



Switch
To
Electric
Vehicle

EVCify

Electric Vehicle Charging Solutions

EV Charging Network

Assessment of October 2025 in Türkiye (*The 15th edition*)

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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.evciify.com***](https://data-sharing-web-app.evciify.com)



Significant developments

IEA, Global EV Outlook 2025



Global Overview (2024–2025)

Indicator	2024 Results	2025 Expectations
Global EV Sales	17 million (market share: 20%+)	Over 20 million (market share: ~25%)
EV Share in China	~50%	~60%
EV Share in Europe	~20% (stagnant)	~25% (driven by CO ₂ targets)
EV Share in the U.S.	10%+	11% (uncertainty remains)

Key Global Trends

Area	Summary
Market Expansion	Led by China, Southeast Asia, and Latin America
Battery Prices	Down 30% in China; 10–15% in EU/US
Charging Infrastructure	Public chargers doubled in the last two years
Heavy-Duty EVs	EV truck sales up 80%; China accounted for 80%+ of total
Affordability	Most Chinese EVs priced below ICE equivalents
Trade	China produced 70% of global EVs and exported 40% of them



Executive Summary



- **Demand Surge:** The September 2025 report shows sustained strong demand for EV charging, with **46.9 million kWh** of electricity consumed in a single month, slightly **lower** than **August's** record, yet remaining among the highest levels recorded to date.
- **Infrastructure Growth:**
 - By October 2025, the total number of sockets reached **36,336**:
 - **20,697** AC sockets
 - **15,639** DC sockets
 - During October alone, **1,062 new sockets** were added.
 - Boğaziçi Elektrik Dağıtım A.Ş. leads with the **highest** number of installed sockets (**6,711**).
 - BAŞKENT Elektrik Dağıtım A.Ş. holds the **largest** installed power capacity (**335.712 kW**).
- **Consumption Split (September 2025):**
 - **DC charging accounted for 84.5%** of total electricity consumption.
 - **AC charging accounted for 15,5%.**

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



Executive Summary



- **Efficiency by Technology:**

- Slow Socket ($\leq 22\text{kW}$): **15 EVs per socket, 1.25 kW/EV**
- Fast Socket ($> 22\text{kW}$, $\leq 150\text{kW}$): **36 EVs per socket, 3.68 kW/EV**
- Ultra-Fast Socket ($> 150\text{kW}$): **46 EVs per socket, 4.58 kW/EV**

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

- **Market Penetration (TÜİK):**

- EV sales in September 2025: **10,957 units**
- Cumulative Jan–Sep 2025 sales: **135,490 units**
- Total EV stock in Turkey: **319,155 vehicles**

- **Market Penetration (ODMD):**

- EV sales in September 2025: **12,706 units**
- Cumulative Jan–Sep 2025 sales: **132,346 units**
- Total EV stock in Turkey: **322,723 vehicles**

- **Operator Concentration:**

- In September 2025, **the Top 10 CPOs consumed 35,133 MWh**, representing **74,9%** of total demand.

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

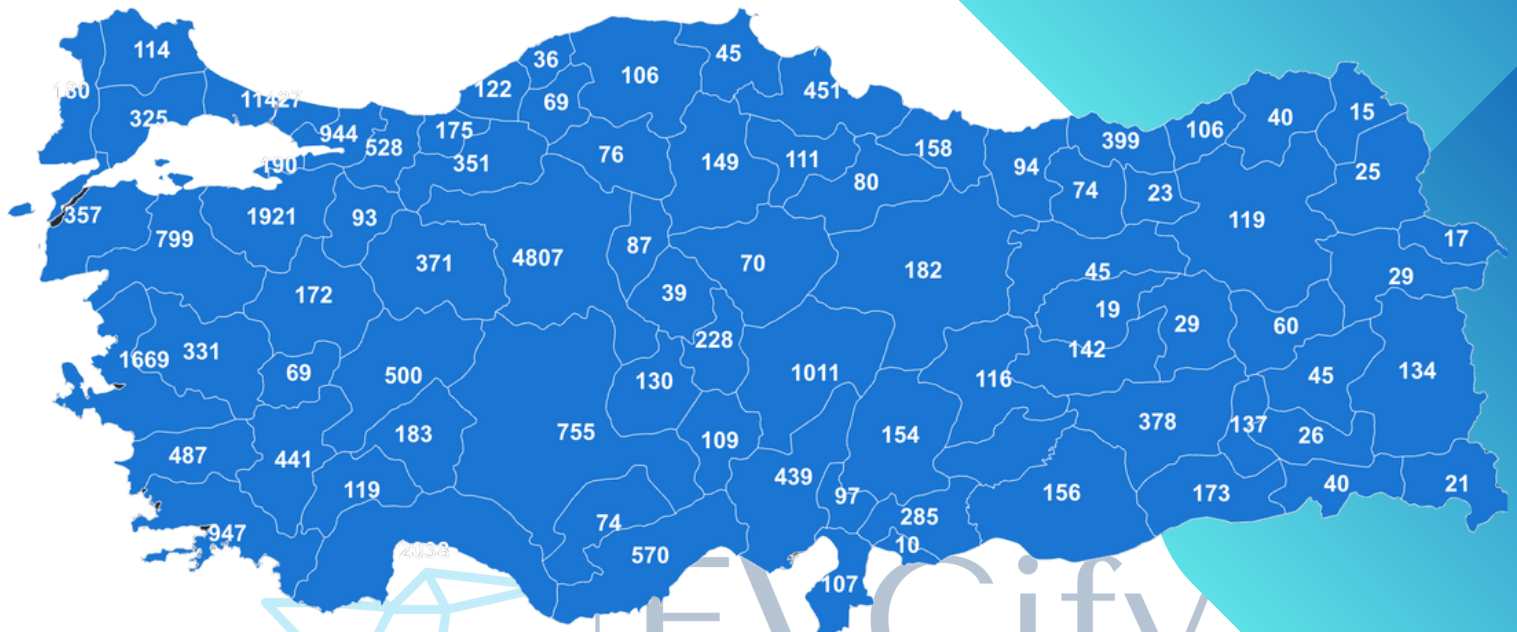
- **Regional Concentration:**

- In September 2025, **the Top 10 provinces consumed 32,657 MWh**, covering **69.69%** of total demand.

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

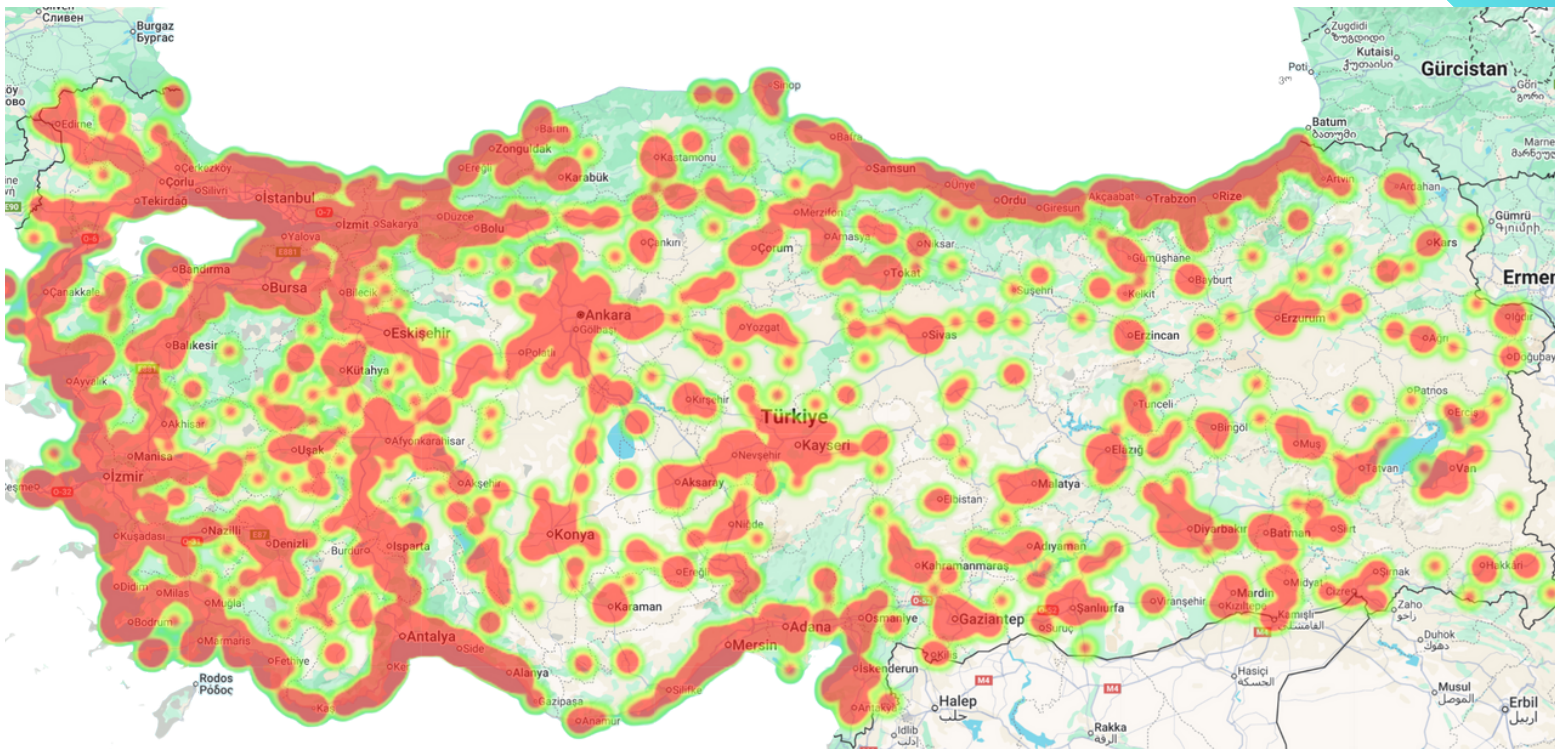


Map & HeatMap



Number of Total AC/DC Sockets

Electric Vehicle Charging Solutions



Heatmap



<https://evcity.com>



Number of Sockets in Türkiye



2.697

Total Socket Power (GW)

36.336

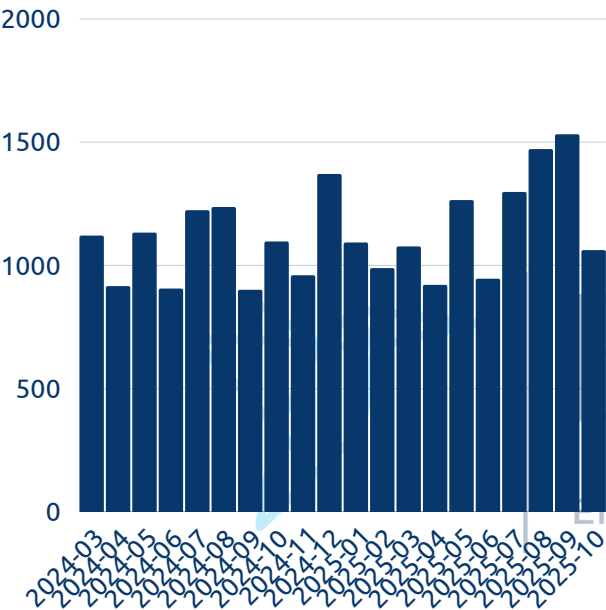
Total Number of Sockets

20.697

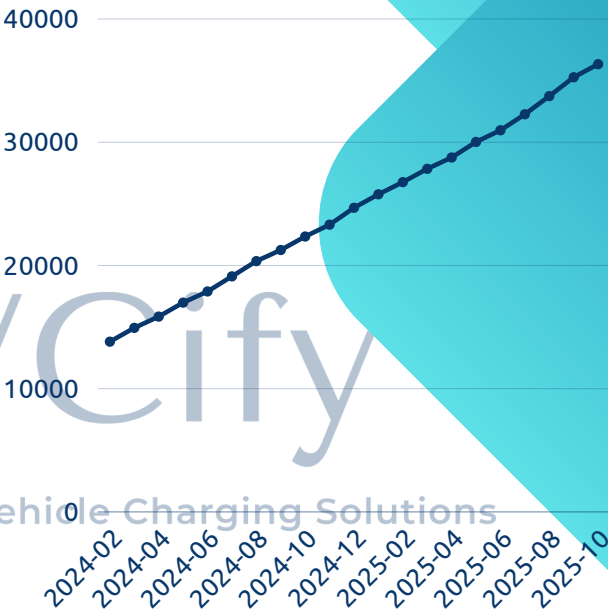
Total Number of AC Sockets

15.639

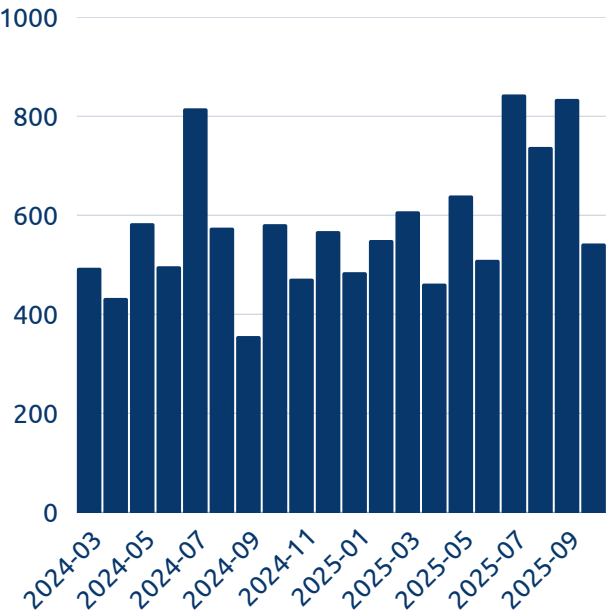
Total Number of DC Sockets



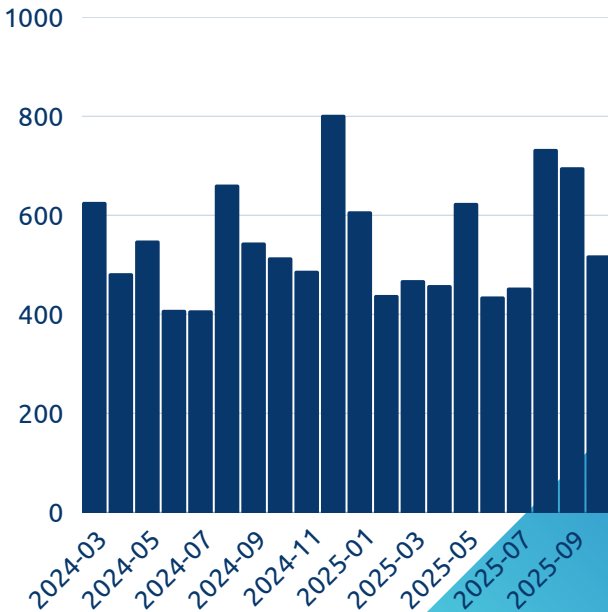
Number of Total Sockets



Cumulative Number of Total Sockets



Number of AC Sockets

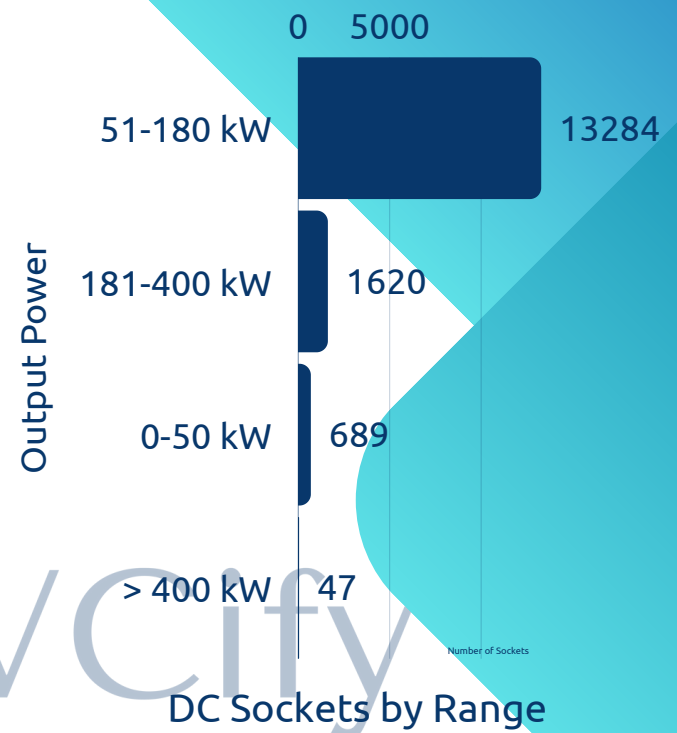
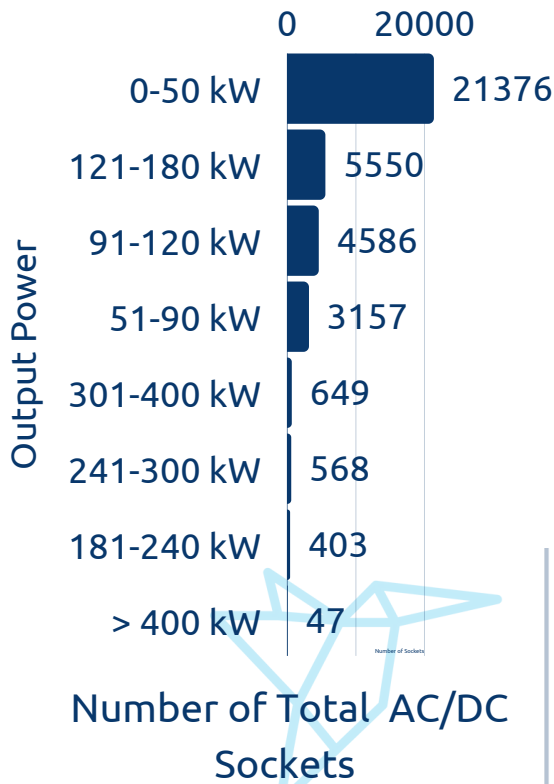


Number of DC Sockets

Source:
1. EMRA, Energy Market Regulatory Authority



Range of Sockets by Power in Türkiye



EVCity
Electric Vehicle Charging Solutions

	Slow Socket ($\leq 22\text{kW}$)	Fast Socket ($> 22\text{kW}$, $\leq 150\text{kW}$)	Ultra Fast Socket ($> 150\text{kW}$)
Number of EVs per Socket	15	36	46
Output Power (kW) per EV	1.25	3.68	4.58

Number of Sockets & Output Power per EV

Source:

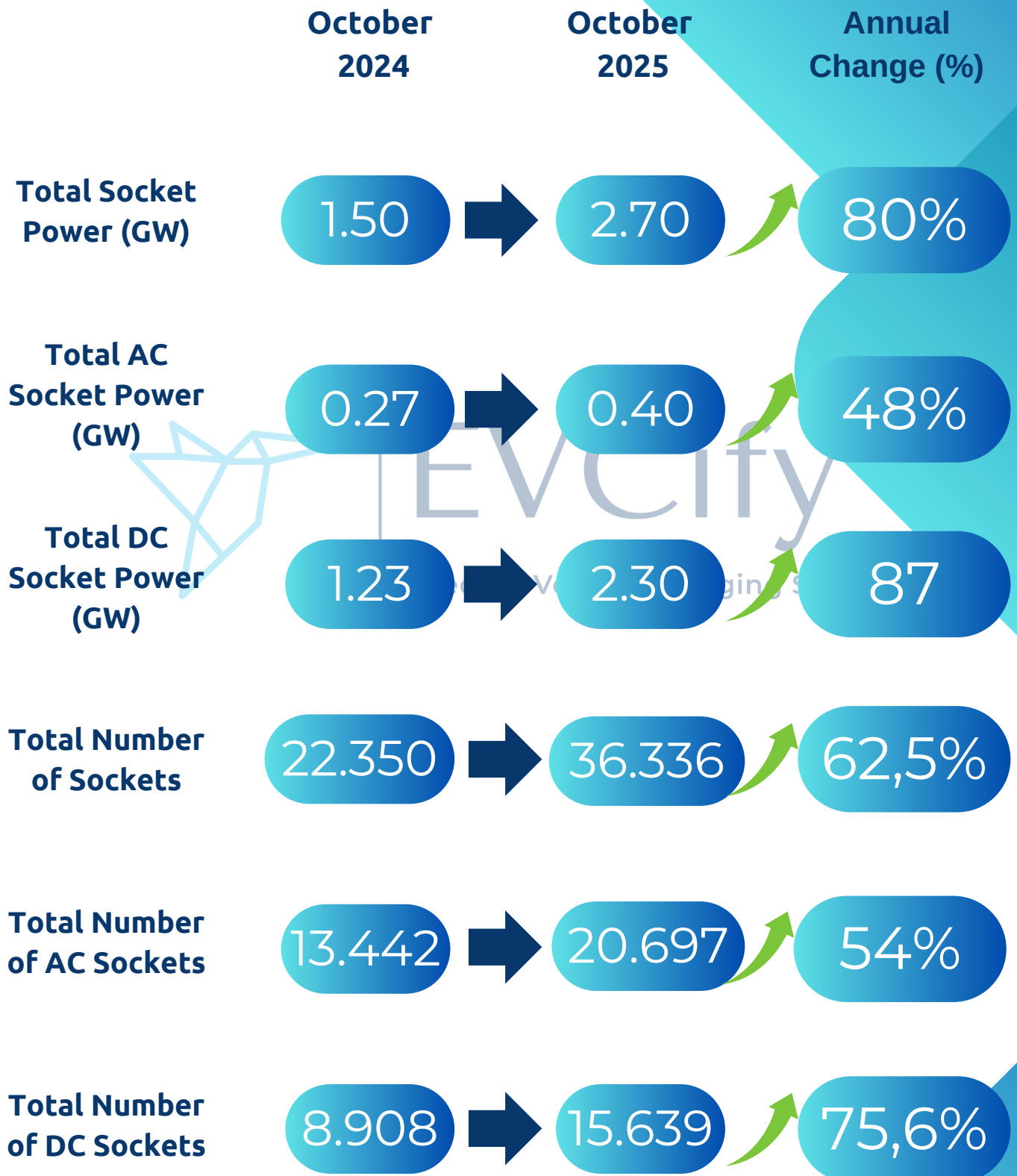
1. EMRA, Energy Market Regulatory Authority



<https://evcity.com>



EV Charging Infrastructure Annual Change



Benchmark Number of Sockets /Output Power by Years

Source:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



Number of EVs in Türkiye

TÜİK, Turkish Statistical Institute



319.155

Total Number of EVs

135.490

January-September
2025 EVs

10.957

September 2025
EVs

8,78

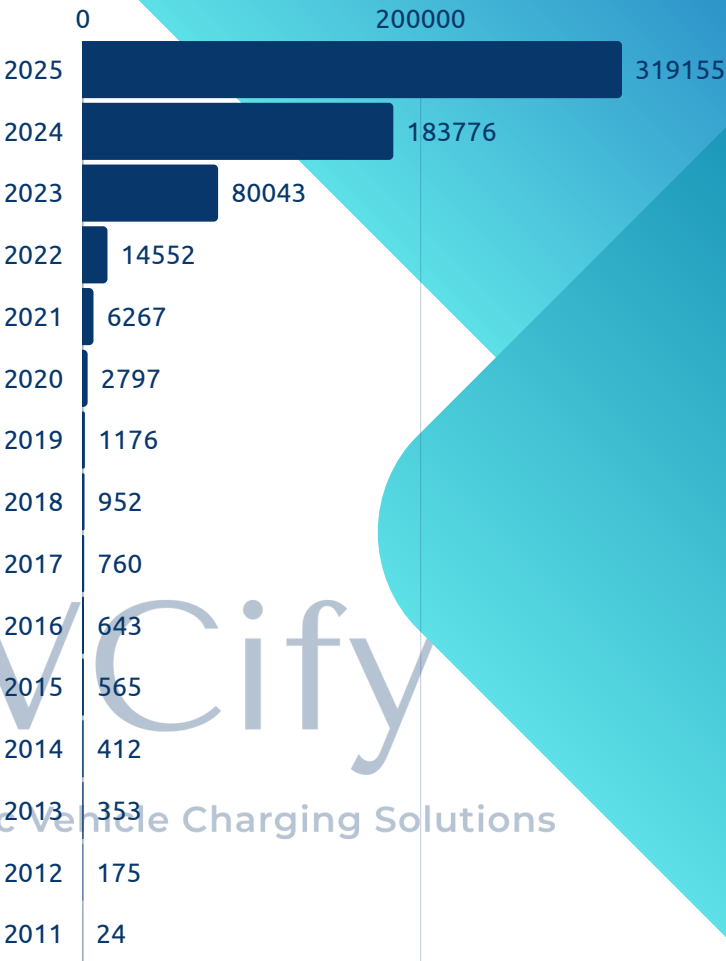
Number of EVs per Total Socket

15,4

Number of EVs
per AC Socket

20,4

Number of EVs
per DC Socket



Number of EVs by Years

September				January-September			
2024		2025		2024		2025	
Number	Market Share%	Number	Market Share%	Number	Market Share%	Number	Market Share%
8.499	13,6	10.957	13,6	65.533	8,8	135.490	17,2

Benchmark Number of EVs by Years

Source:
1. TÜİK, Turkish Statistical Institute
2. PEV is not included



Number of EVs in Türkiye

ODMD-Automotive Distributors & Mobility Association

322.723

Total Number of EVs

132.346

January-September
2025 EVs

12.706

September 2025
EVs

8,88

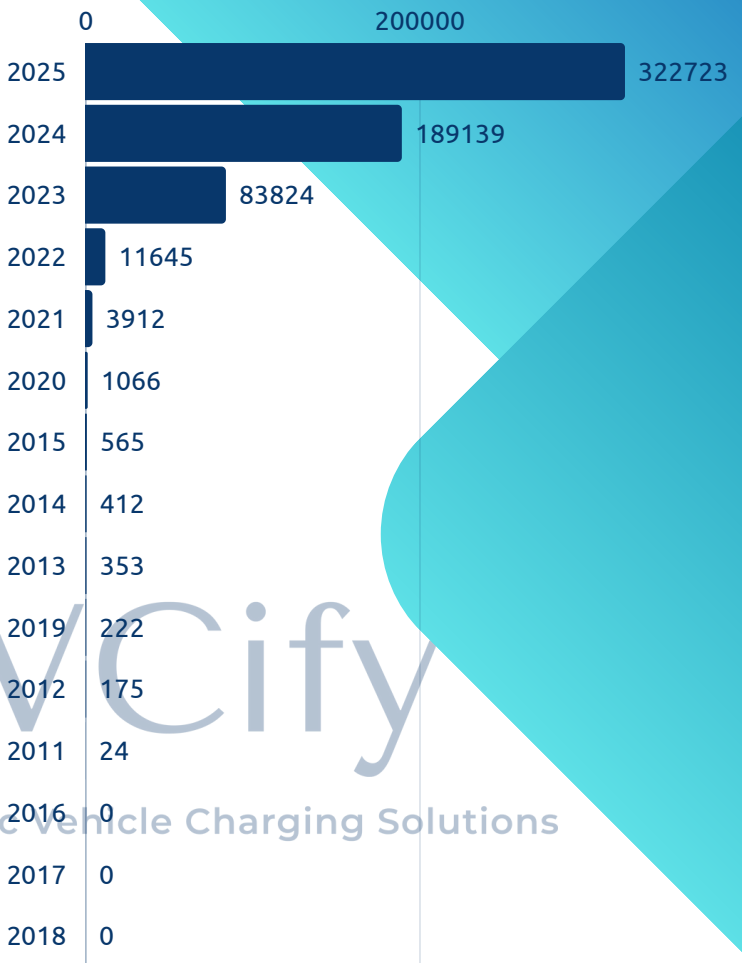
Number of EVs per Total Socket

15,6

Number of EVs
per AC Socket

20,6

Number of EVs
per DC Socket



Number of EVs by Years

September				January-September			
2024		2025		2024		2025	
Number	Market Share%	Number	Market Share%	Number	Market Share%	Number	Market Share%
9.548	13,7	12.706	14,4	56.580	8,4	132.346	17,8

Benchmark Number of EVs by Years

Source:
1. ODMD-Automotive Distributors & Mobility Association



Charging Service Data

September 2025 (AC vs DC)



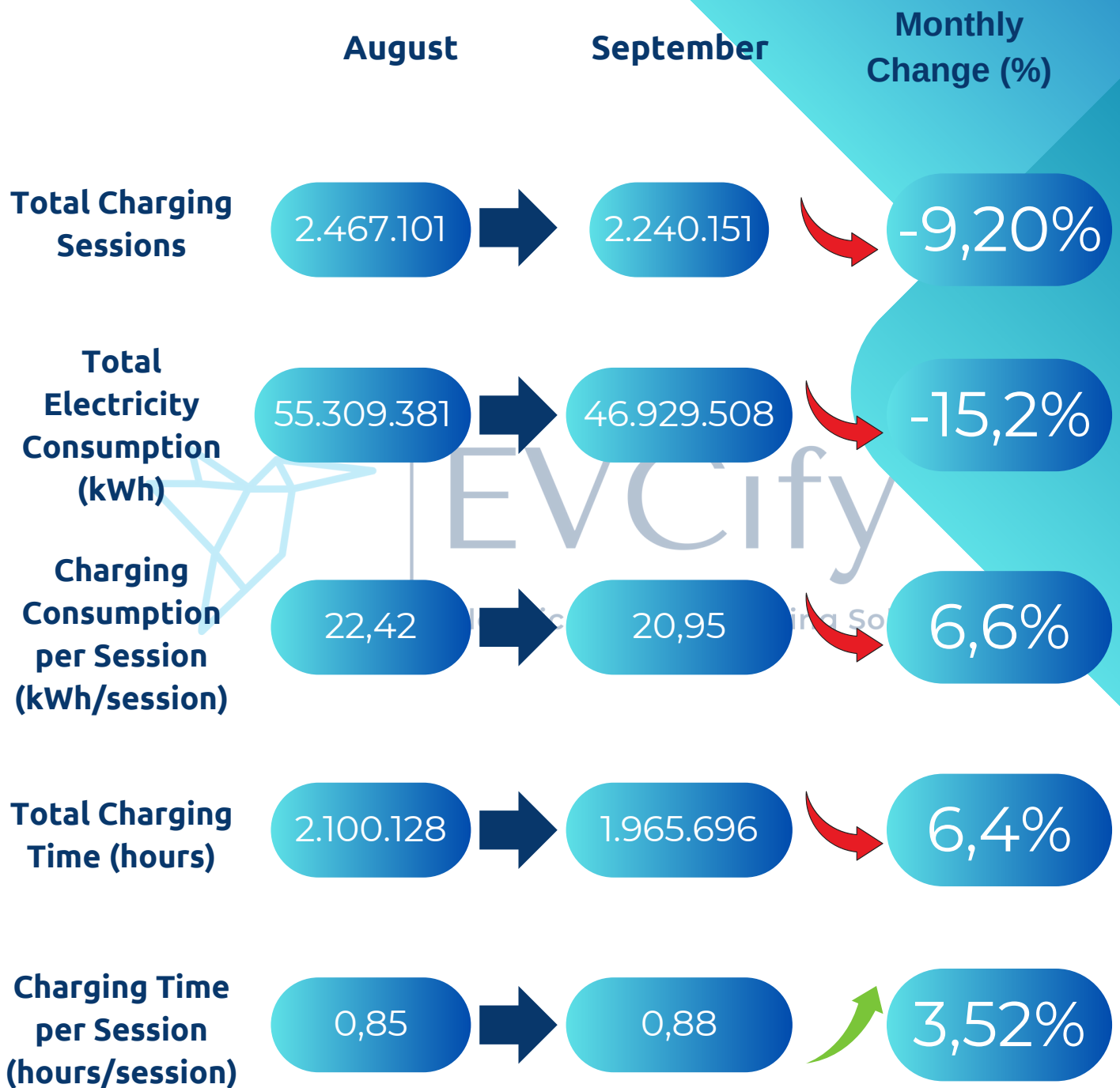
Metric	AC	DC	Share (AC)	Share (DC)
Total Electricity Consumption (kWh)	7,272,860	39,656,648	15.50%	84.50%
Total Charging Time (minutes)	66,526,525	51,415,233	56.41%	43.59%
Total Charging Sessions	820,738	1,419,413	36.64%	63.36%
Consumption per Session (kWh/session)	8.86	27.94	—	—
Time per Session (minutes/session)	81.06	36.22	—	—

Source:
1. EMRA, Energy Market Regulatory Authority



Electricity Consumption (MWh)

Monthly, 2025



Monthly Charging Sessions and Consumption Comparison

Source:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



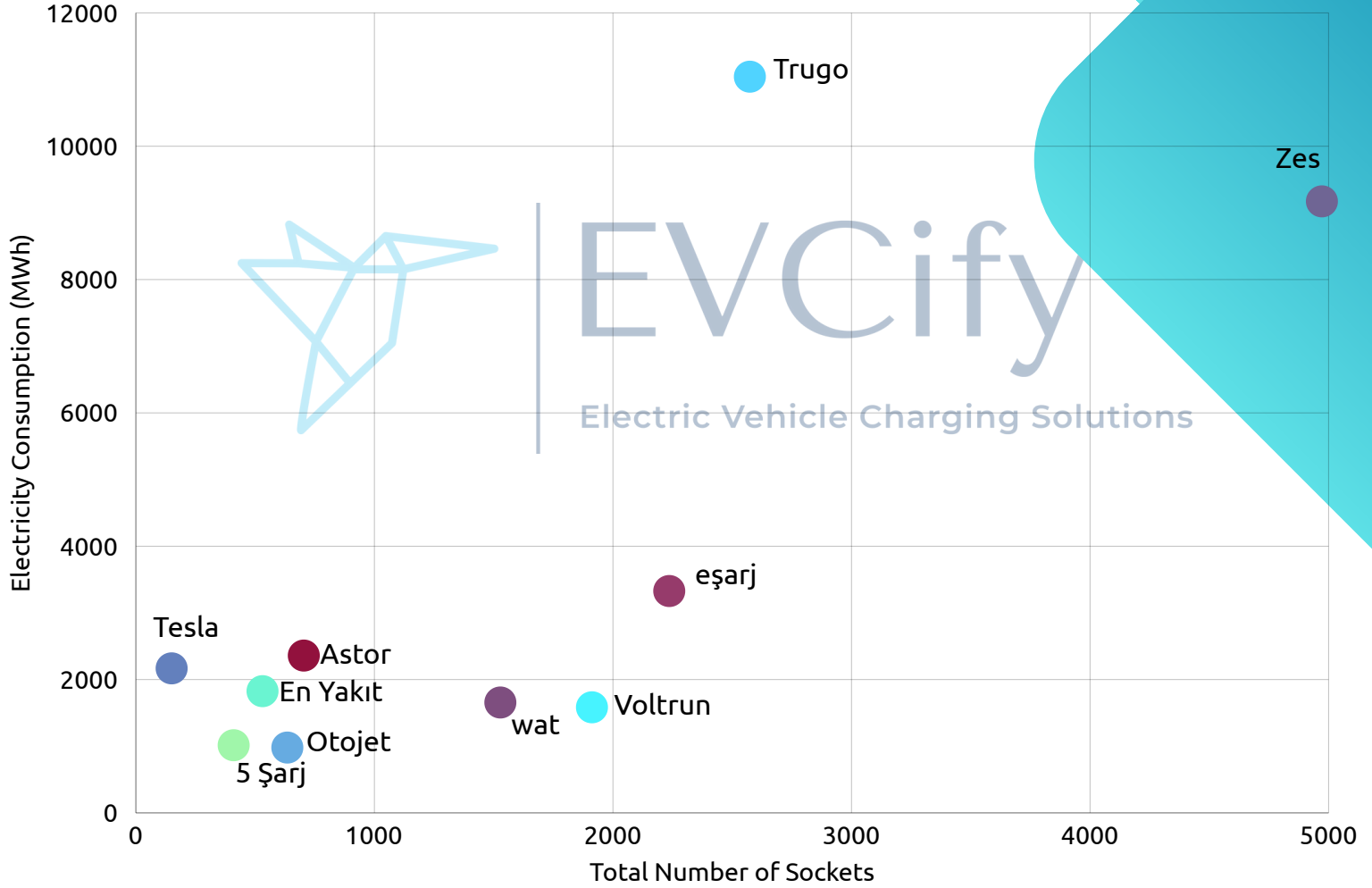
Electricity Consumption (MWh)

Scatter Plot Graph for August



Number of Sockets vs. Electricity Consumption (MWh)

zes Trugo eşarj VOLTRUN wat mobilite ASTOR Otojet
Tesla EN YAKIT 5 şarj



Source:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



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

for September

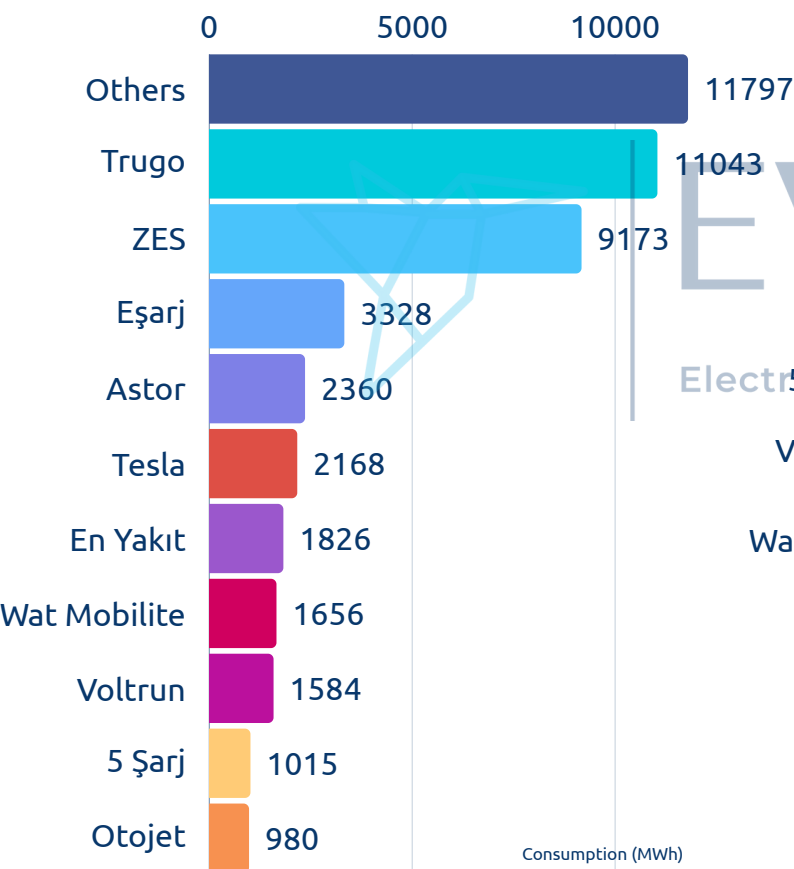


35.133 MWh

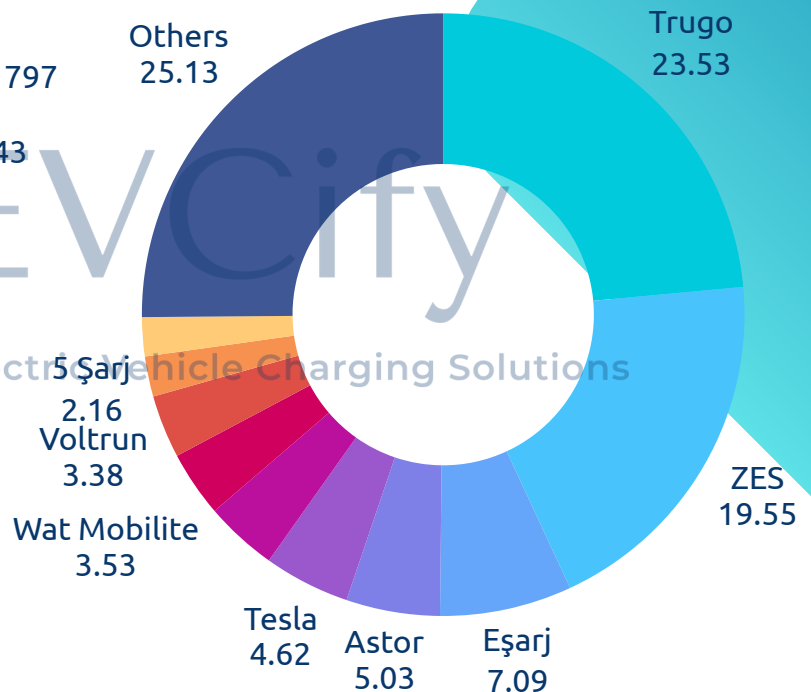
Top 10 CPOs
Total Consumption (MWh)

74,9%

Top 10 CPOs
Total Consumption Share



Total Electricity Consumption (MWh)
by CPOs



Total Consumption Share (%)
by CPOs

Source:
1. EMRA, Energy Market Regulatory Authority



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

for September

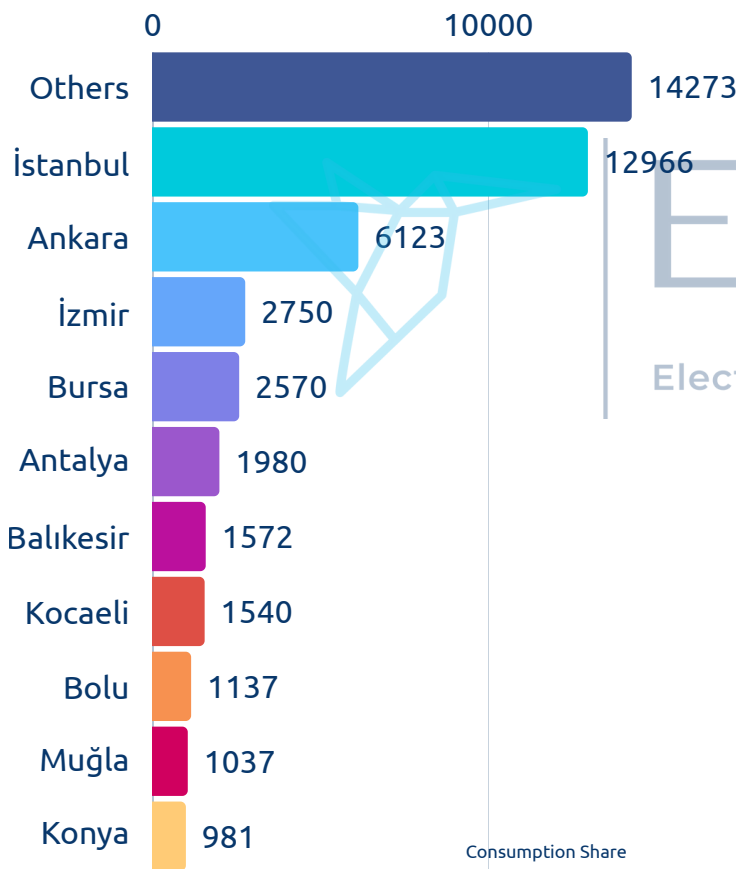


32.657 MWh

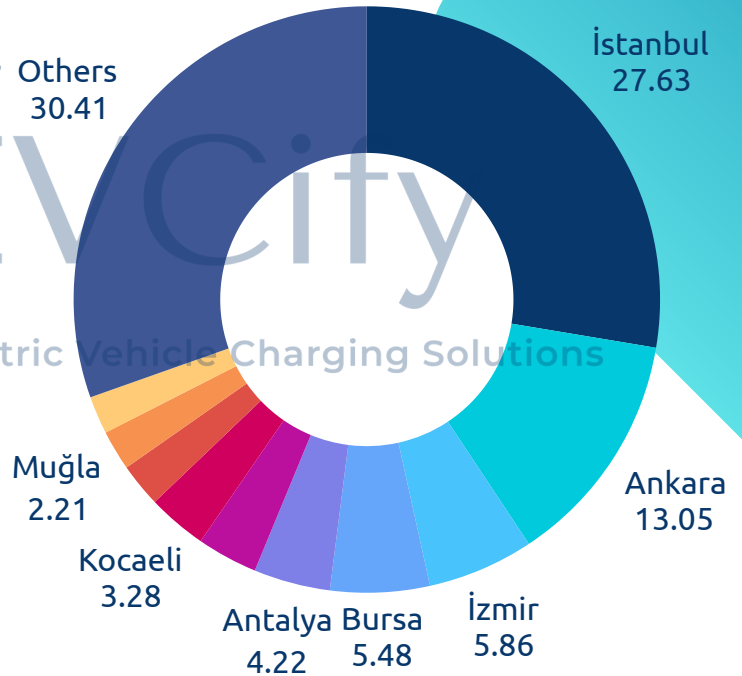
Top 10 Cities
Total Consumption (MWh)

69,69%

Top 10 Cities
Total Consumption Share



Consumption Share (%) by Cities



Consumption Share (%) by Cities

Source:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



Monthly Consumption Data (kWh)

Between January and September, 2025

Month	Total Charging Sessions	Total Electricity Consumption (kWh)	Charging Consumption per Session (kWh/session)
January	1,034,827	19,198,504	18.55
February	1,000,155	18,686,969	18.68
March	1,190,024	21,442,938	18.02
April	1,143,170	28,502,791	24.93
May	1,549,854	29,243,716	18.87
June	1,920,138	37,648,050	19.61
July	2,242,379	45,605,809	20.34
August	2,467,101	55,309,381	22.42
September	2,240,151	46,929,508	20.95

Source:
1. EMRA, Energy Market Regulatory Authority



Monthly Charging Service Data

Between January and August, 2025



Month	Total Charging Sessions	Total Charging Time (hours)	Charging Time per Session (hours/session)
January	1.034.827	999.567	0,97
February	1.000.155	1.013.068	1,01
March	1.190.024	1.115.747	0,94
April	1.143.170	1.338.556	1,17
May	1.549.854	1.394.648	0,90
June	1.920.138	1.539.391	0,80
July	2.242.379	1.873.750	0,84
August	2.467.101	2.100.128	0,85
September	2,240,151	1,965,696	0.88

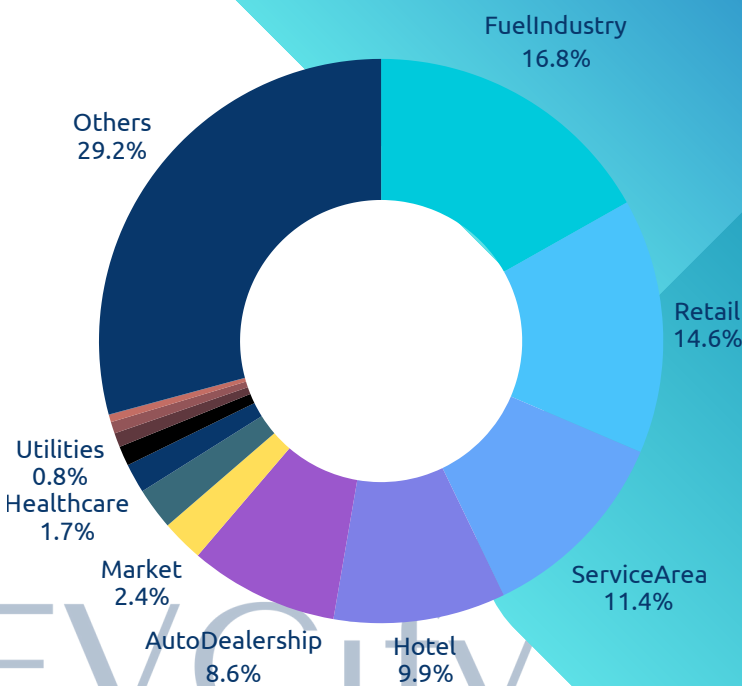
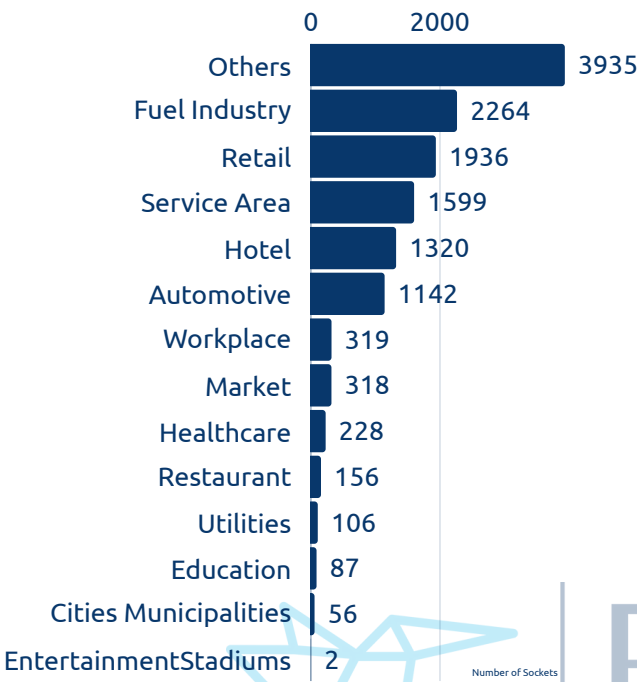
Source:
1. EMRA, Energy Market Regulatory Authority



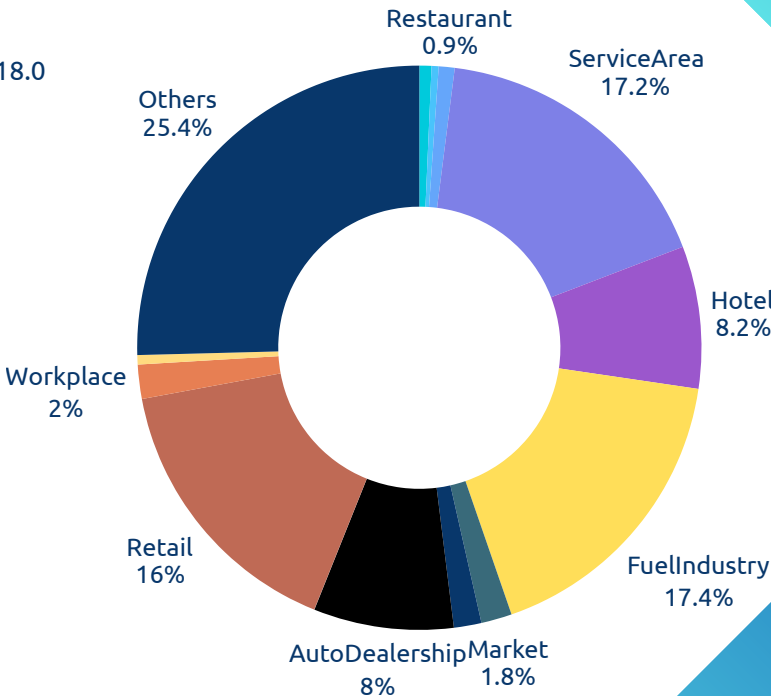
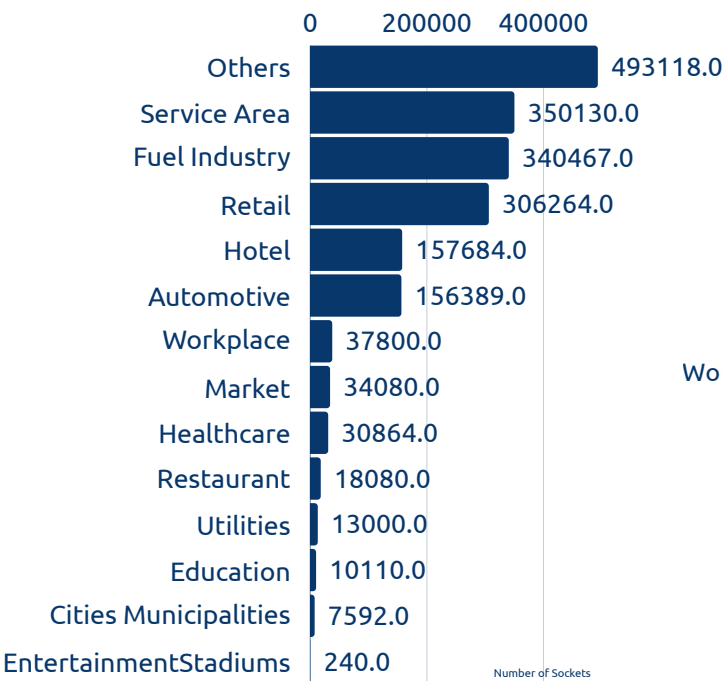
Installed DC Sockets By Sectors



Not updated this month, data is for June



Number of Sockets
Electric Vehicle Charging Solutions

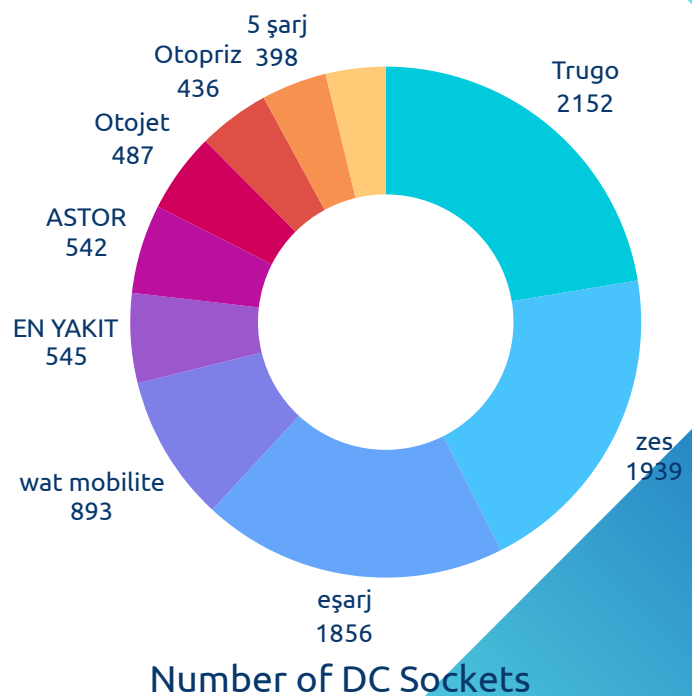
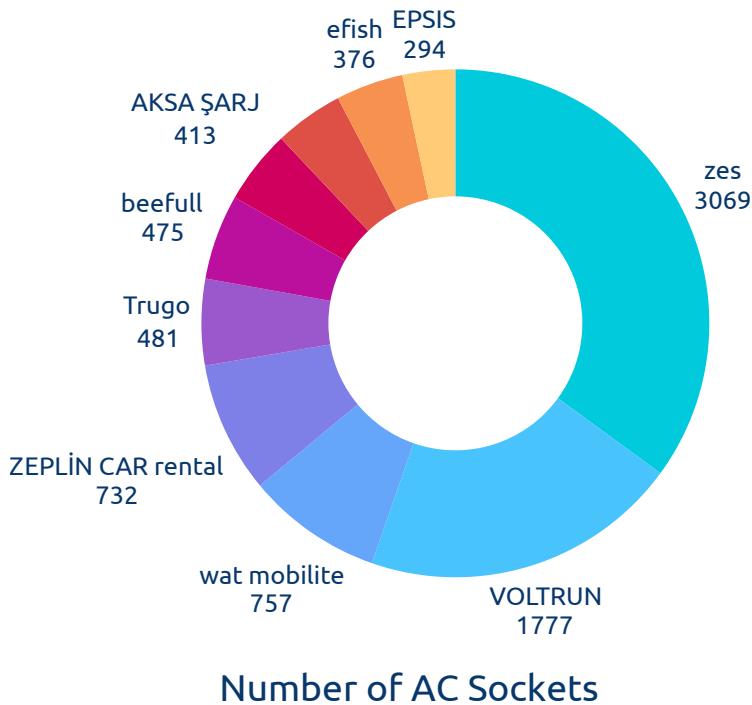
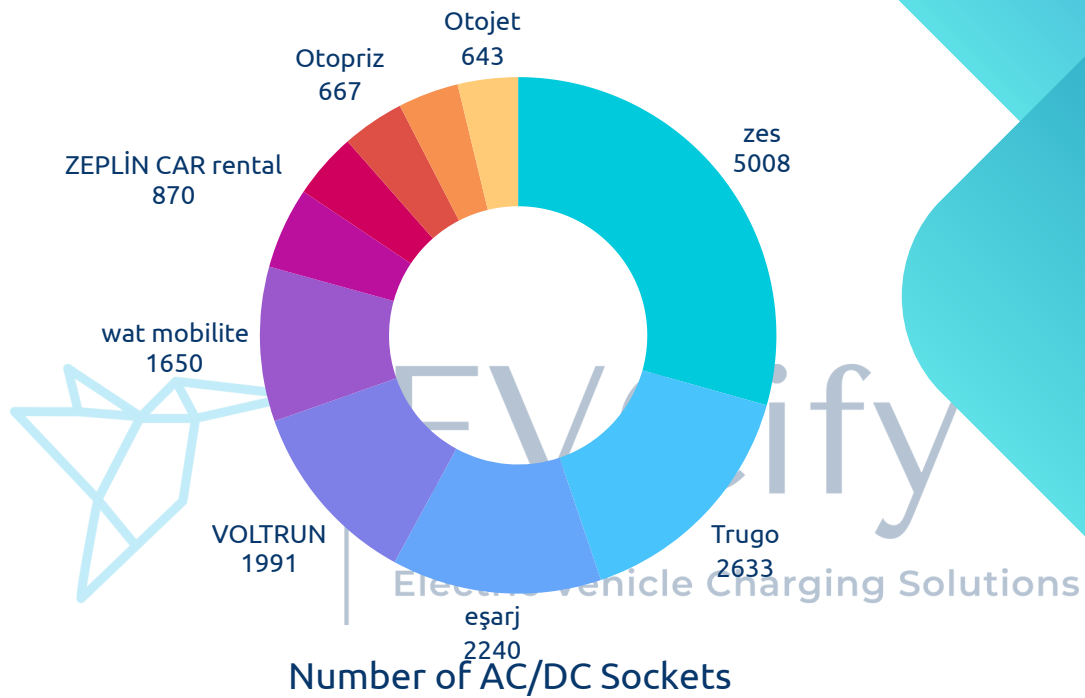
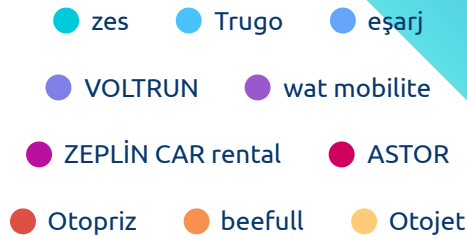


Output Power of Sockets (kW)

Source:
1. EMRA, Energy Market Regulatory Authority



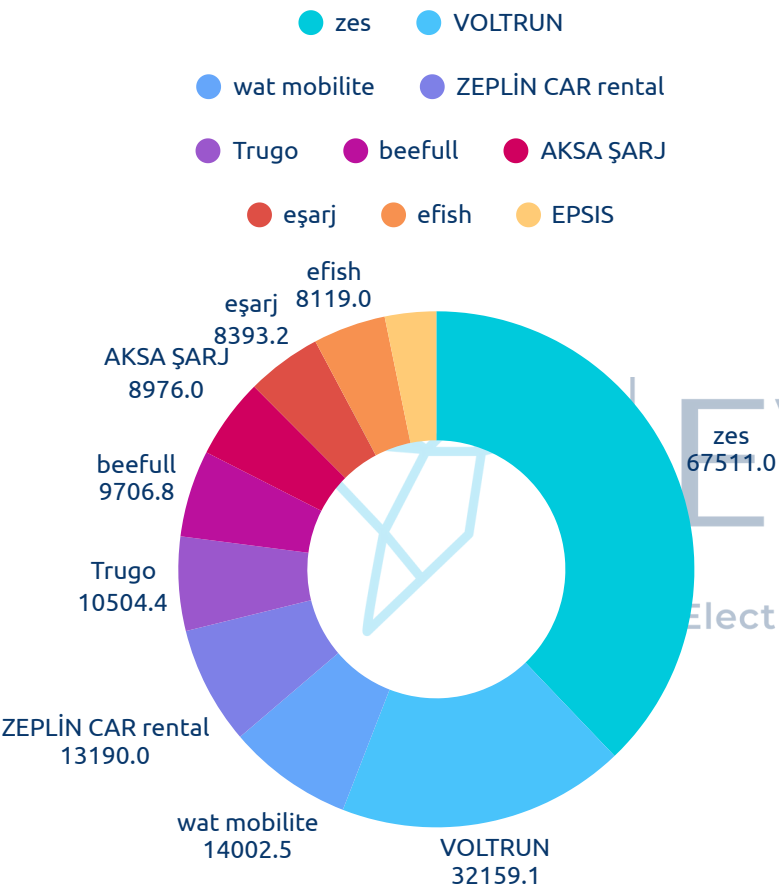
Top 10 CPOs with the Highest Number of Sockets



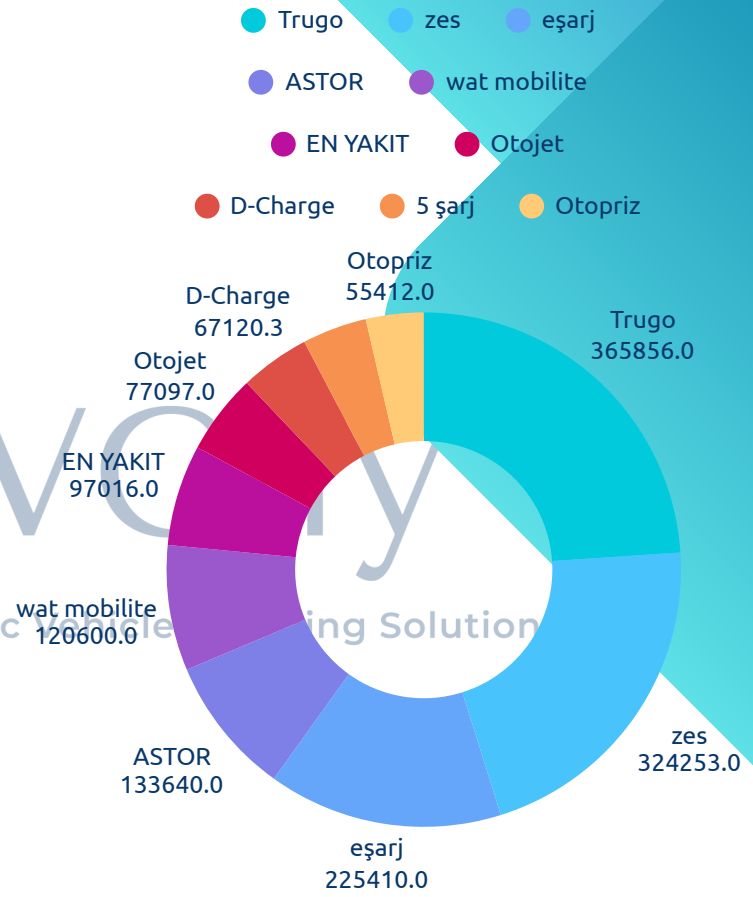
Source:
1. EMRA, Energy Market Regulatory Authority



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)

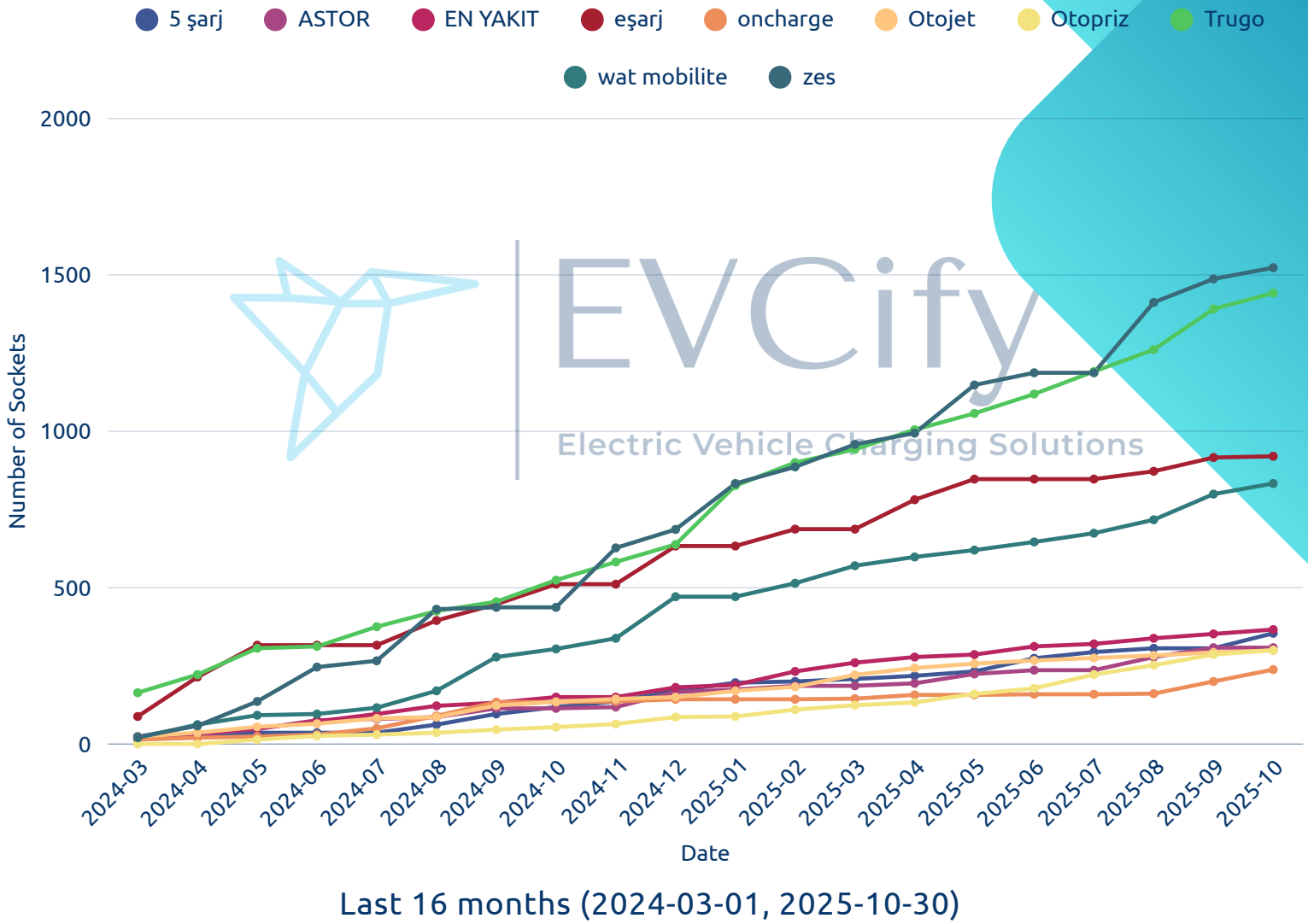
Source:
1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



DC Socket Investments of Leader 10 CPOs



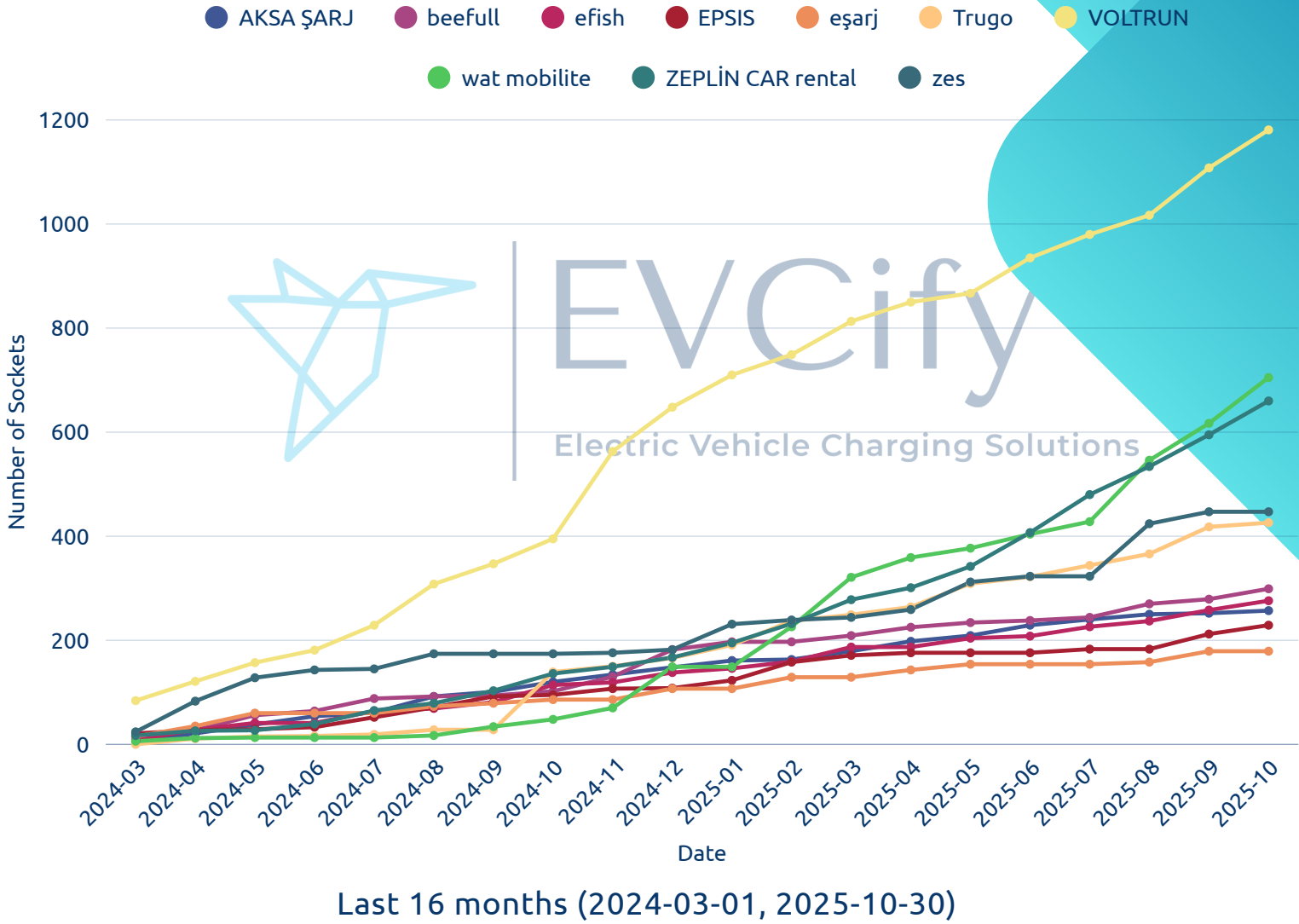
Source:
1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



AC Socket Investments of Leader 10 CPOs



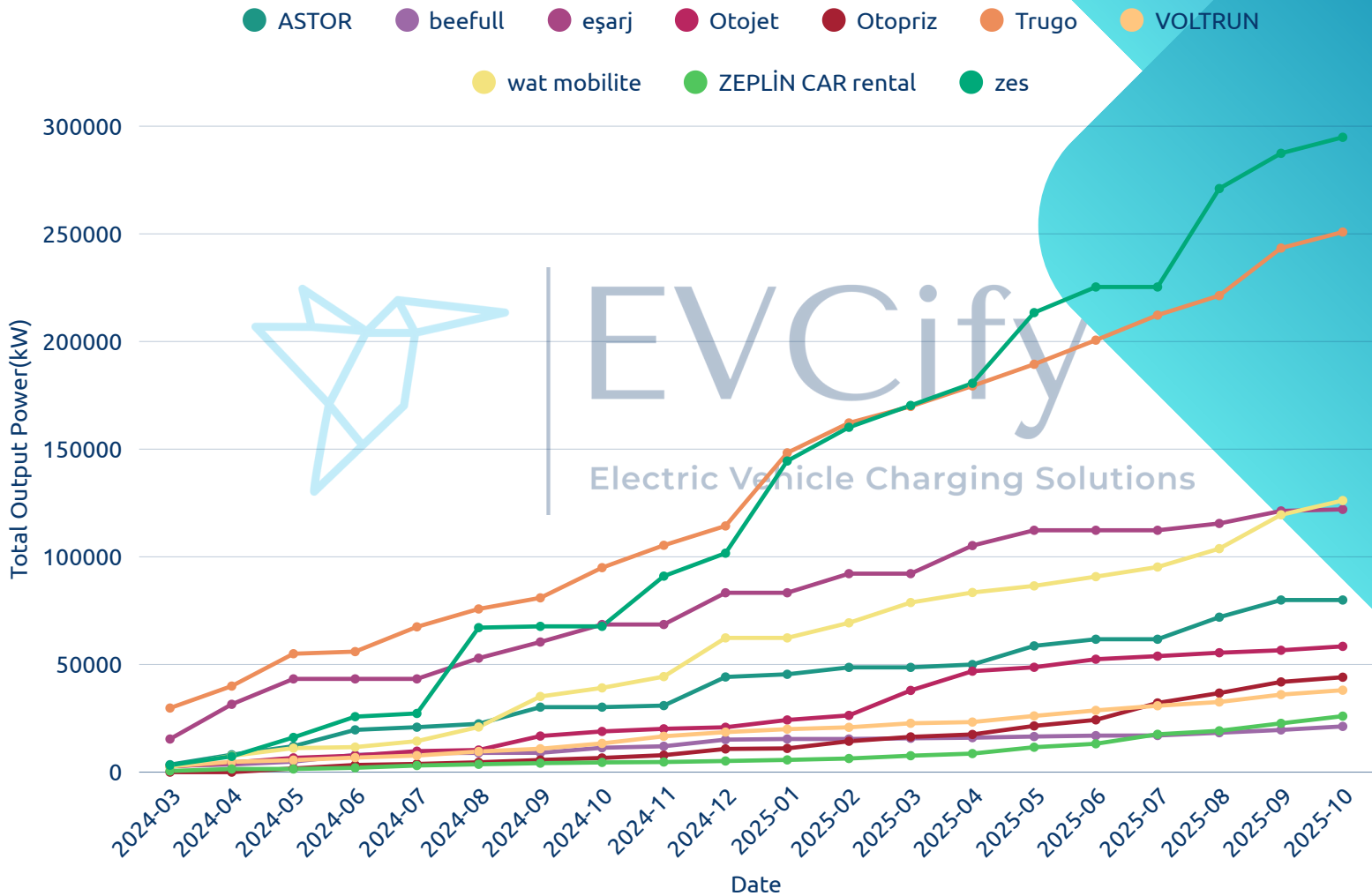
Source:
1. EMRA, Energy Market Regulatory Authority



<https://evcityfy.com>



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



Last 16 months (2024-03-01, 2025-10-30)

Source:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



AC Socket Market Share

Top 5 Charging Point Operators



20.697

Total Number
of AC Sockets

6.816

Top 5
CPOs

32,9

Market
Share (%)

CPO	Number of Sockets	Market Share (%)
zes	3069	14.83
VOLTRUN	1777	8.59
wat mobilite	757	3.66
ZEPLİN CAR rental	732	3.54
Trugo	481	2.32

Kaynak:

1. EMRA, Energy Market Regulatory Authority



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DC Socket Market Share

Top 5 Charging Point Operators



15.639

Total Number
of DC Sockets

7385

Top 5
CPOs

47,22

Market
Share (%)

CPO	Number of Sockets	Market Share (%)
Trugo	2152	13.76
zes	1939	12.40
eşarj	1856	11.87
wat mobilite	893	5.71
EN YAKIT	545	3.48

Kaynak:

1. EMRA, Energy Market Regulatory Authority



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AC/DC Socket Market Share



Top 5 Charging Point Operators

36.336

Toplam
AC/DC Soket Sayısı

13.522

Top 5
Şarj Ağı Operatörü

37,21

Pazar
Payı (%)

Şarj Ağı Operatörü	Soket Sayısı	Pazar Oranı (%)
zes	5008	13.78
Trugo	2633	7.25
eşarj	2240	6.16
VOLTRUN	1991	5.48
wat mobilite	1650	4.54

Kaynak:

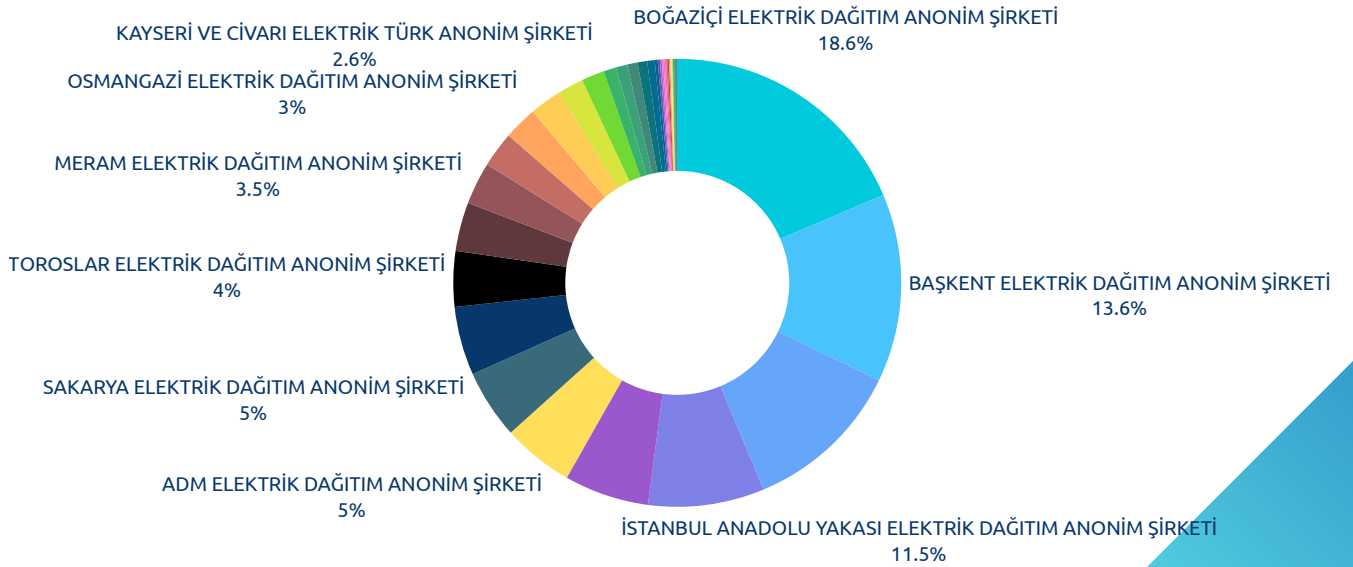
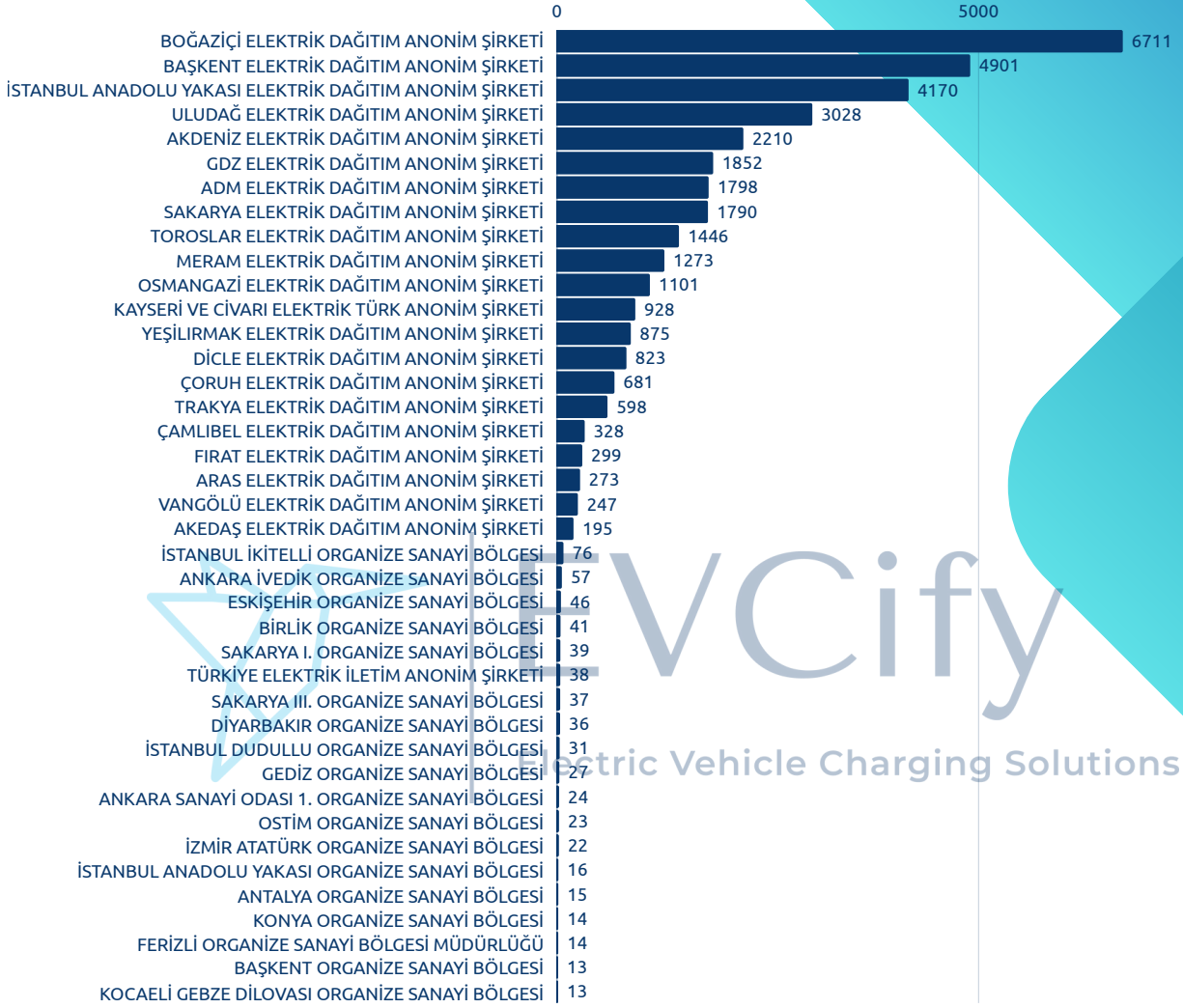
1. EMRA, Energy Market Regulatory Authority



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Number of Sockets By Electricity Energy Distribution Regions



Number of Sockets

Source:

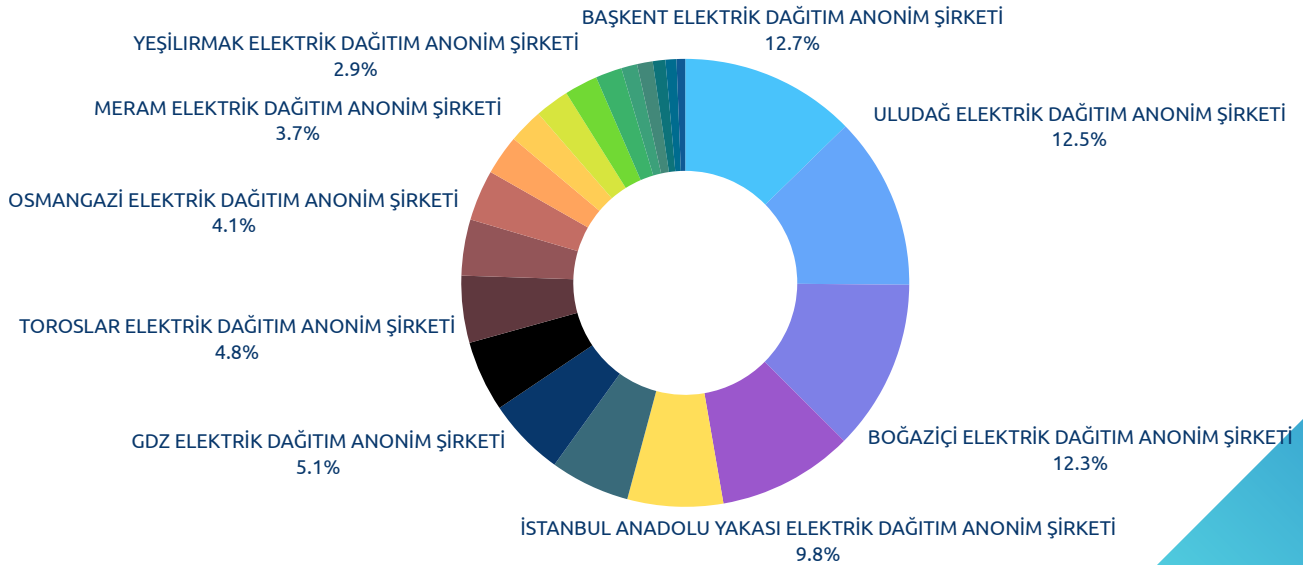
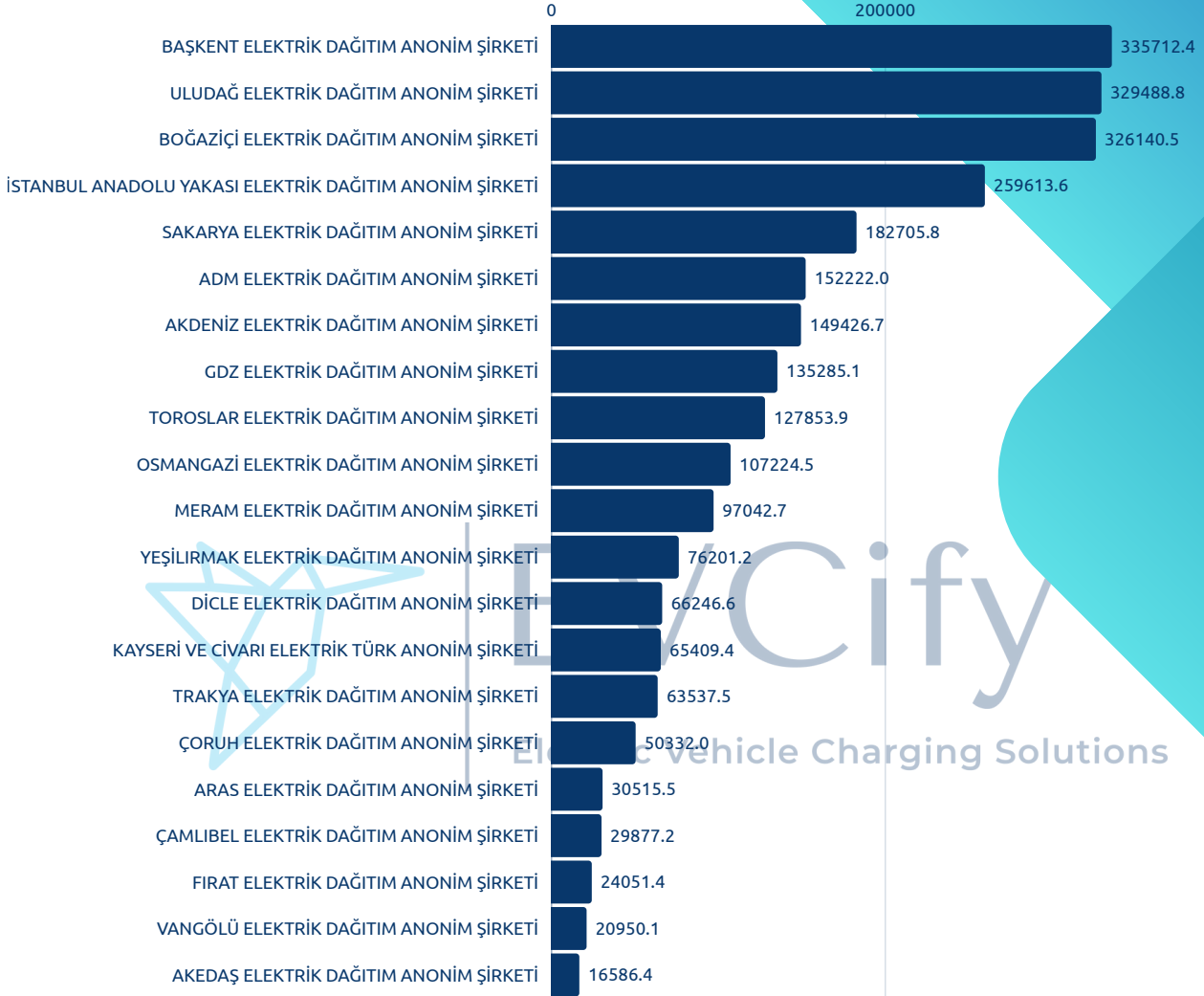
1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



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



Output Power of Sockets (kW)

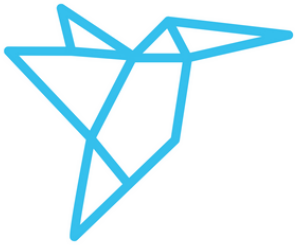
Source:

1. EMRA, Energy Market Regulatory Authority



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