Switch
To
Electric
Vehicle

EVCify

Electric Vehicle Charging Solutions

EV Charging Network
Assessment of March 2026 in Türkiye
(The 20th edition)

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To a sustainable green world

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Teknopark Ankara/Türkiye

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 **February** 2026 report shows sustained strong demand for EV charging, with **53.423,951 MWh** of electricity consumed in a single month, slightly **lower** than **January's** record.
- **Infrastructure Growth:**
  - By 31th March 2026, the total number of sockets reached **42.010:**
    - **23.945** AC sockets
    - **18.065** DC sockets
  - During March alone, **1.624 new sockets** were added.
  - Boğaziçi Elektrik Dağıtım A.Ş. leads with the **highest** number of installed sockets (**7.876**).
  - BAŞKENT Elektrik Dağıtım A.Ş. holds the **largest** installed power capacity (**423.069,9 kW**).
- **Consumption Split (EMRA-February 2026):**
  - **DC charging accounted for 78,55%** of total electricity consumption.
  - **AC charging accounted for 21,45%.**

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, 1.15 kW/EV**
  - Fast Socket (>22kW, ≤150kW): **41 EVs per socket, 2.40 kW/EV**
  - Ultra-Fast Socket (>150kW): **47 EVs per socket, 4.52 kW/EV**

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

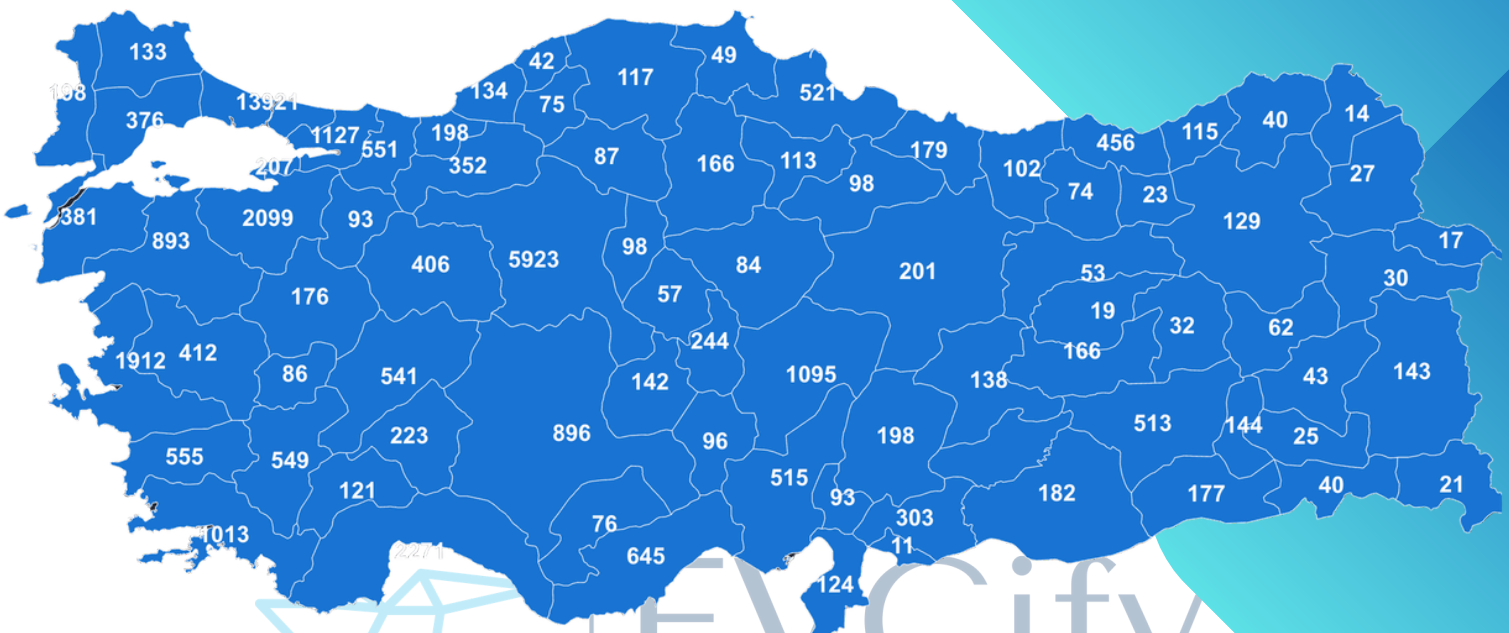
- **Market Penetration (TÜİK):**
  - EV sales in February 2026: **11.011 units**
  - Cumulative Jan–Feb 2026 sales: **26.306 units**
  - Total EV stock in Turkey: **395.697 vehicles**
- **Market Penetration (ODMD):**
  - EV sales in March 2026: **15.028 units**
  - Cumulative Jan–Mar 2026 sales: **38.028 units**
  - Total EV stock in Turkey: **413.351 vehicles**
- **Operator Concentration:**
  - In February 2026, **the Top 10 CPOs consumed 34.704 MWh**, representing **64,9%** of total demand.

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

- **Regional Concentration:**
  - In February 2026, the **Top 10 provinces** consumed **39,917 MWh**, covering **74,7%** of total demand.

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

Map & HeatMap



Number of Total AC/DC Sockets

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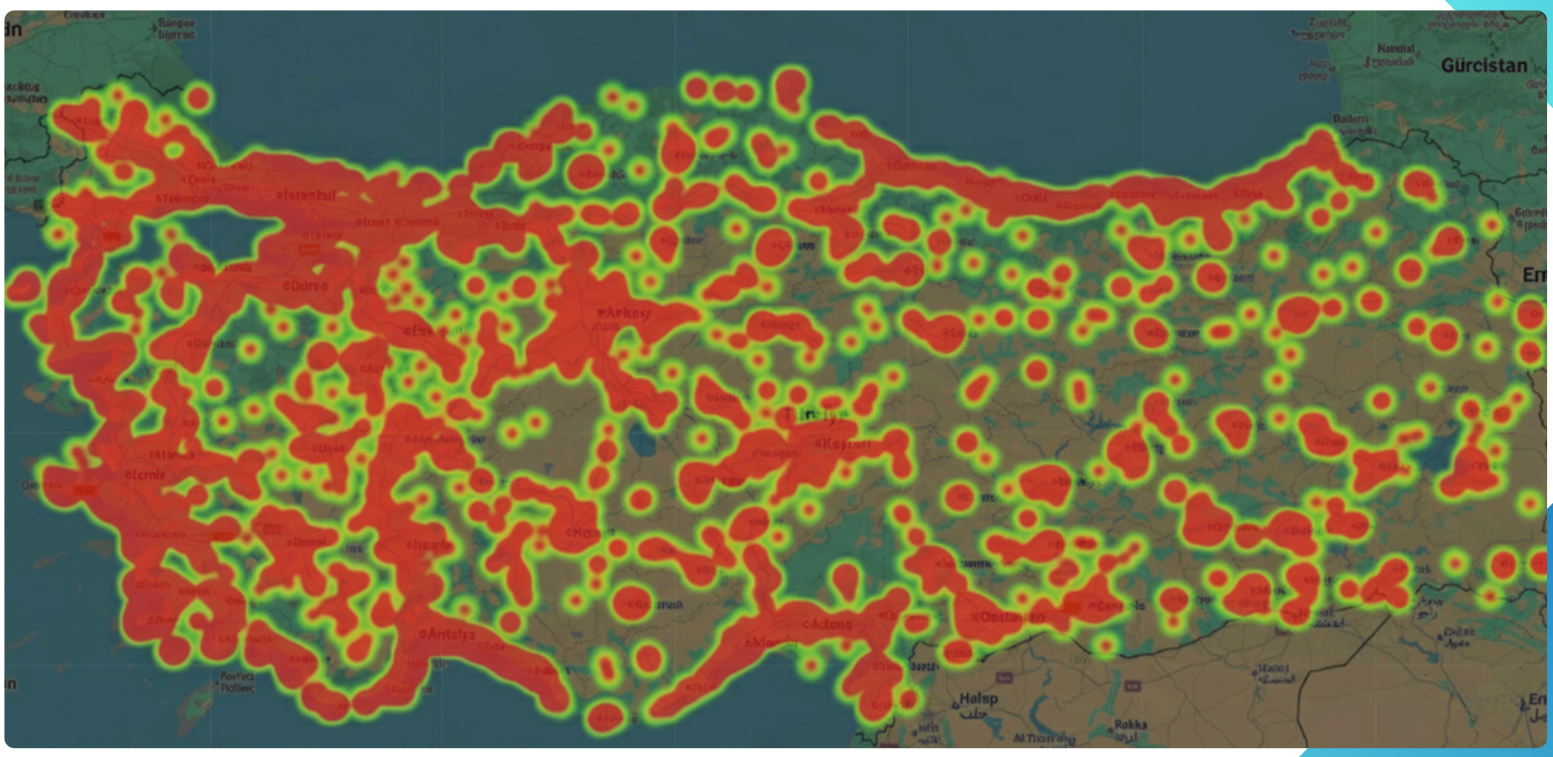
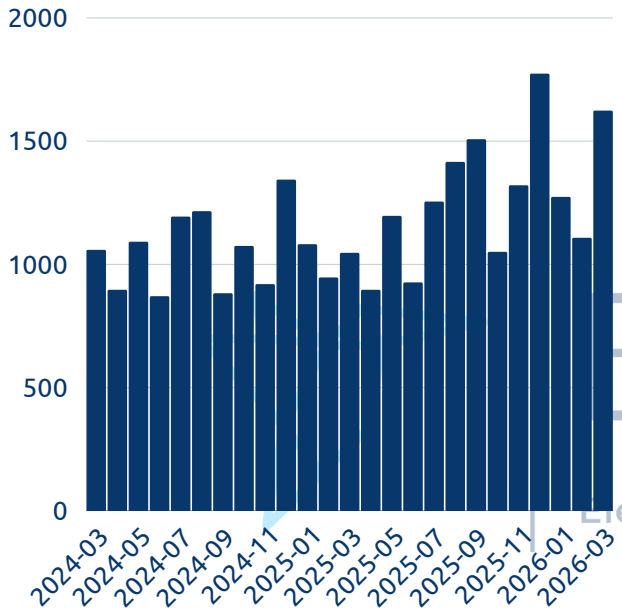


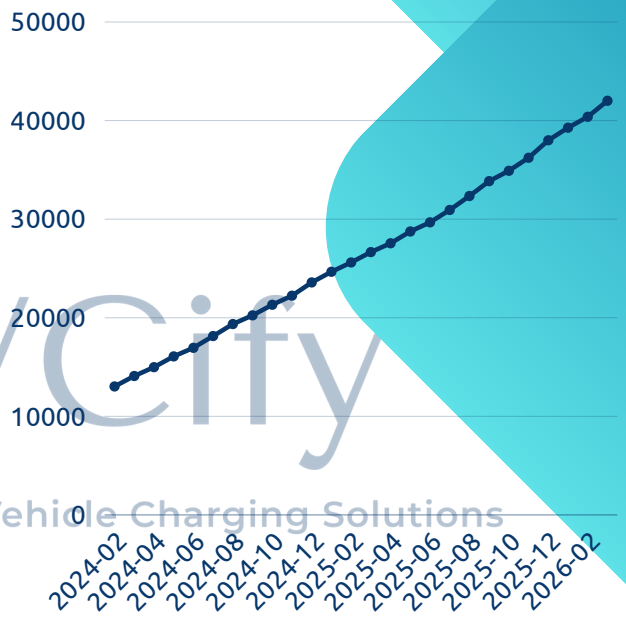
Heatmap

Number of Sockets in Türkiye

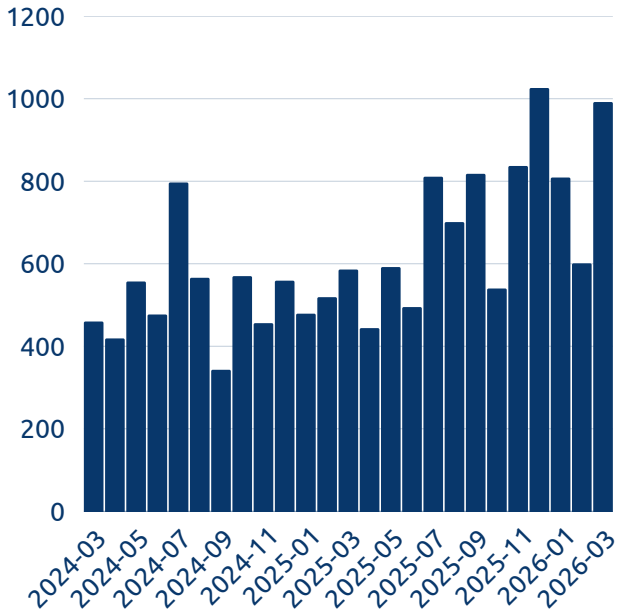
3.196	42.010	23.945	18.065
Total Socket Power (GW)	Total Number of Sockets	Total Number of AC Sockets	Total Number of DC Sockets



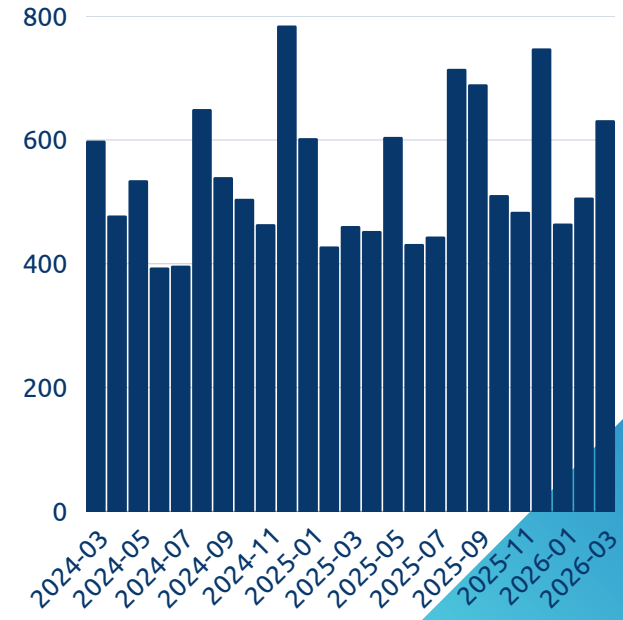
Number of Total Sockets



Cumulative Number of Total Sockets



Number of AC Sockets



Number of DC Sockets

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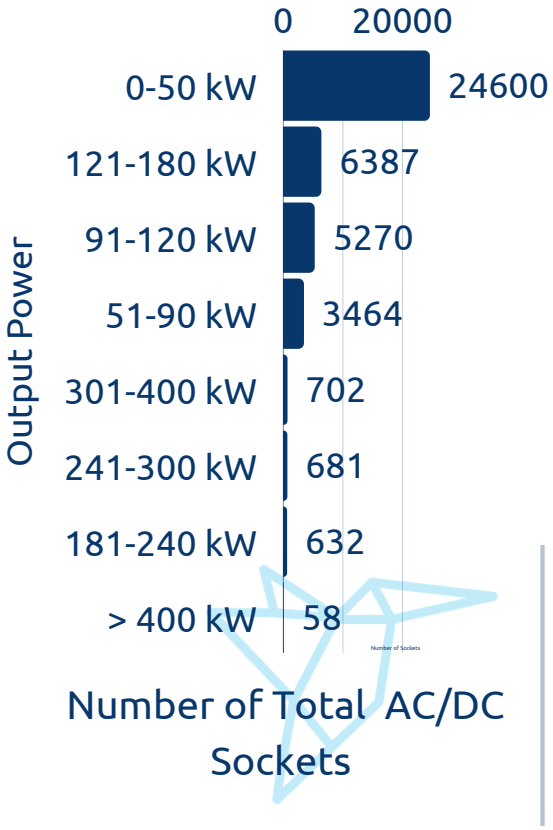
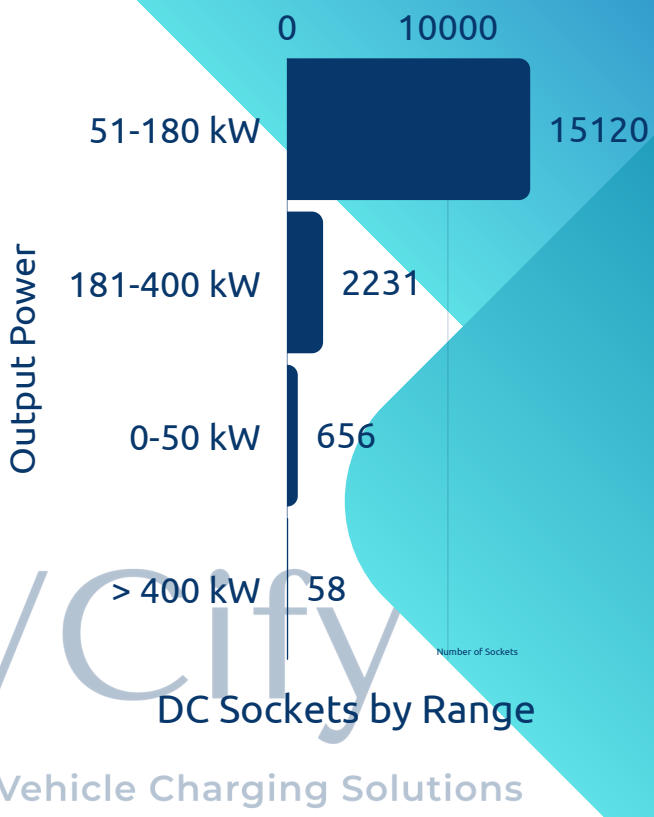
Source:

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

Range of Sockets by Power in Türkiye



Number of Total AC/DC Sockets



DC Sockets by Range

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	Slow Socket (<= 22kW)	Fast Socket (> 22kW, <=150kW)	Ultra Fast Socket (>150kW)
Number of EVs per Socket	**16**	**41**	**47**
Output Power (kW) per EV	**1.152**	**2.40**	**4.52**

Number of Sockets & Output Power per EV

Source:

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

EV Charging Infrastructure Annual Change

	March 2025	March 2026	Annual Change (%)
Total Socket Power (GW)	1.95	3.19	63,6%
Total AC Socket Power (GW)	0.29	0.46	54,5%
Total DC Socket Power (GW)	1.65	2.73	65,5%
Total Number of Sockets	26.658	42.010	57,7%
Total Number of AC Sockets	15.279	23.945	57,6%
Total Number of DC Sockets	11.379	18.065	58,8%

Benchmark Number of Sockets /Output Power by Years

Source:
1. EMRA, Energy Market Regulatory Authority

Number of EVs in Türkiye

TÜİK, Turkish Statistical Institute

395.697

Total Number of EVs

26.306

January-February 2026 EVs

11.011

February 2026 EVs

9,4

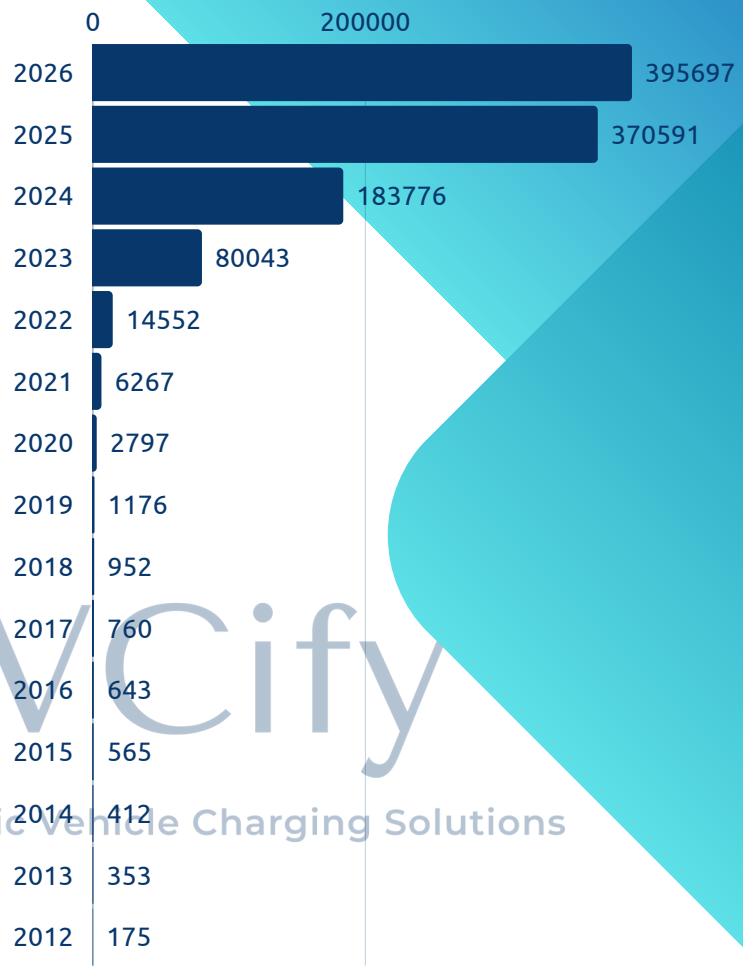
Number of EVs per Total Socket

16,5

Number of EVs per AC Socket

21,9

Number of EVs per DC Socket



Number of EVs by Years

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February				January-February			
2025		2026		2025		2026	
Number	Market Share%	Number	Market Share%	Number	Market Share%	Number	Market Share%
9.891	**14,4**	**11.011**	**17,4**	**22.263**	**12,9**	**26.306**	**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

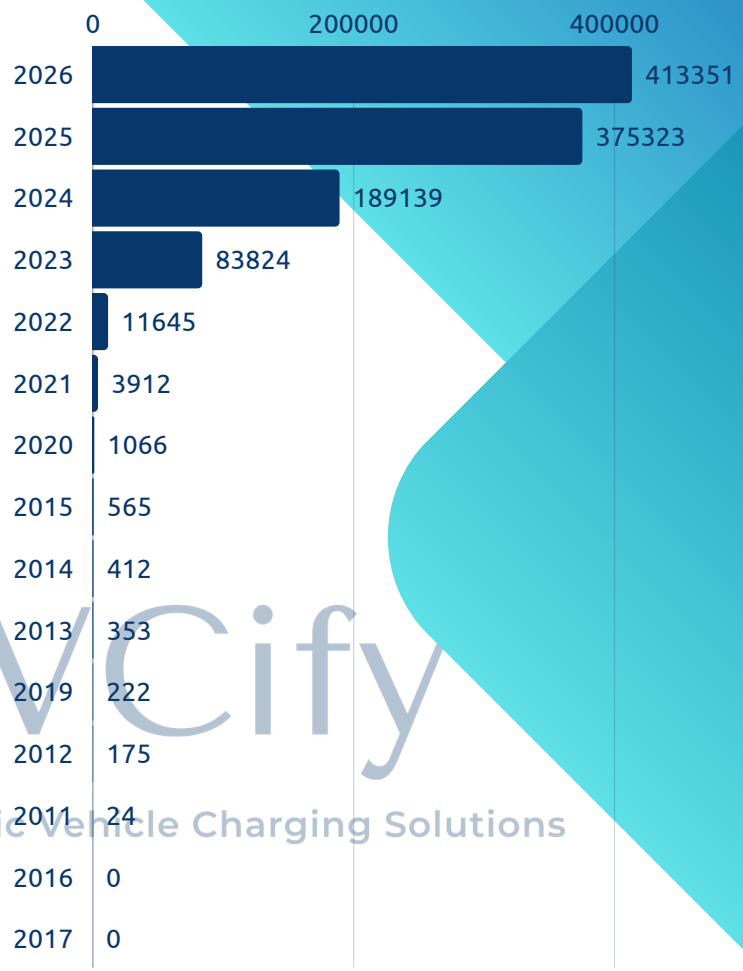
Number of EVs per Total Socket

17,2

Number of EVs per AC Socket

22,8

Number of EVs per DC Socket



Number of EVs by Years

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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:

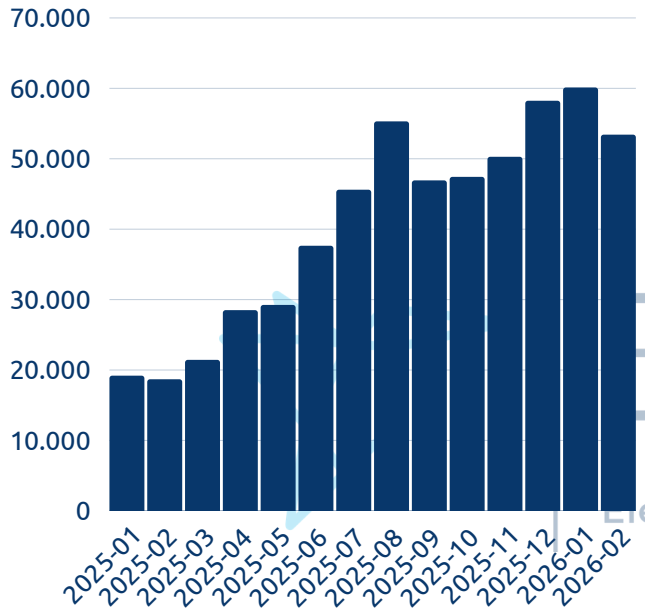
1. **ODMD-Automotive Distributors & Mobility Association**

Electricity Consumption & Sessions

Monthly & Cumulative

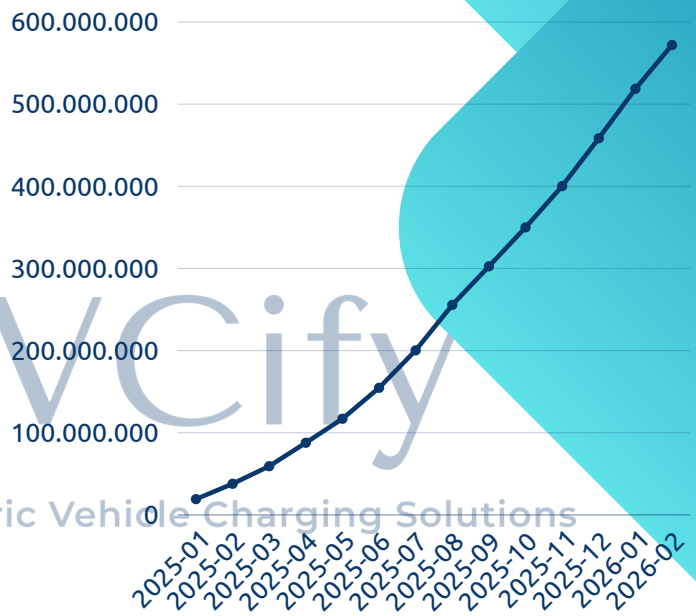
572.064

Total Electricity Consumption (MWh)

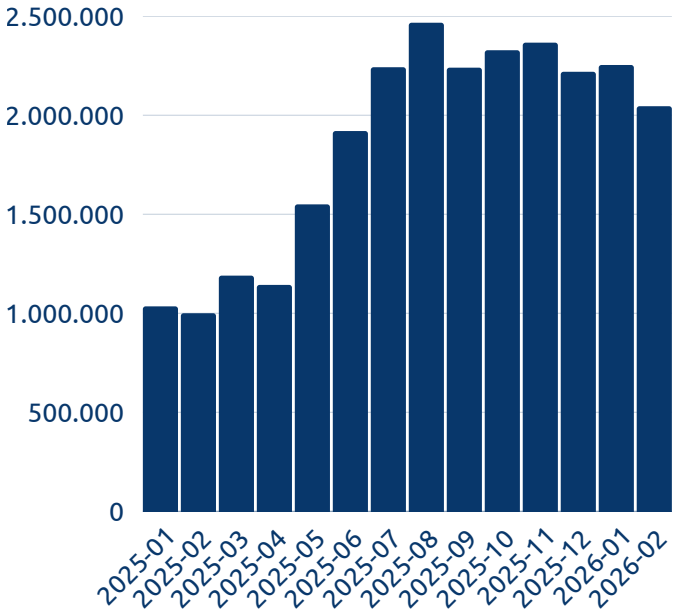


26.001.050

Total Charging Sessions

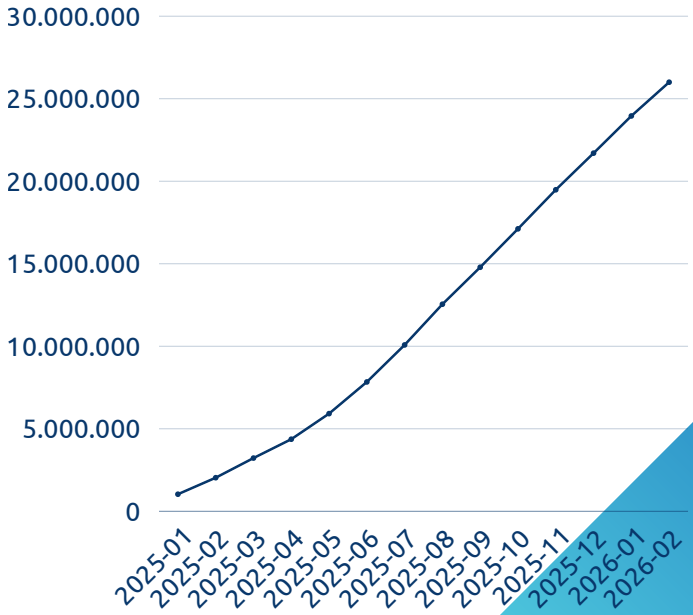


Electricity Consumption (kWh)



Charging Sessions

Cumulative Electricity Consumption (kWh)



Cumulative Charging Sessions

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Source:

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

Charging Service Data

February 2026 (AC vs DC)

Metric	AC	DC	Share (AC)	Share (DC)
Total Electricity Consumption (kWh)	11.459.634	41.964.316	21,45%	78,55%
Total Charging Time (minutes)	91.880.887	58.990.254	60,90%	39,10%
Total Charging Sessions	571.607	1.473.902	27,94%	72,06%
Consumption per Session (kWh/session)	20,05	28,47	-	-
Time per Session (minutes/session)	160,74	40,02	-	-

Source:

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

Electricity Consumption

Monthly, 2026

	January	February	Monthly Change (%)
Total Charging Sessions	2.253.661	2.045.509	1,54%
Total Electricity Consumption (MWh)	60.124,282	53.423,951	3,23%
Charging Consumption per Session (kWh/session)	26,68	26,12	1,67%
Total Charging Time (hours)	2.787.344	2.514.519	3,64%
Charging Time per Session (hours/session)	1,24	1,23	2,47%

Monthly Charging Sessions and Consumption Comparison

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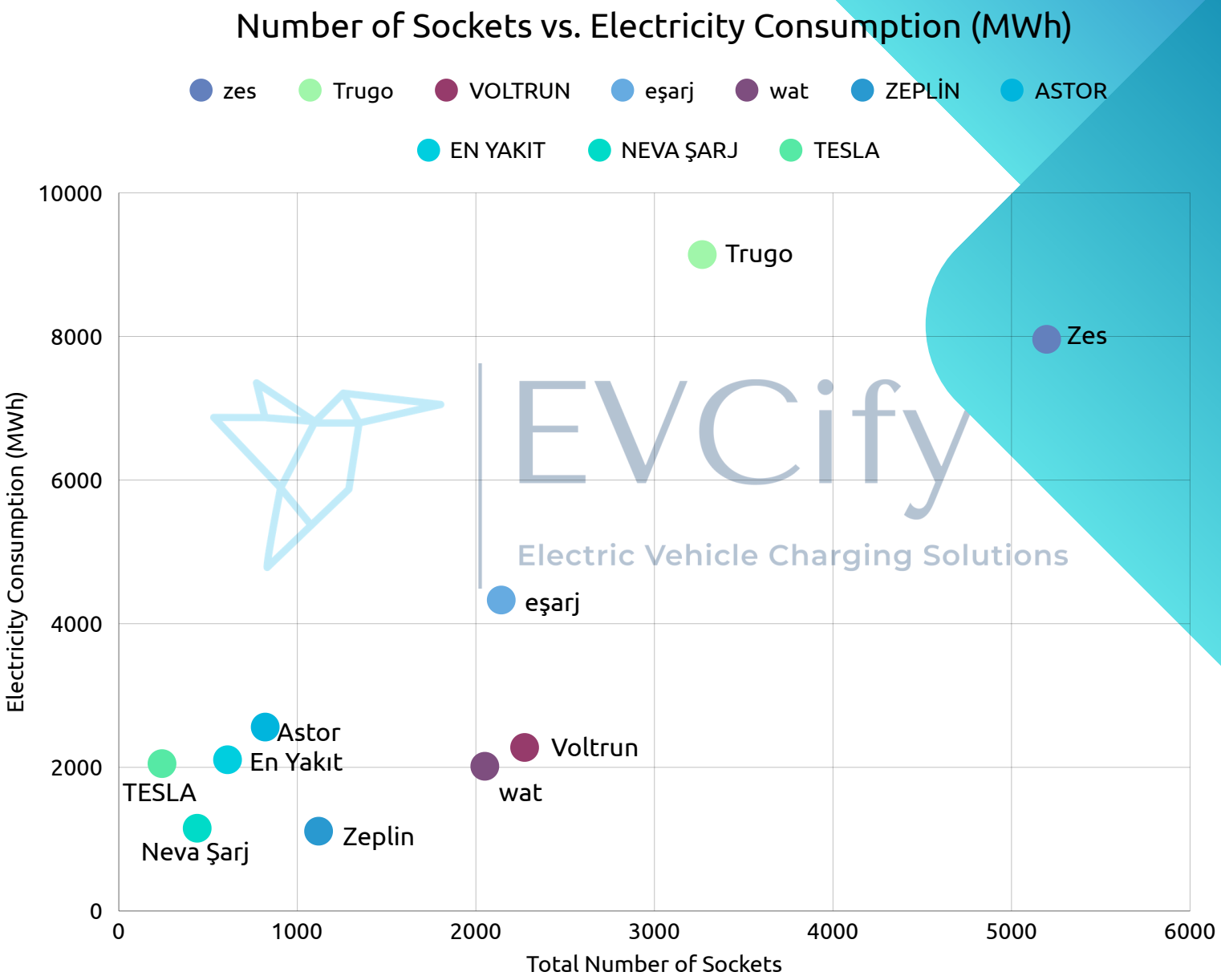
Source:

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

Electricity Consumption (MWh)

Scatter Plot Graph for February 2026



Source:

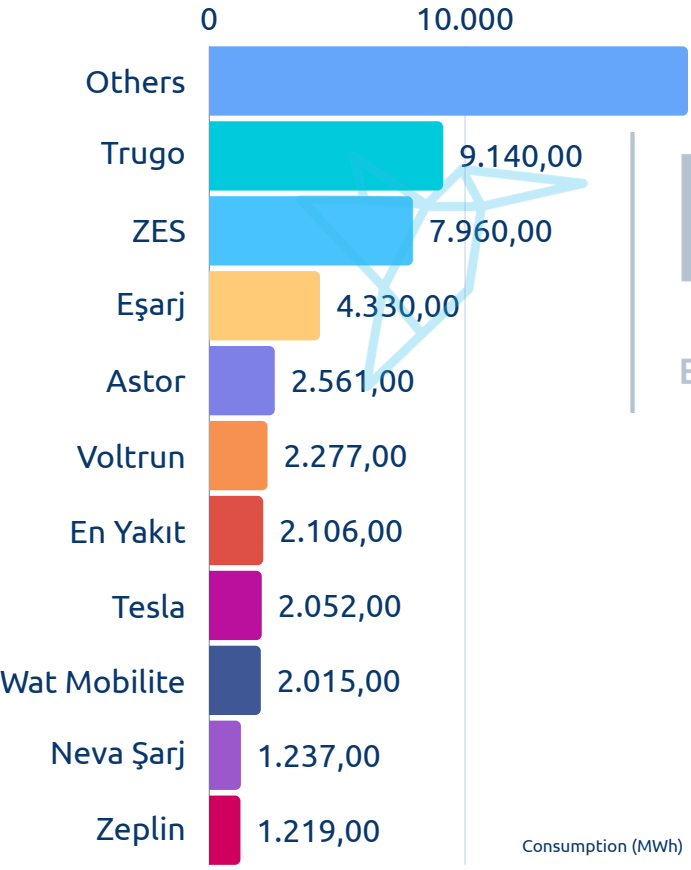
1. **EMRA, Energy Market Regulatory Authority**

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

for February 2026

34.704 MWh

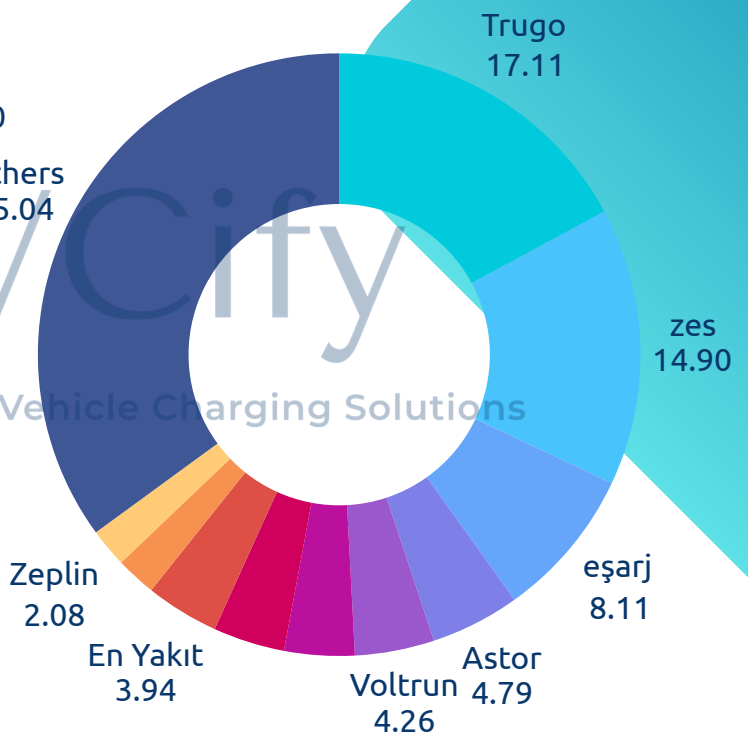
Top 10 CPOs
Total Consumption (MWh)



Total Electricity Consumption (MWh) by CPOs

64,9 %

Top 10 CPOs
Total Consumption Share



Total Consumption Share (%) by CPOs

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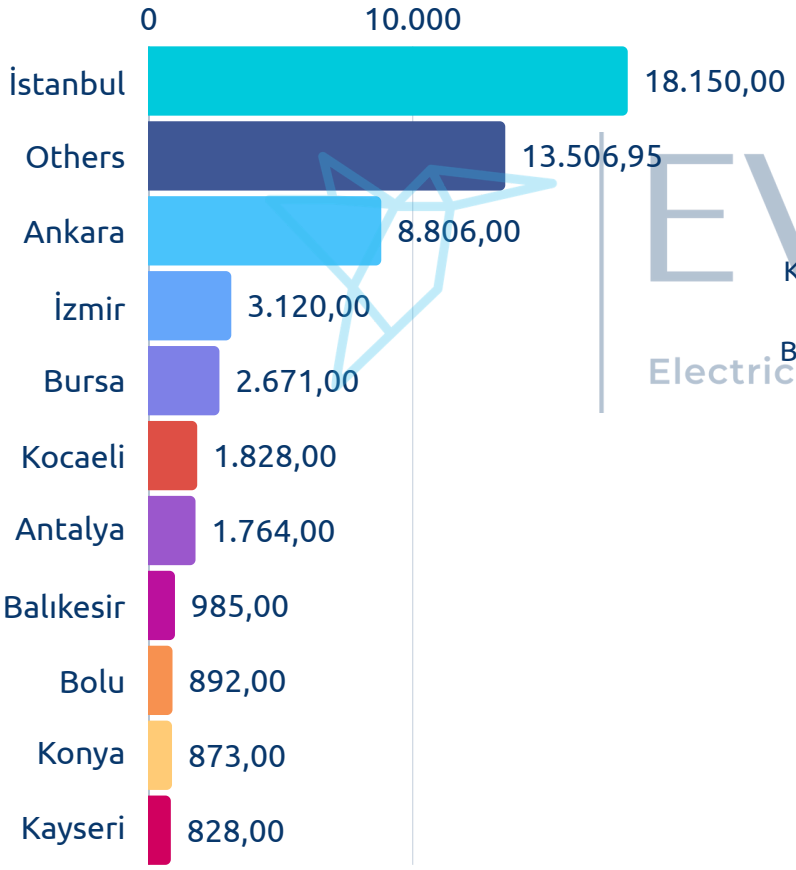
Source:
1. **EMRA, Energy Market Regulatory Authority**

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

for January 2026

39.917 MWh

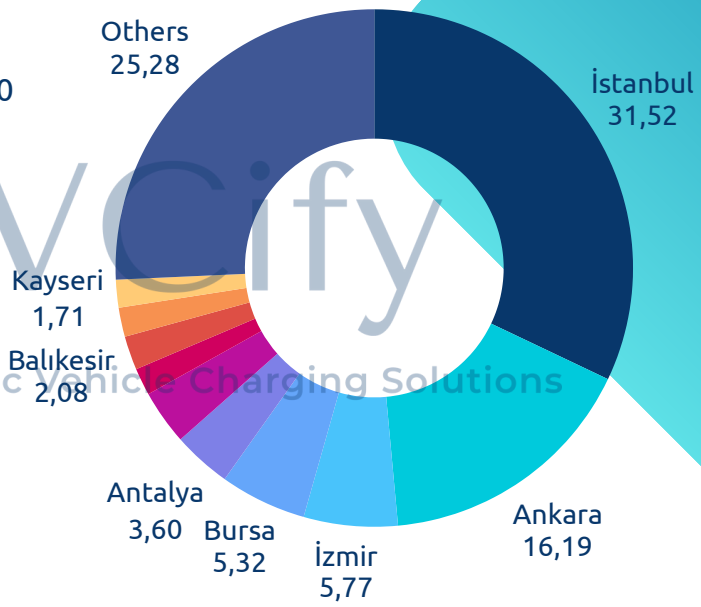
Top 10 Cities
Total Consumption (MWh)



Consumption Share (%) by Cities

74,72%

Top 10 Cities
Total Consumption Share



Consumption Share (%) by Cities

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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			
April			
May			
June			
July			
August			
September			
October			
November			
December			

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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			
April			
May			
June			
July			
August			
September			
October			
November			
December			

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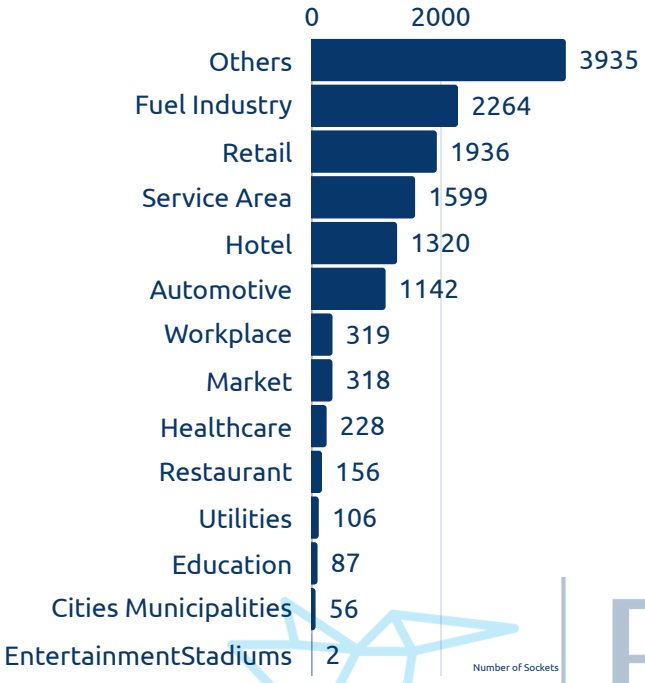
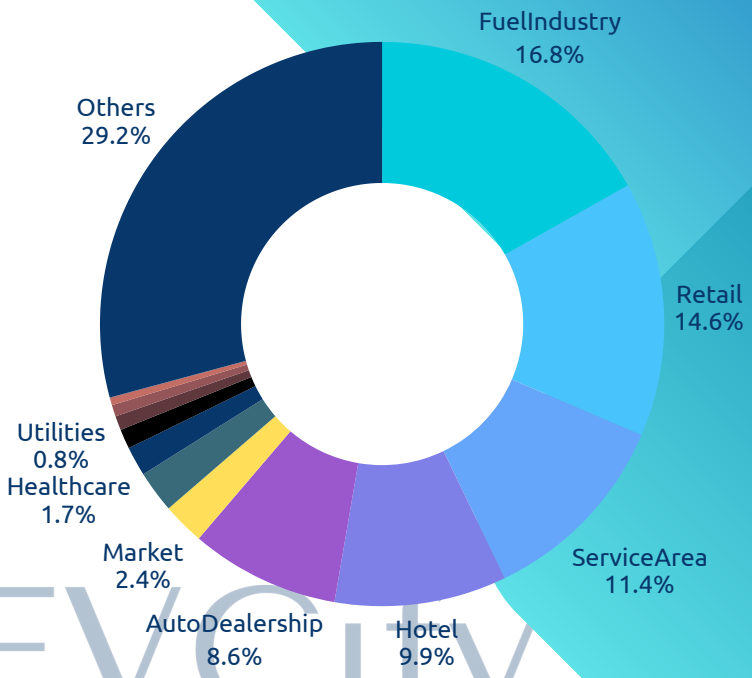
Source:
1. EMRA, Energy Market Regulatory Authority

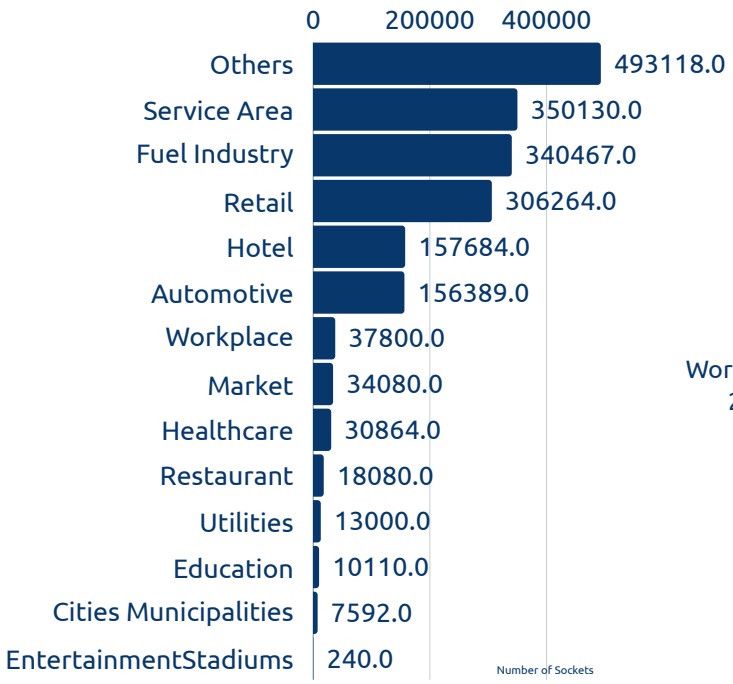
Installed DC Sockets By Sectors

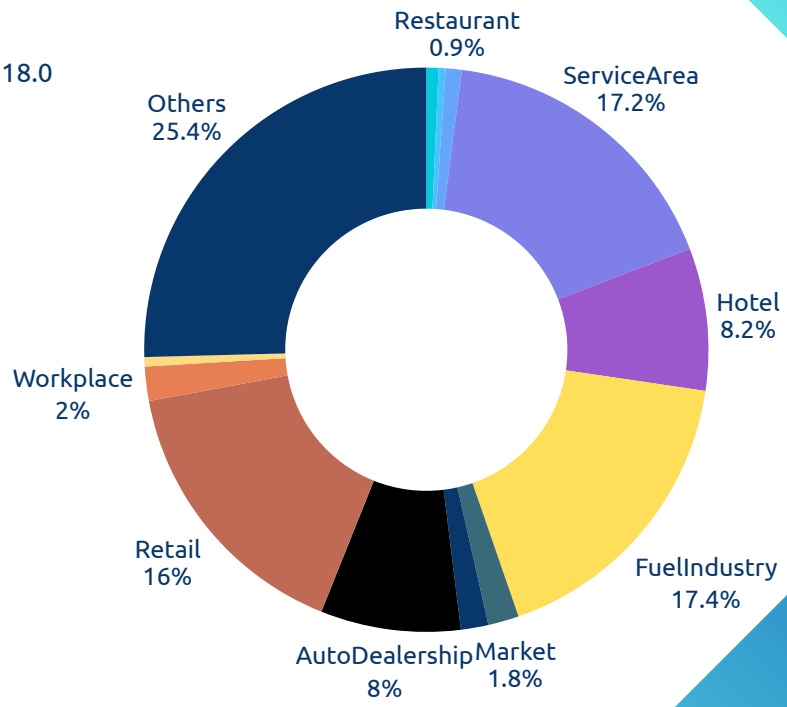
Not updated this month, data is for June 2025





Number of Sockets



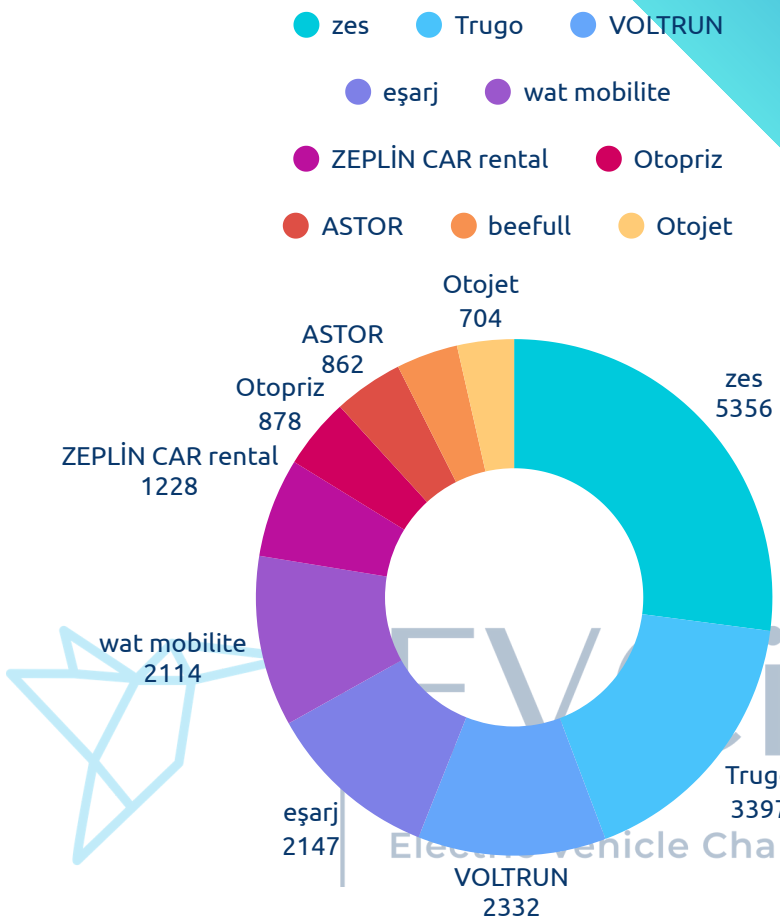


Output Power of Sockets (kW)

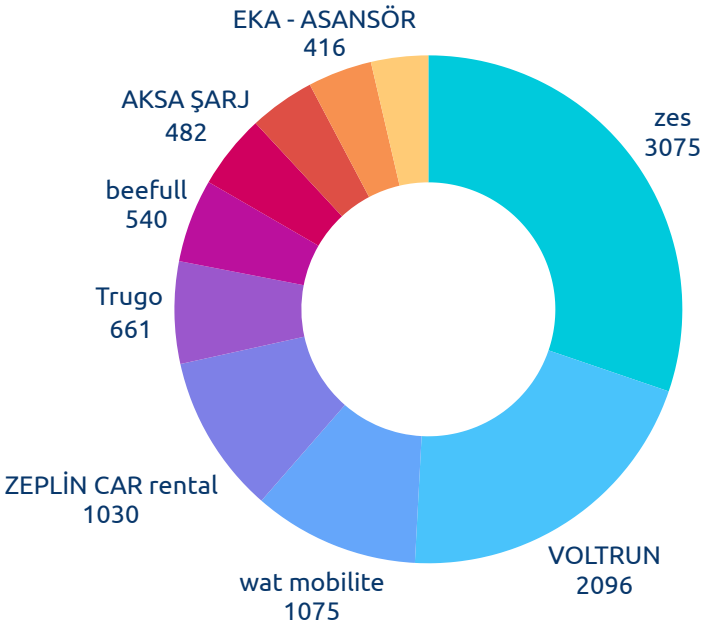
Source:

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

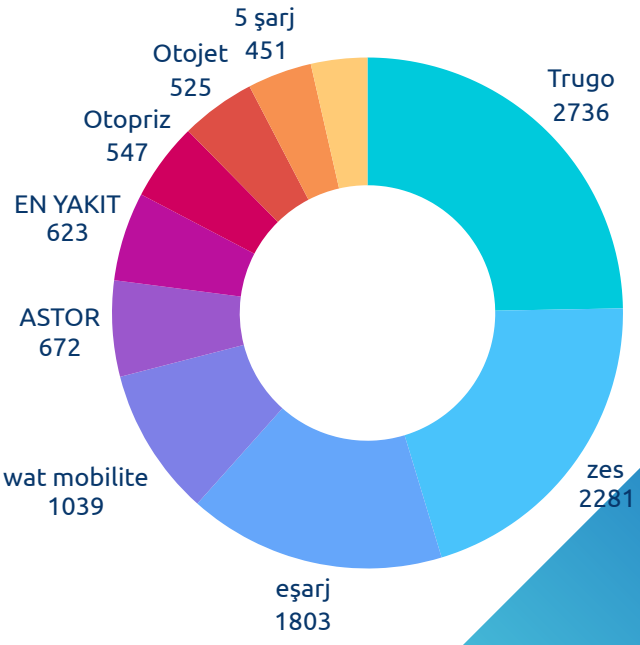
Top 10 CPOs with the Highest Number of Sockets



Number of AC/DC Sockets



Number of AC Sockets

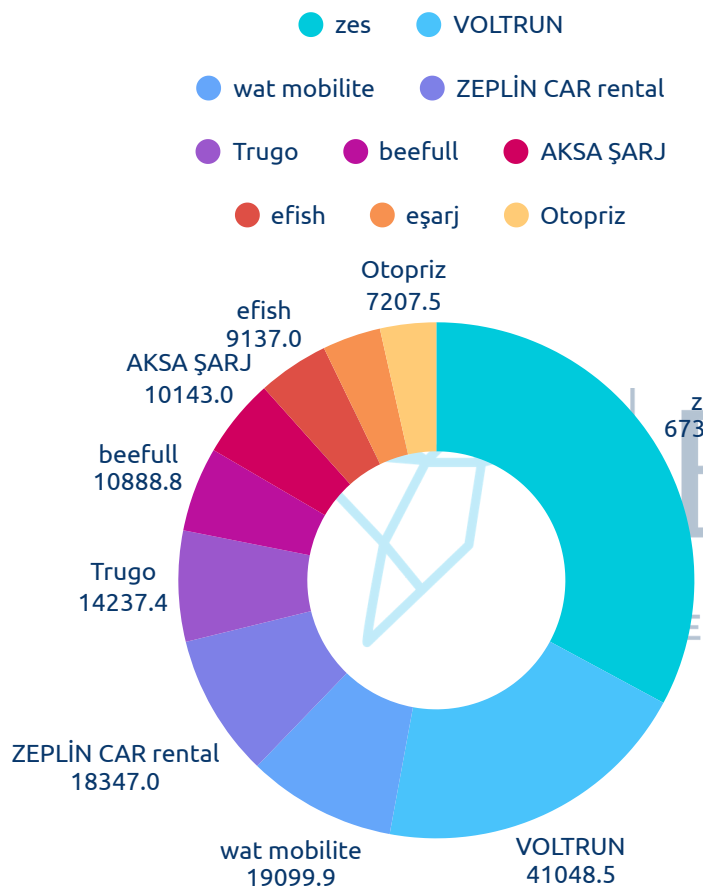


Number of DC Sockets

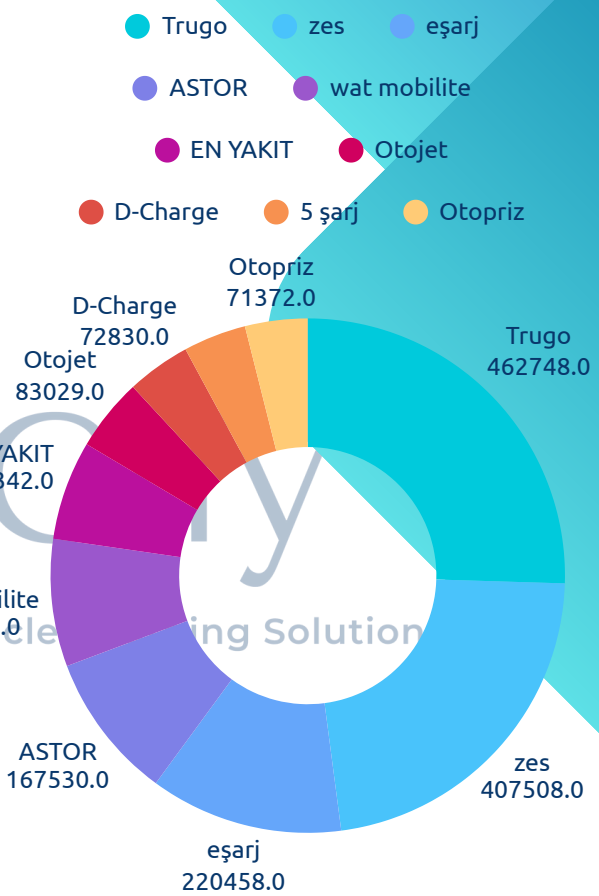
Source:

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)

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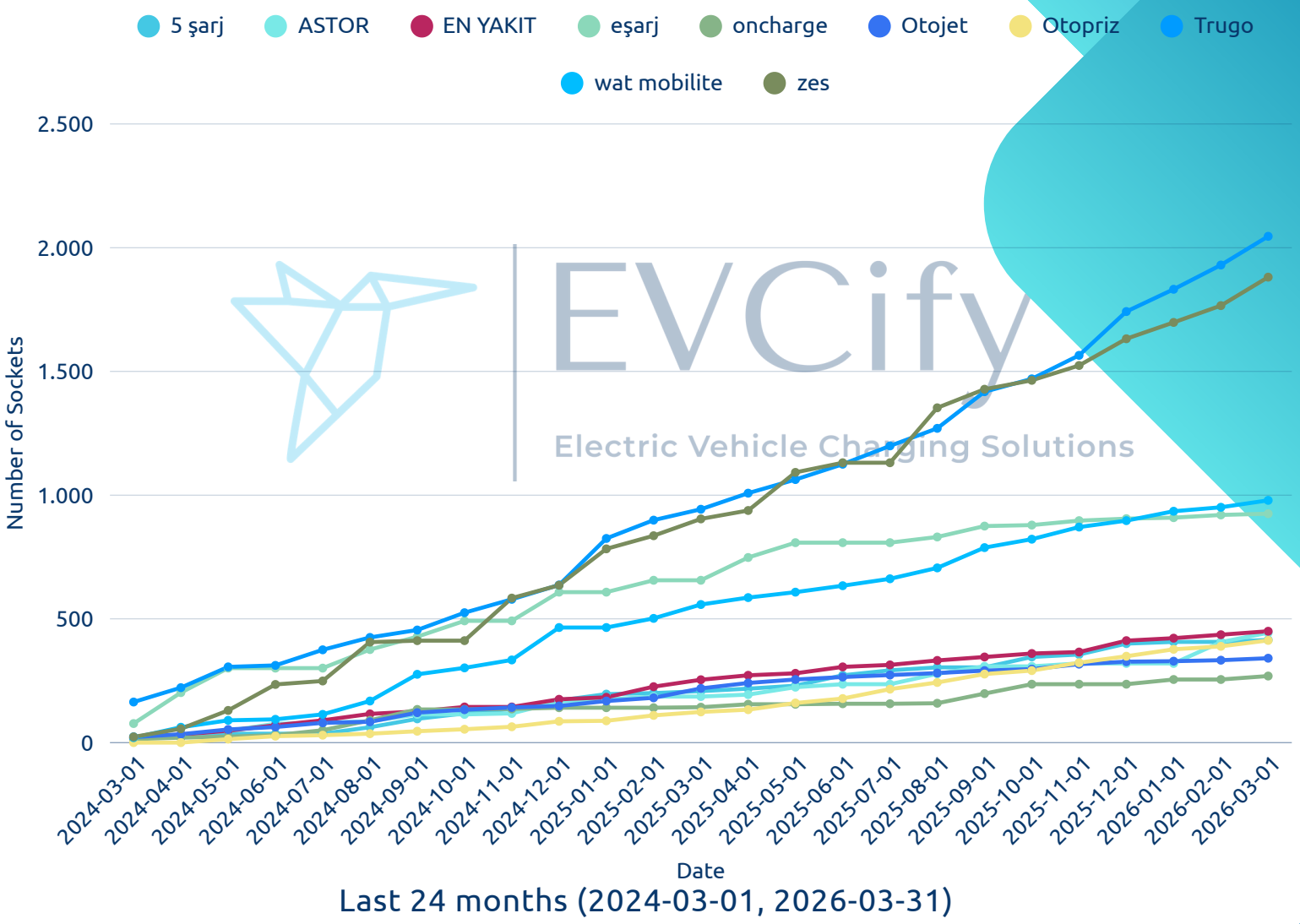
Source:

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

DC Socket Investments of Leader 10 CPOs

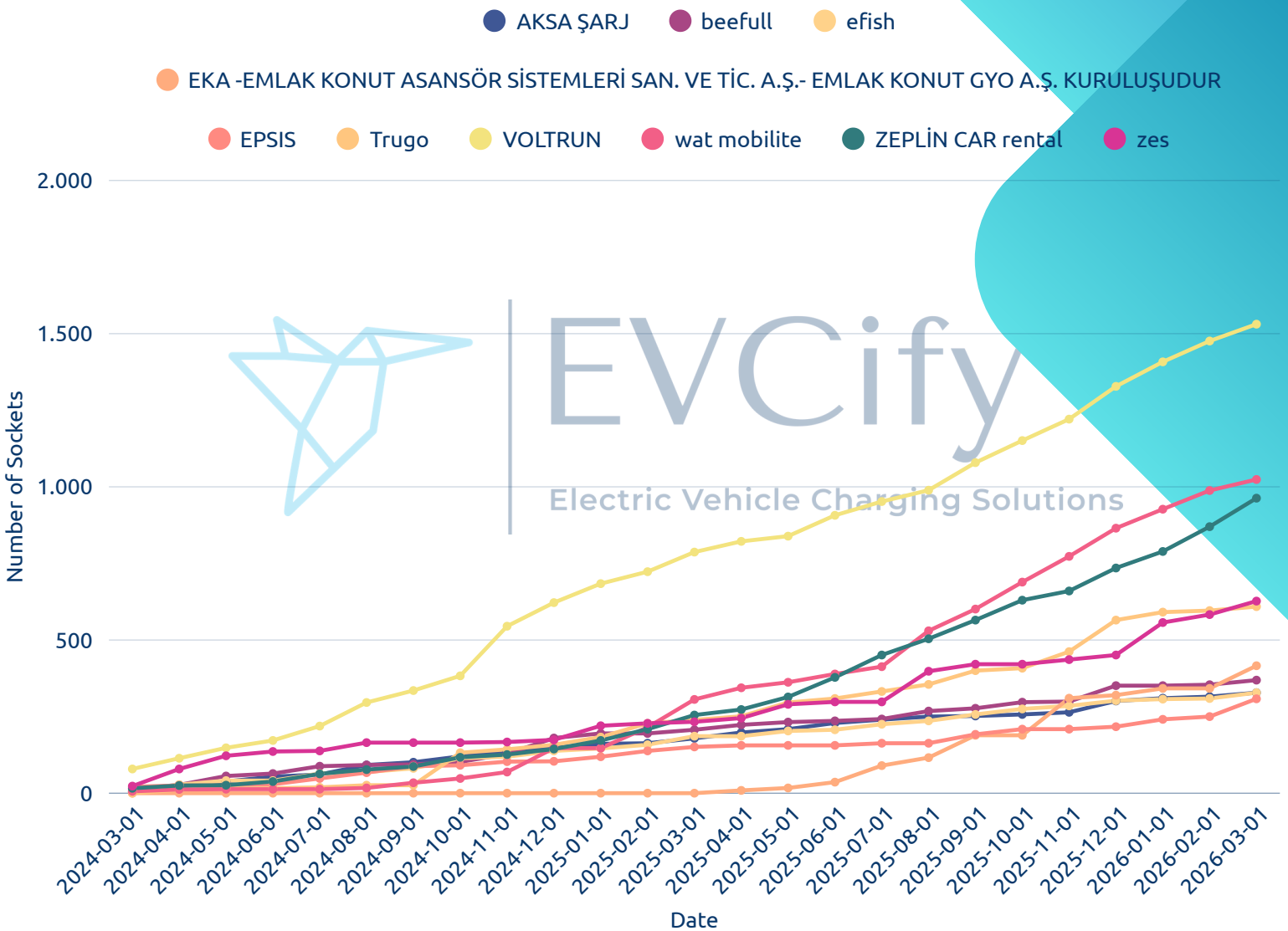


Last 24 months (2024-03-01, 2026-03-31)

Source:

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

AC Socket Investments of Leader 10 CPOs

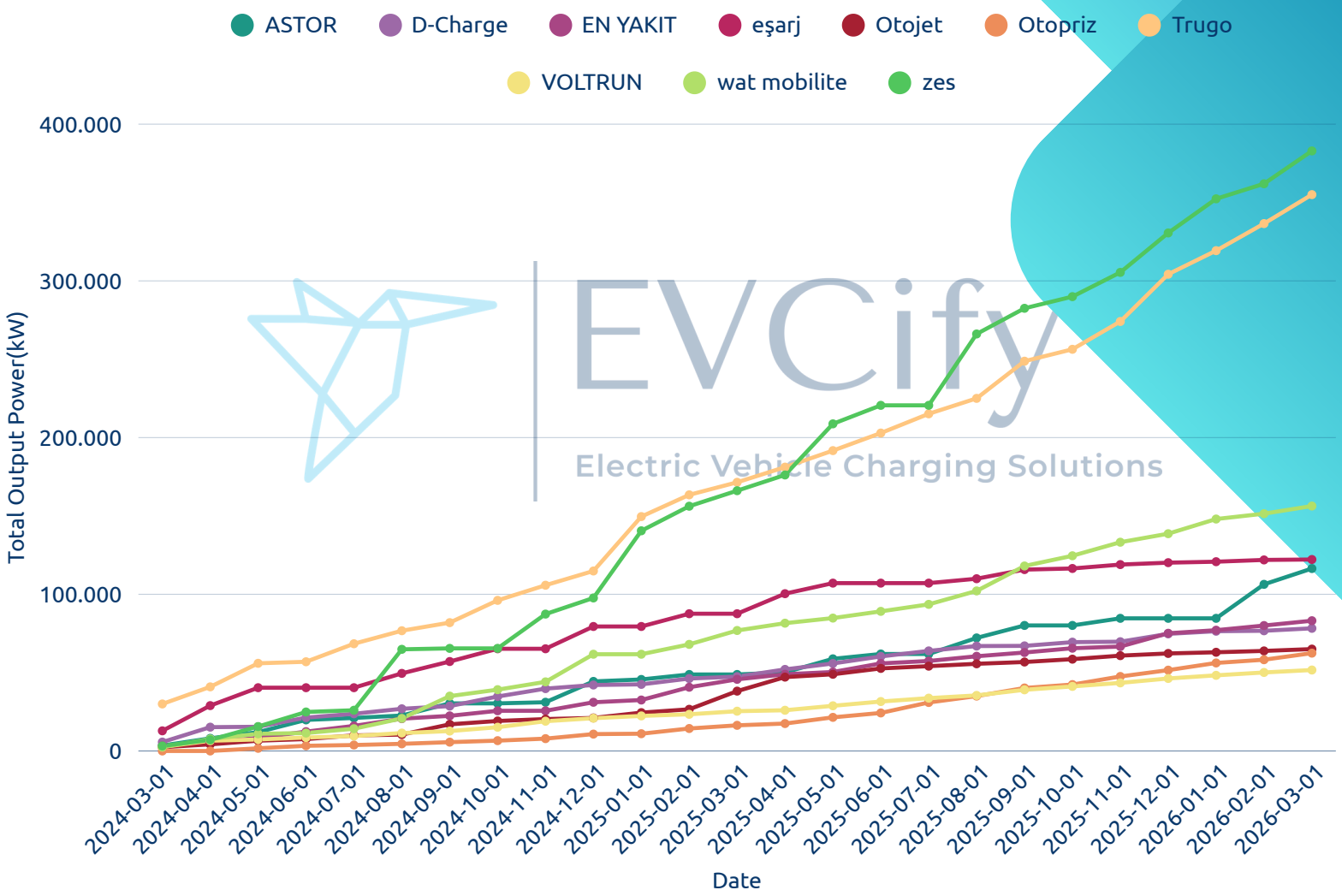


Last 24 months (2024-03-01, 2026-03-31)

Source:

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

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



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Last 24 months (2024-03-01, 2026-03-31)

Source:

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

AC Socket Market Share

Top 5 Charging Point Operators

23945	7.937	33,1
Total Number of AC Sockets	**Top 5 CPOs**	**Market Share (%)**

CPO	Number of Sockets	Market Share (%)
zes	3075	13.16
VOLTRUN	2096	8.86
wat mobilite	1075	4.49
ZEPLİN CAR rental	1030	4.05
Trugo	661	2.85

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Kaynak:

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

DC Socket Market Share

Top 5 Charging Point Operators

18065	8.531	47,2
Total Number of DC Sockets	**Top 5 CPOs**	**Market Share (%)**

CPO	Number of Sockets	Market Share (%)
Trugo	2736	15.06
zes	2281	12.39
eşarj	1803	10.32
wat mobilite	1039	5.79
ASTOR	672	3.62

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Kaynak:

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

AC/DC Socket Market Share

Top 5 Charging Point Operators

42010	14.997	35,69
Total Number of AC/DC Sockets	**Top 5 CPOs**	**Market Share (%)**

CPO	Number of Sockets	Market Share (%)
zes	5215	12,83
Trugo	3294	8.10
VOLTRUN	2284	5.62
eşarj	2151	5.29
wat mobilite	2053	5.05

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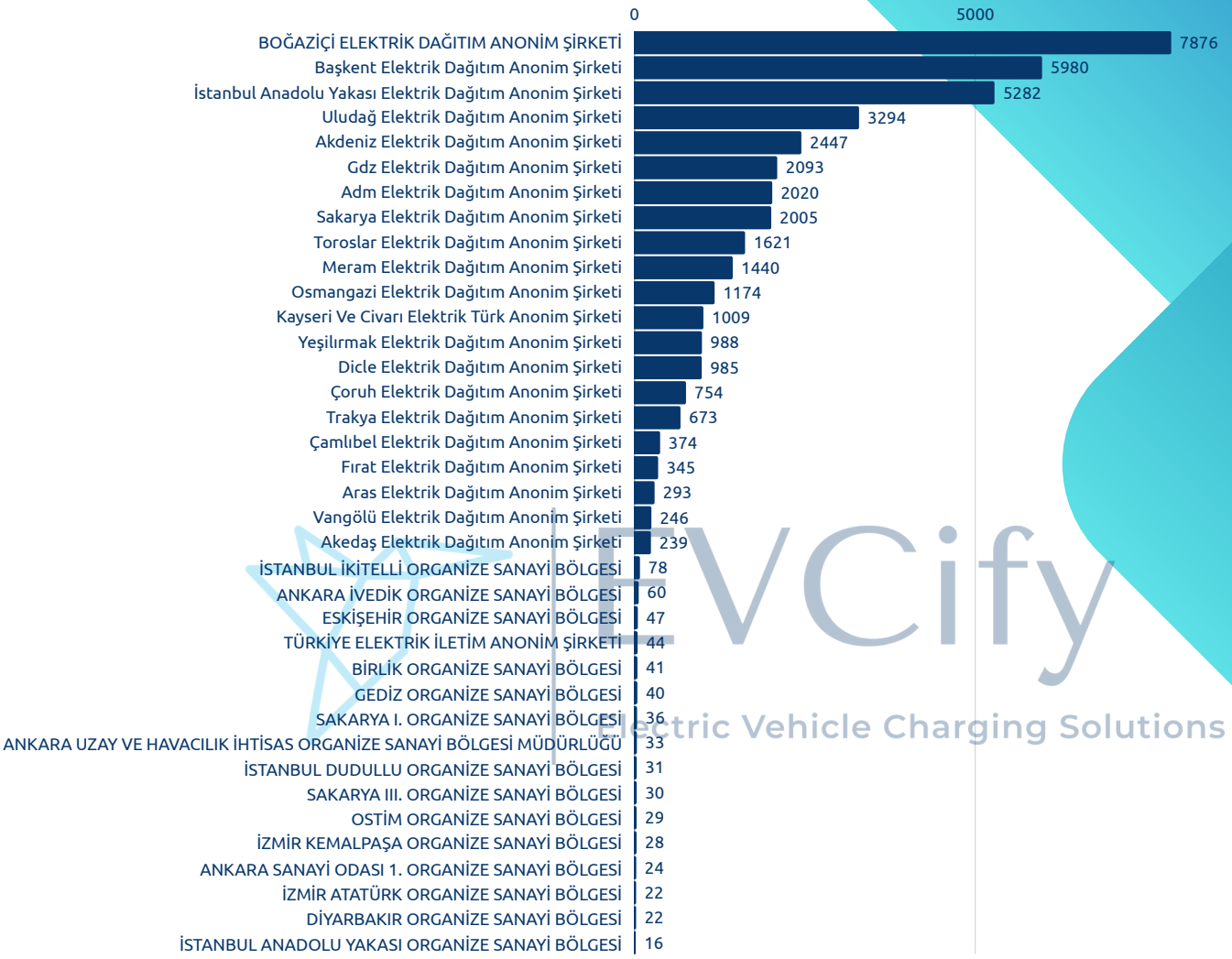
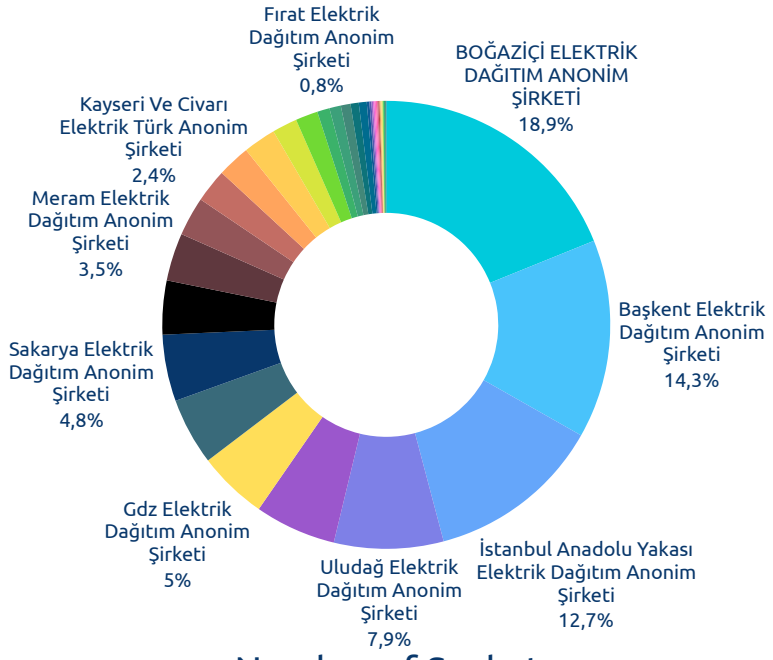
Kaynak:

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

Number of Sockets By Electricity Energy Distribution Regions





Source:

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

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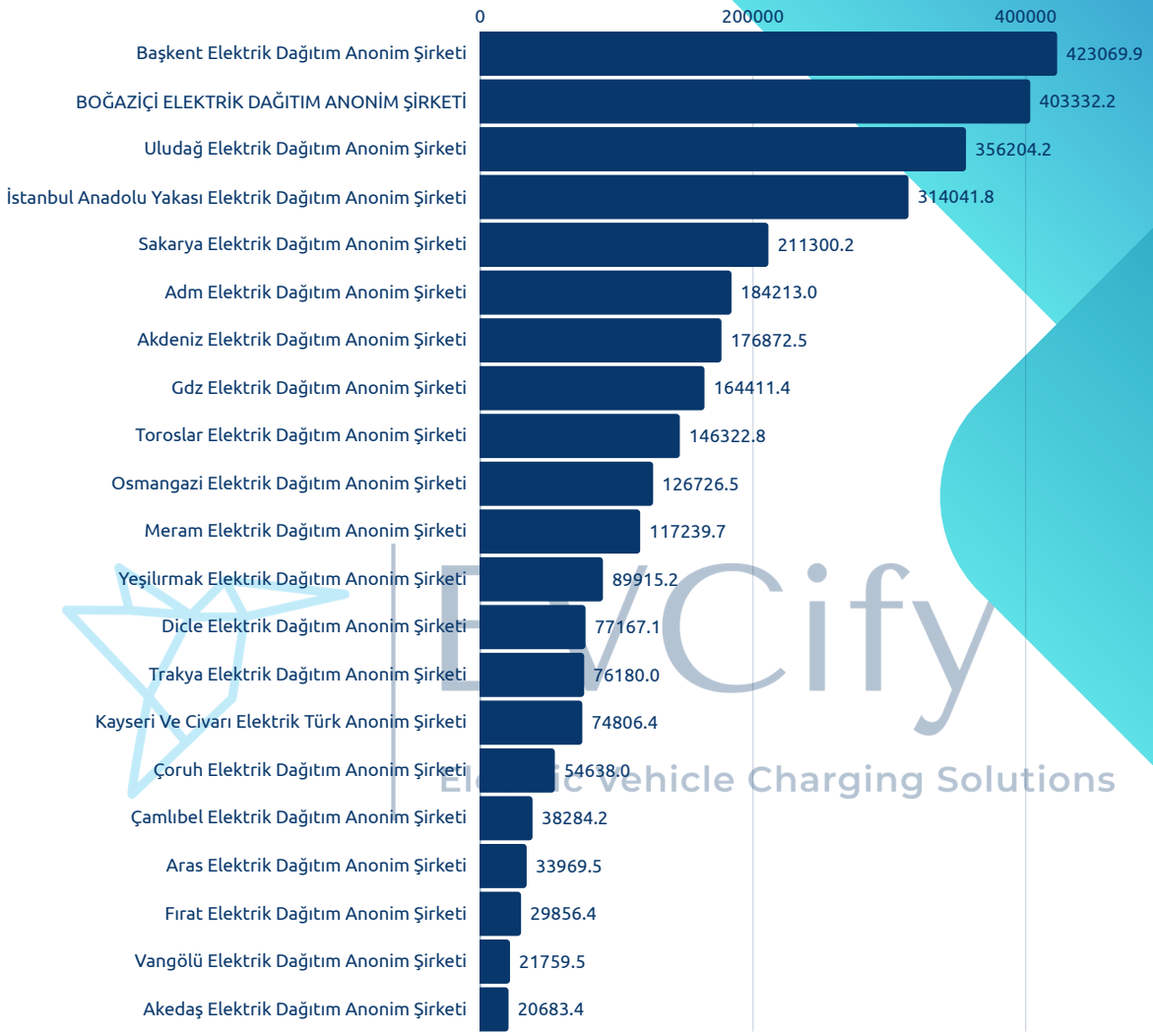
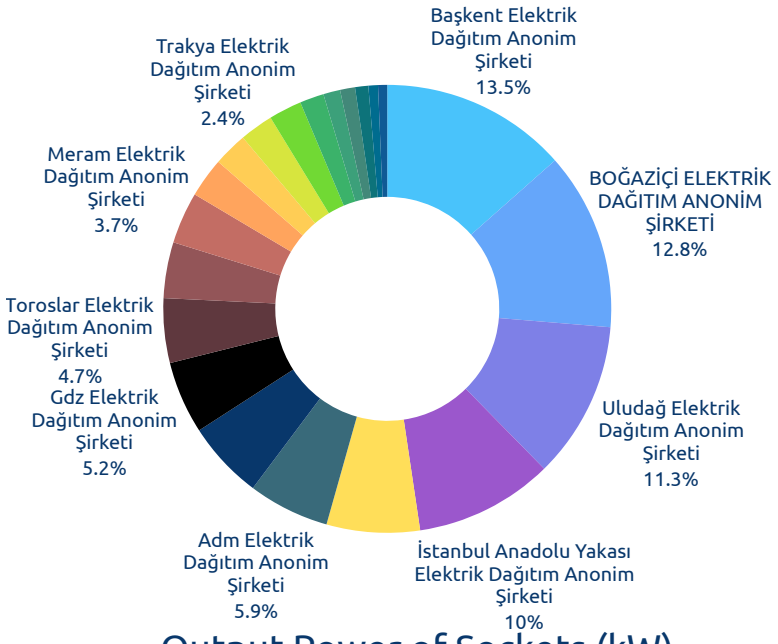
Output Power of Sockets (kW) by Electricity Energy Distr. Regions





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	3075	2281	5356
2	Trugo	661	2736	3397
3	VOLTRUN	2096	236	2332
4	eşarj	344	1803	2147
5	wat mobilite	1075	1039	2114
6	ZEPLİN CAR rental	1030	198	1228
7	Otopriz	331	547	878
8	ASTOR	190	672	862
9	beefull	540	224	764
10	Otojet	179	525	704
11	AKSA ŞARJ	482	184	666
12	D-Charge	292	371	663
13	EN YAKIT	0	623	623
14	oncharge	176	395	571
15	efish	425	106	531

Number of Socket Counts

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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	K-ŞARJ	254	258	512
17	EPSIS	370	81	451
18	EKA -EML. KONUT ASA	416	34	450
19	NEVA ŞARJ	233	212	445
20	tunçmatik	234	203	437
21	otoWATT	214	134	348
22	EKA ENERJİ	319	28	347
23	ovolt	66	270	336
24	SHARZ.NET	260	61	321
25	SHELL	45	271	316
26	solarşarj	229	49	278
27	TOGER	252	24	276
28	MAGIC LINE	240	28	268
29	TESLA	0	262	262
30	enertürk rhg enerji	146	98	244

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Number of Socket Counts

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

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