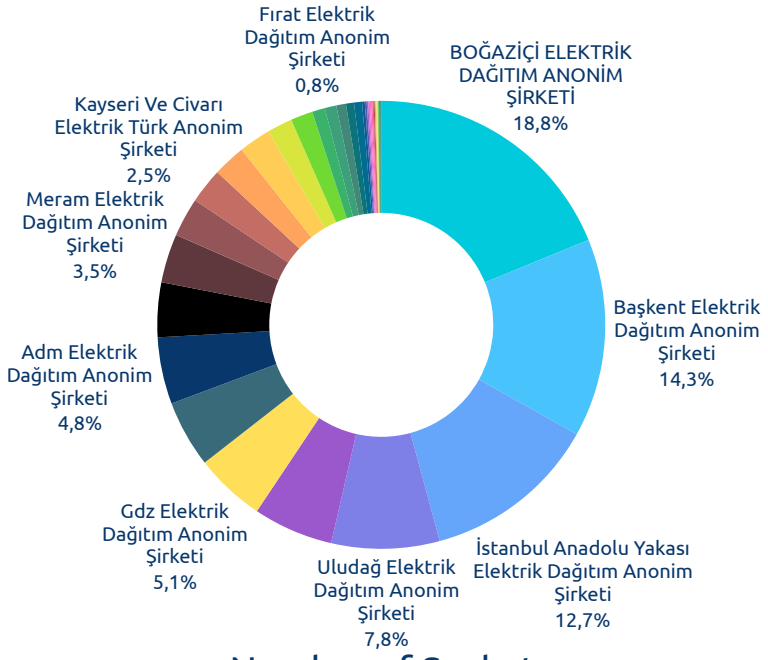
CPO	Number of Sockets	Market Share (%)
zes	5.438	12,63
Trugo	3.511	8,15
VOLTRUN	2.410	5,60
wat mobilite	2.180	5,06
eşarj	2155	5.00

Kaynak:

1. **EMRA, Energy Market Regulatory Authority**

Number of Sockets By Electricity Energy Distribution Regions

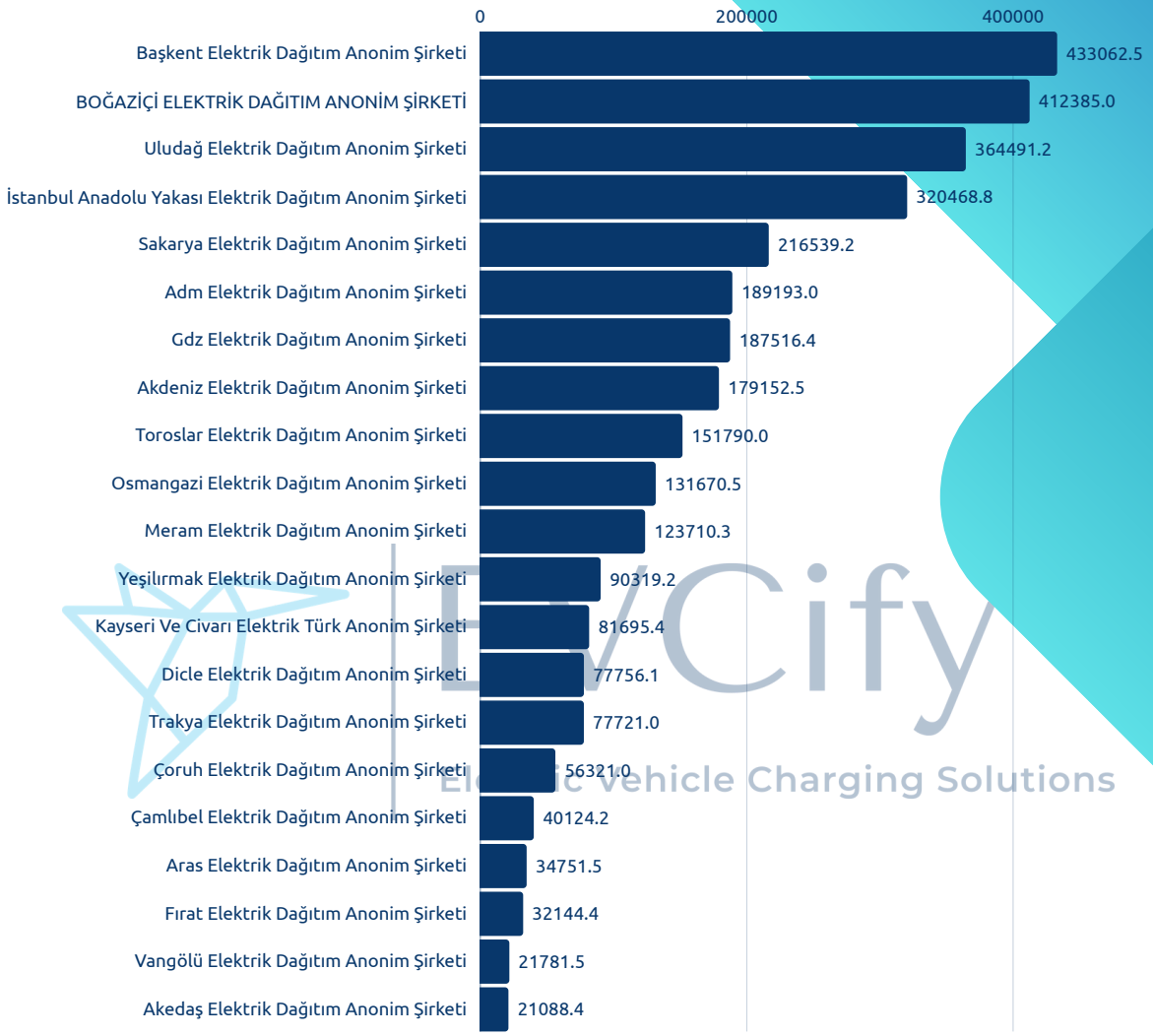


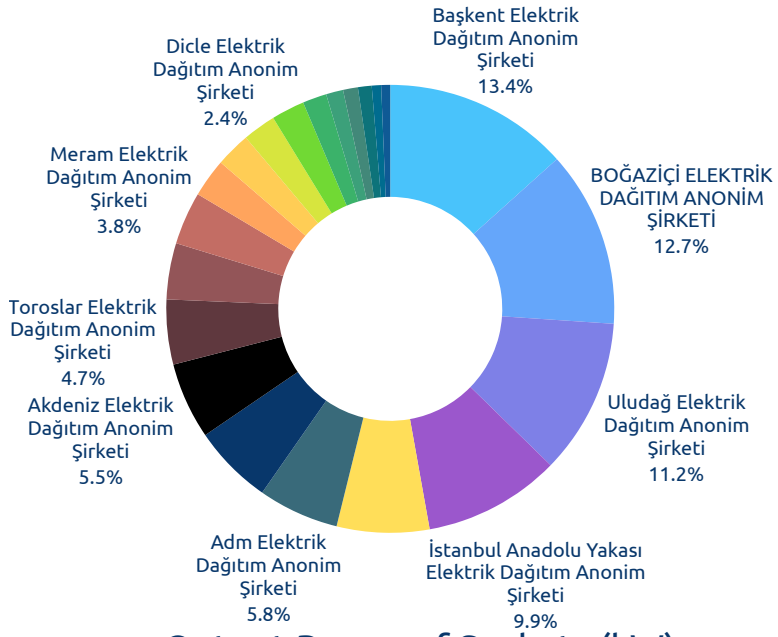


Source:

1. **EMRA, Energy Market Regulatory Authority**

Output Power of Sockets (kW) by Electricity Energy Distr. Regions





Output Power of Sockets (kW)

Source:

1. **EMRA, Energy Market Regulatory Authority**

Number of Socket Counts for 30 CPOs

	CPO	Number of AC Sockers	Number of DC Sockers	Number of AC/DC Sockers
1	zes	3079	2359	5438
2	Trugo	675	2836	3511
3	VOLTRUN	2170	240	2410
4	wat mobilite	1114	1066	2180
5	eşarj	340	1815	2155
6	ZEPLİN CAR rental	1038	206	1244
7	Otopriz	362	573	935
8	ASTOR	200	708	908
9	beefull	557	227	784
10	Otojet	186	525	711
11	AKSA ŞARJ	494	196	690
12	D-Charge	292	371	663
13	EN YAKIT	0	639	639
14	K-ŞARJ	286	291	577
15	oncharge	176	395	571

Number of Socket Counts

Source:
1. **EMRA, Energy Market Regulatory Authority**

Number of Socket Counts for 30 CPOs

	CPO	Number of AC Sockers	Number of DC Sockers	Number of AC/DC Sockers
16	efish	429	106	535
17	5 şarj	66	457	523
18	EPSIS	387	84	471
19	NEVA ŞARJ	246	212	458
20	tunçmatik	250	203	453
21	EKA -EMLAK KONUT ASANSÖR	416	34	450
22	EKA ENERJİ	344	32	376
23	otoWATT	218	135	353
24	ovolt	69	276	345
25	SHELL	45	289	334
26	SHARZ.NET	260	61	321
27	solarşarj	240	49	289
28	MAGIC LINE	257	30	287
29	TOGER	247	24	271
30	TESLA	0	262	262

Number of Socket Counts

Source:

1. **EMRA, Energy Market Regulatory Authority**

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