



Switch
To
Electric
Vehicle

EVCify

Electric Vehicle Charging Solutions

EV Charging Network

Assessment of November 2025 in Türkiye (*The 16th 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 October 2025 report shows sustained strong demand for EV charging, with **47.4 million kWh** of electricity consumed in a single month, slightly **higher** than **September's** record, yet remaining among the highest levels recorded to date.
- **Infrastructure Growth:**
 - By November 2025, the total number of sockets reached **37,592**:
 - **21,514** AC sockets
 - **16,078** DC sockets
 - During October alone, **1,397 new sockets** were added.
 - Boğaziçi Elektrik Dağıtım A.Ş. leads with the **highest** number of installed sockets (**7,099**).
 - BAŞKENT Elektrik Dağıtım A.Ş. holds the **largest** installed power capacity (**354.173 kW**).
- **Consumption Split (October 2025):**
 - **DC charging accounted for 82,94%** of total electricity consumption.
 - **AC charging accounted for 17,06%.**

→ 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, 1.24 kW/EV**
- Fast Socket ($> 22\text{kW}$, $\leq 150\text{kW}$): **36 EVs per socket, 3.63 kW/EV**
- Ultra-Fast Socket ($> 150\text{kW}$): **46 EVs per socket, 4.56 kW/EV**

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

- **Market Penetration (TÜİK):**

- EV sales in October 2025: **12,863 units**
- Cumulative Jan–Oct 2025 sales: **148,353 units**
- Total EV stock in Turkey: **332,010 vehicles**

- **Market Penetration (ODMD):**

- EV sales in September 2025: **14,427 units**
- Cumulative Jan–Sep 2025 sales: **146,773 units**
- Total EV stock in Turkey: **337,150 vehicles**

- **Operator Concentration:**

- In October 2025, the **Top 10 CPOs consumed 34,223 MWh**, representing **72,1%** of total demand.

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

- **Regional Concentration:**

- In September 2025, the **Top 10 provinces consumed 33,793 MWh**, covering **71,2%** of total demand.

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





Electric Vehicle Charging Solutions



Number of Sockets in Türkiye



2.785

Total Socket Power (GW)

37.592

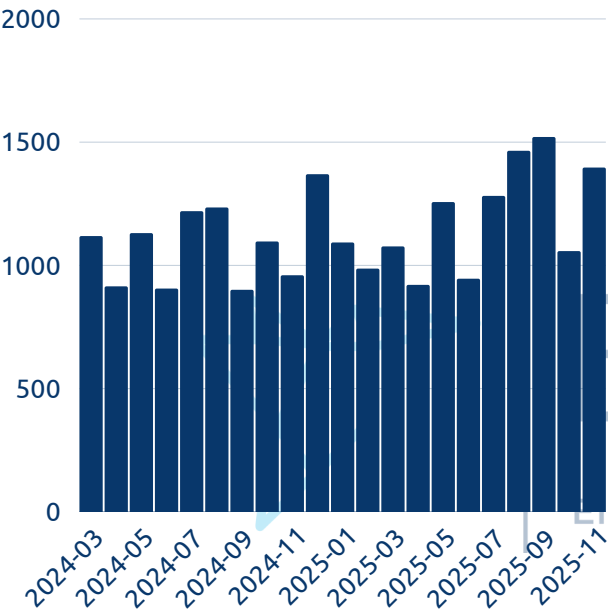
Total Number of Sockets

21.514

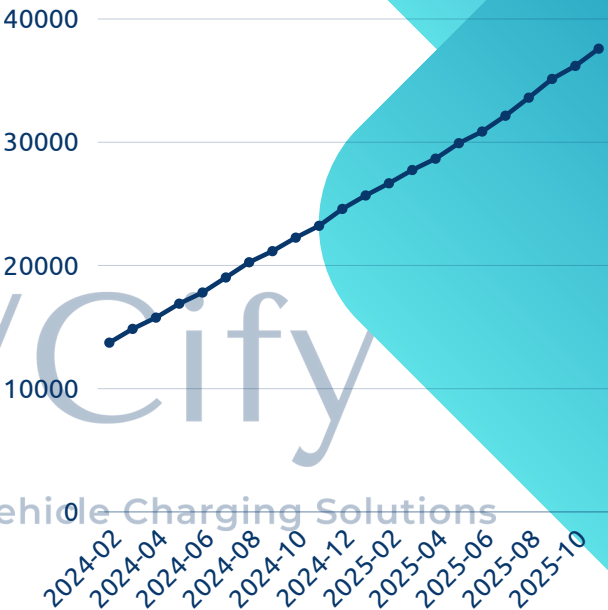
Total Number of AC Sockets

16.078

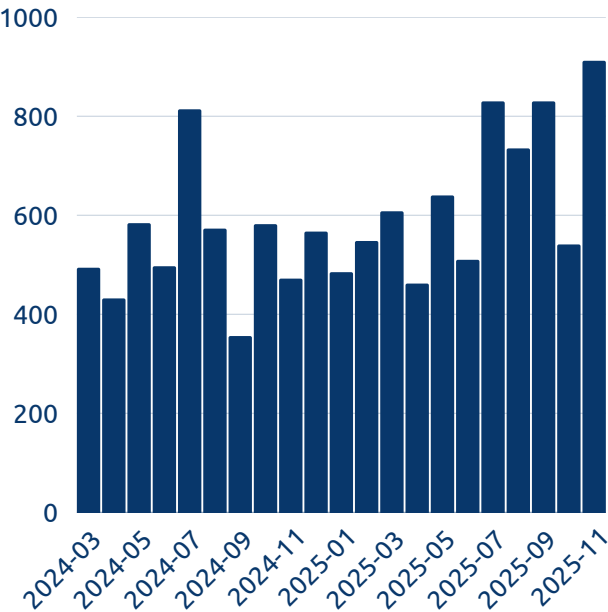
Total Number of DC Sockets



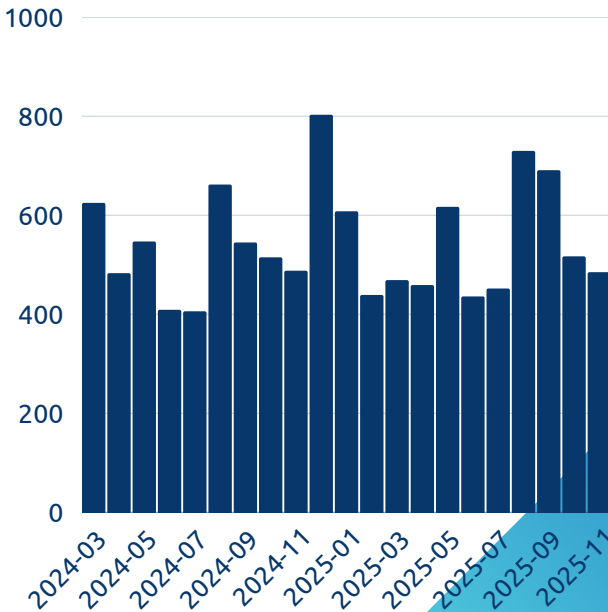
Number of Total Sockets



Cumulative Number of Total Sockets



Number of AC Sockets

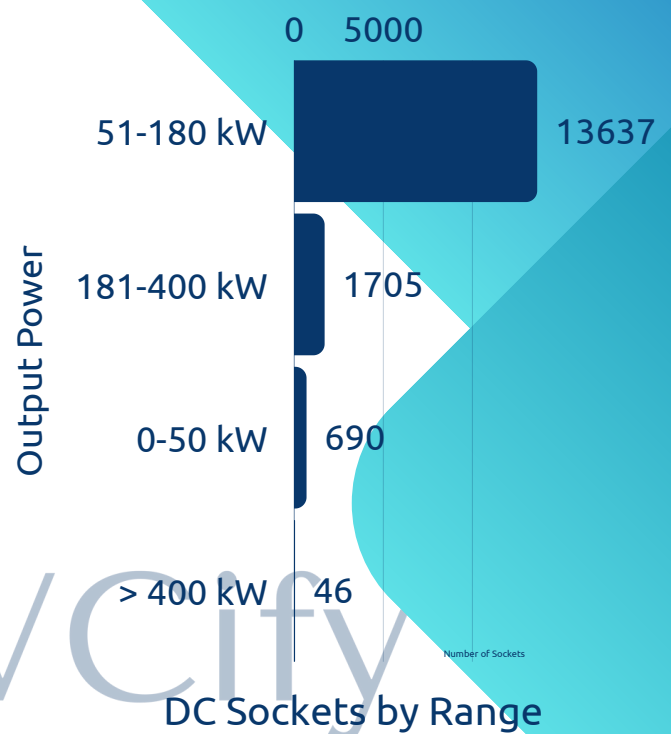
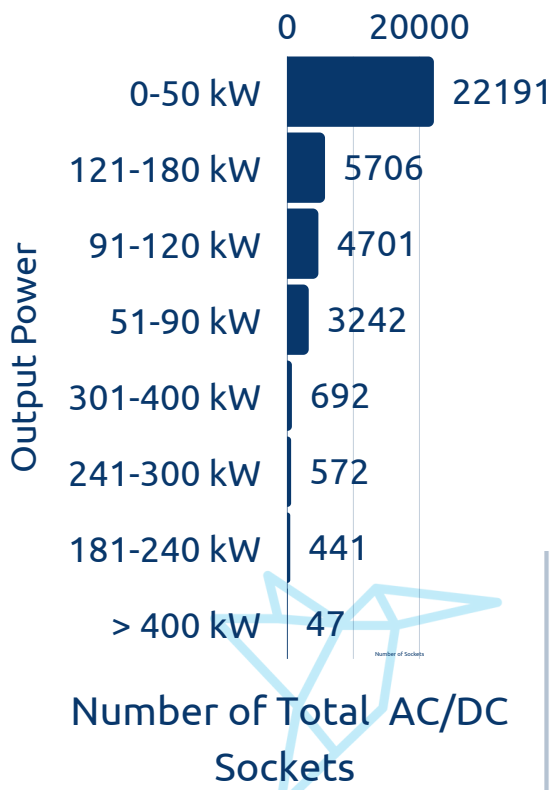


Number of DC Sockets

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	1.24	3.63	4.56

Number of Sockets & Output Power per EV

Source:

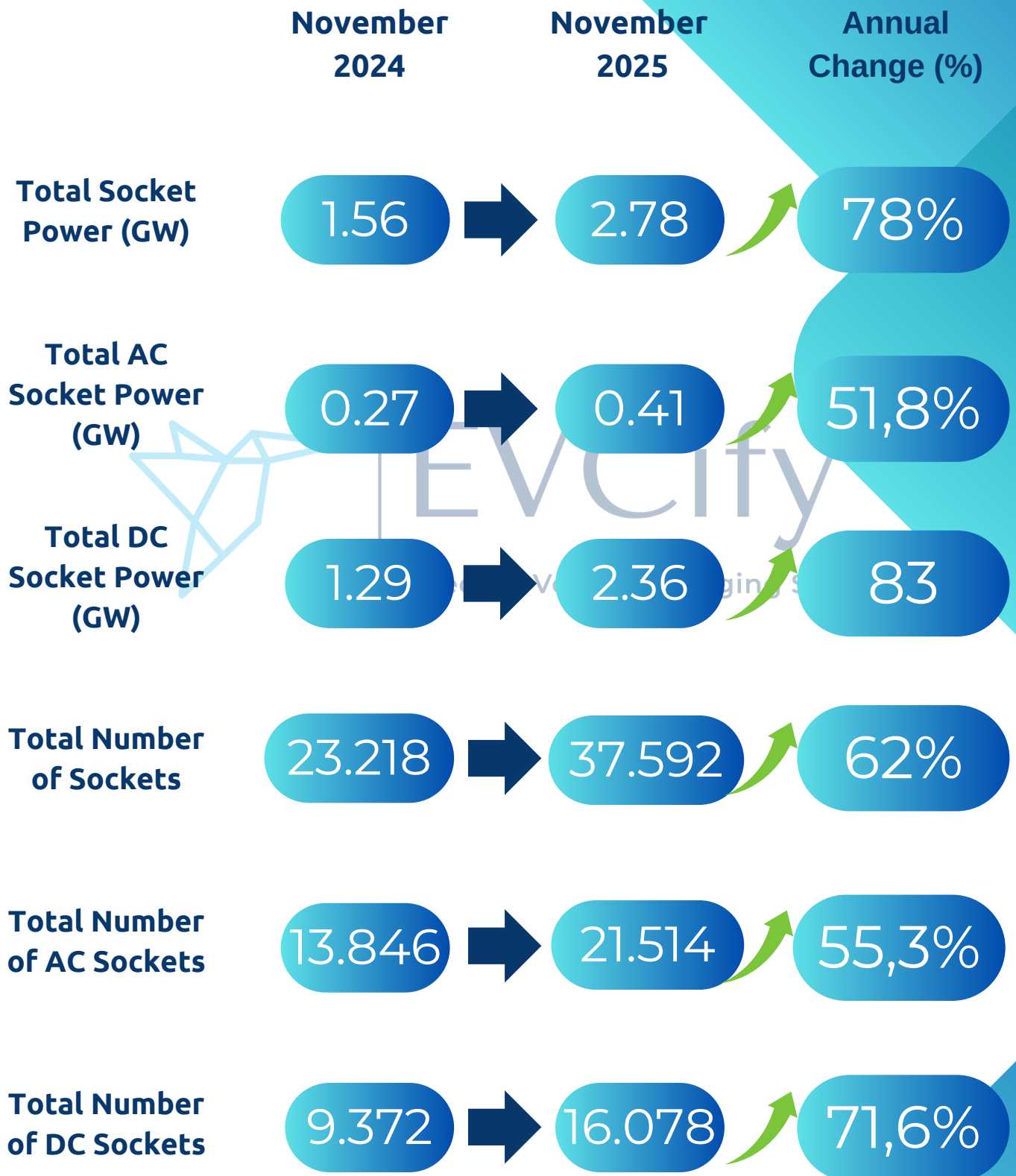
1. EMRA, Energy Market Regulatory Authority



<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



332.010

Total Number of EVs

148.353

January-October
2025 EVs

12.863

October 2025
EVs

8,83

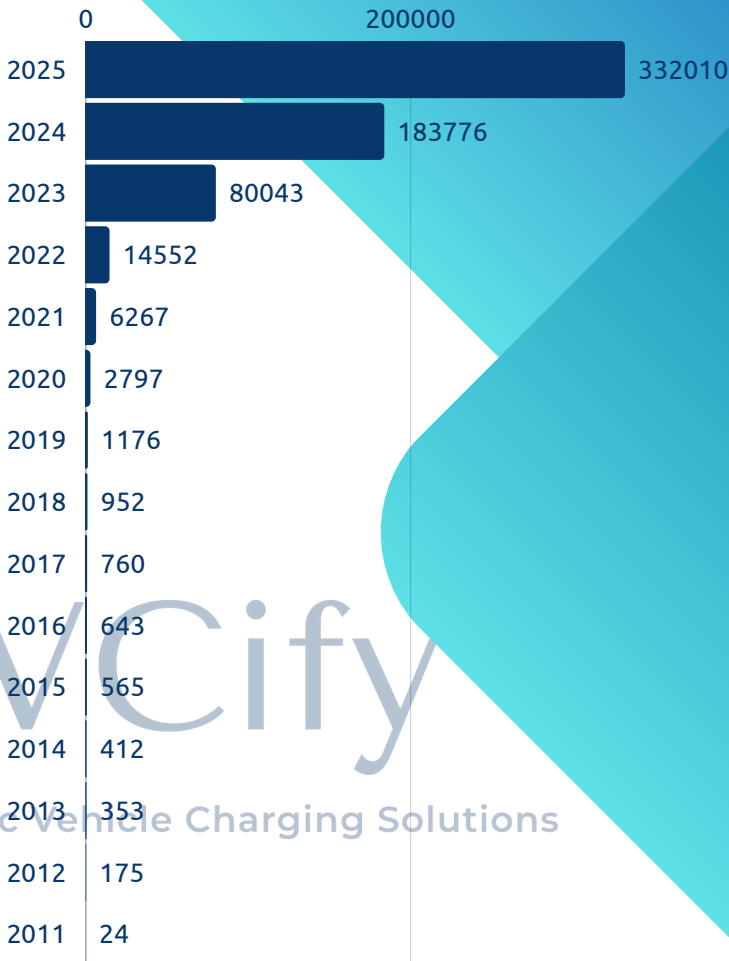
Number of EVs per Total Socket

15,43

Number of EVs
per AC Socket

20,64

Number of EVs
per DC Socket



Number of EVs by Years

October				January-October			
2024		2025		2024		2025	
Number	Market Share%	Number	Market Share%	Number	Market Share%	Number	Market Share%
8.284	11,1	12.863	14,7	73.817	9,0	148.353	16,9

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

337.150

Total Number of EVs

146.773

January-October
2025 EVs

14.427

October 2025
EVs

8,97

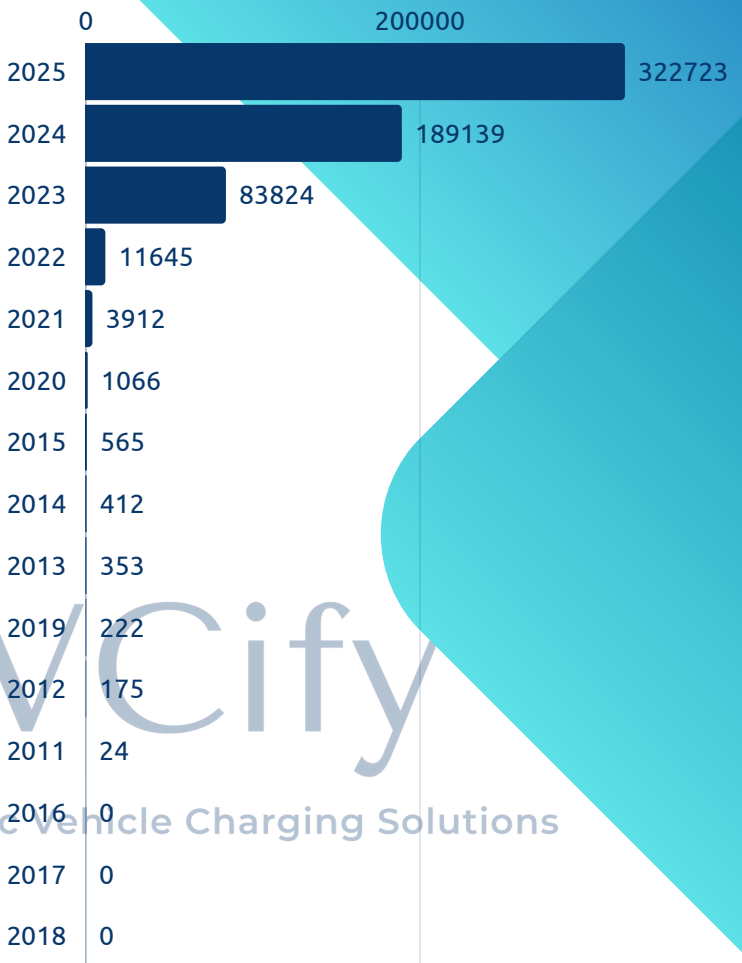
Number of EVs per Total Socket

15,68

Number of EVs
per AC Socket

21

Number of EVs
per DC Socket



Number of EVs by Years

October				January-October			
2024		2025		2024		2025	
Number	Market Share%	Number	Market Share%	Number	Market Share%	Number	Market Share%
8.341	11,0	14.427	15,9	64.921	8,6	146.773	17,6

Benchmark Number of EVs by Years

Source:
1. ODMD-Automotive Distributors & Mobility Association



Charging Service Data

October 2025 (AC vs DC)



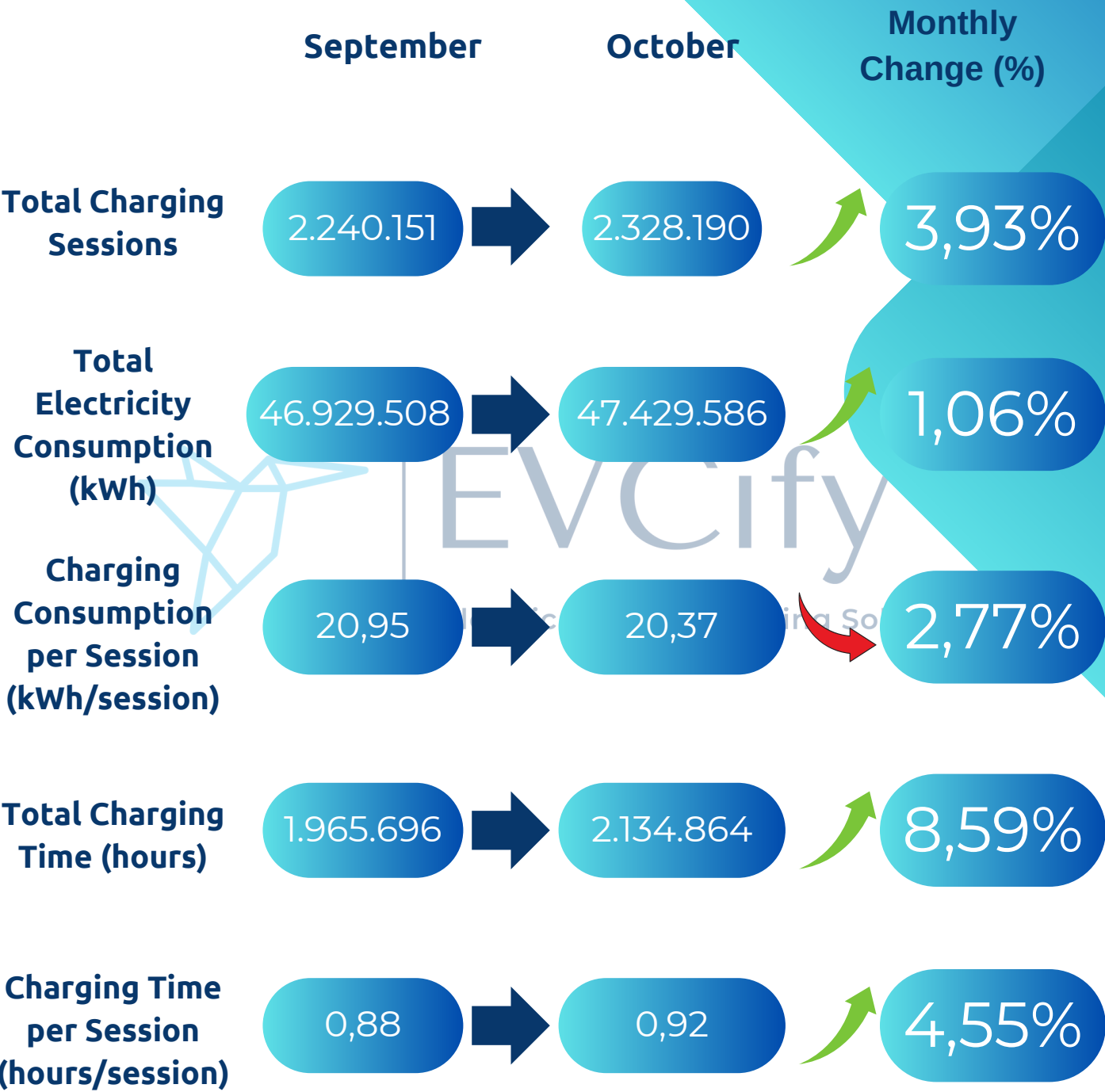
Metric	AC	DC	Share (AC)	Share (DC)
Total Electricity Consumption (kWh)	8.091.708	39.337.878	17,06%	82,94%
Total Charging Time (minutes)	75.971.760	52.120.080	59,31%	40,69%
Total Charging Sessions	880.354	1.447.836	37,81%	62,19%
Consumption per Session (kWh/session)	9,19	27,17	–	–
Time per Session (minutes/session)	86,30	36,00	–	–

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

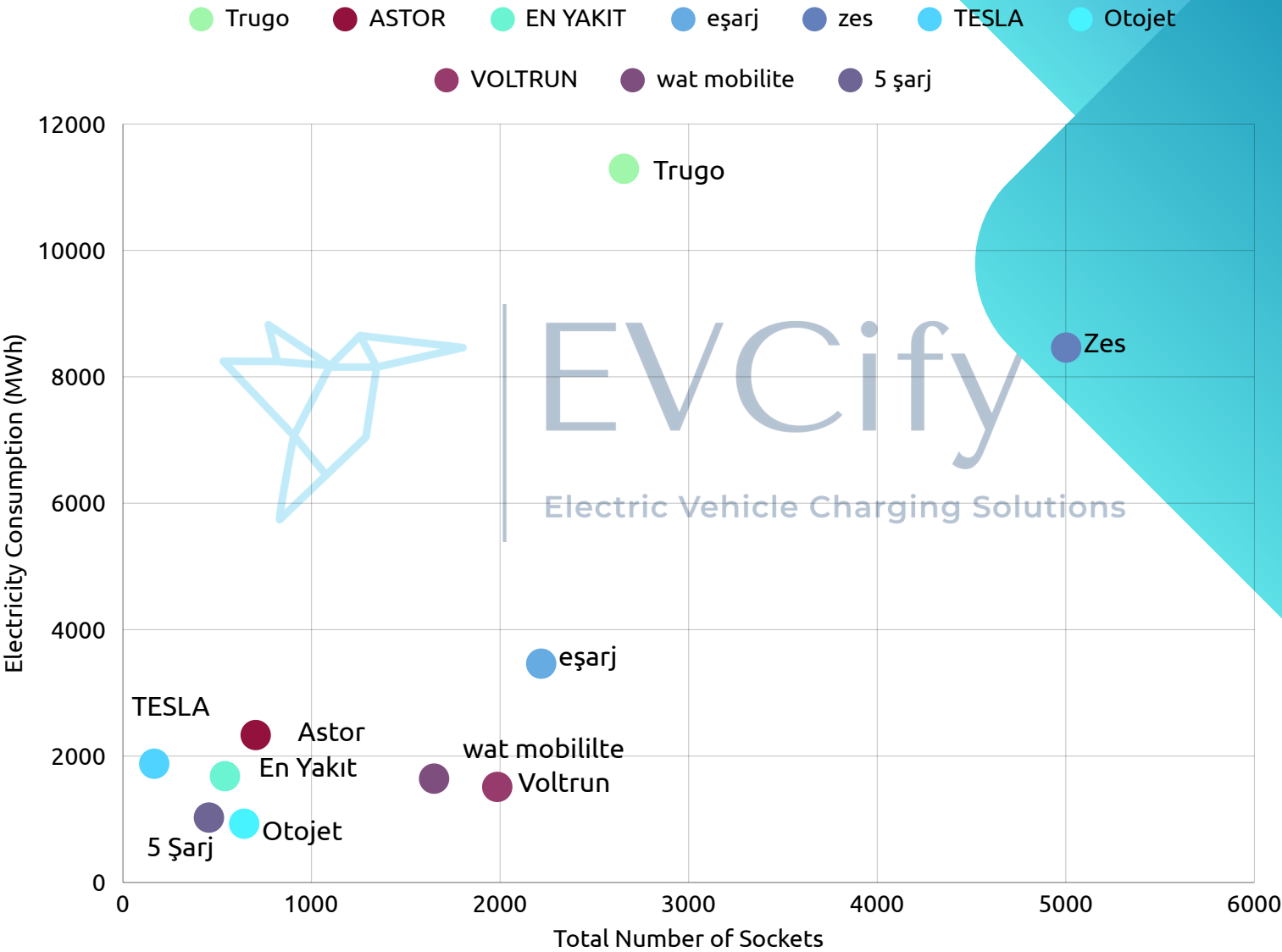


Electricity Consumption (MWh)

Scatter Plot Graph for October



Number of Sockets vs. Electricity Consumption (MWh)



Source:
1. EMRA, Energy Market Regulatory Authority



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

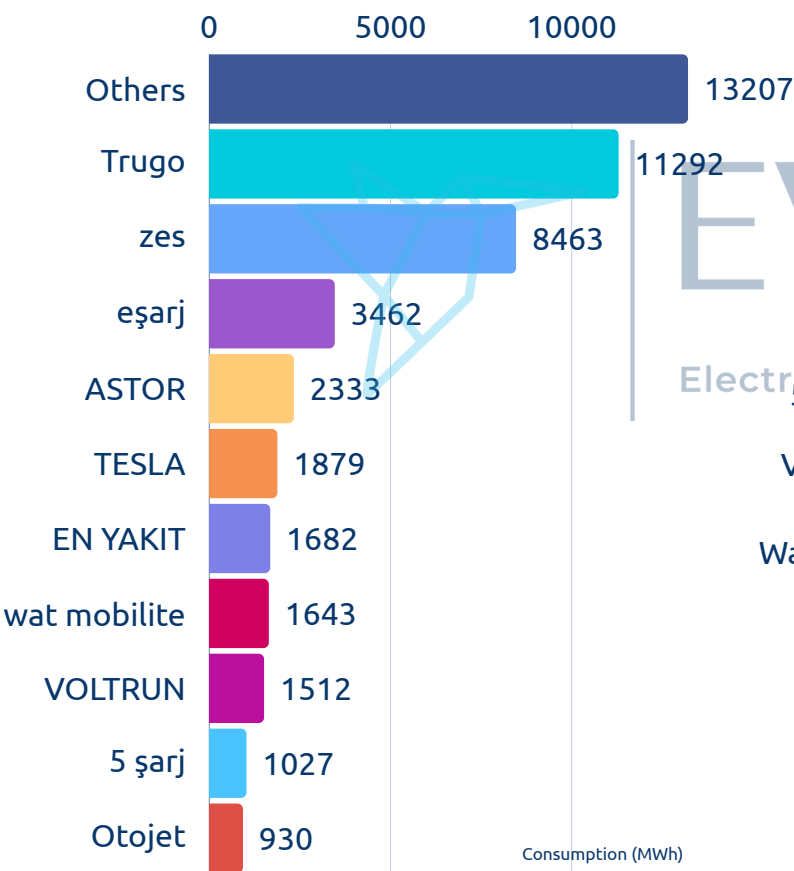


34.223 MWh

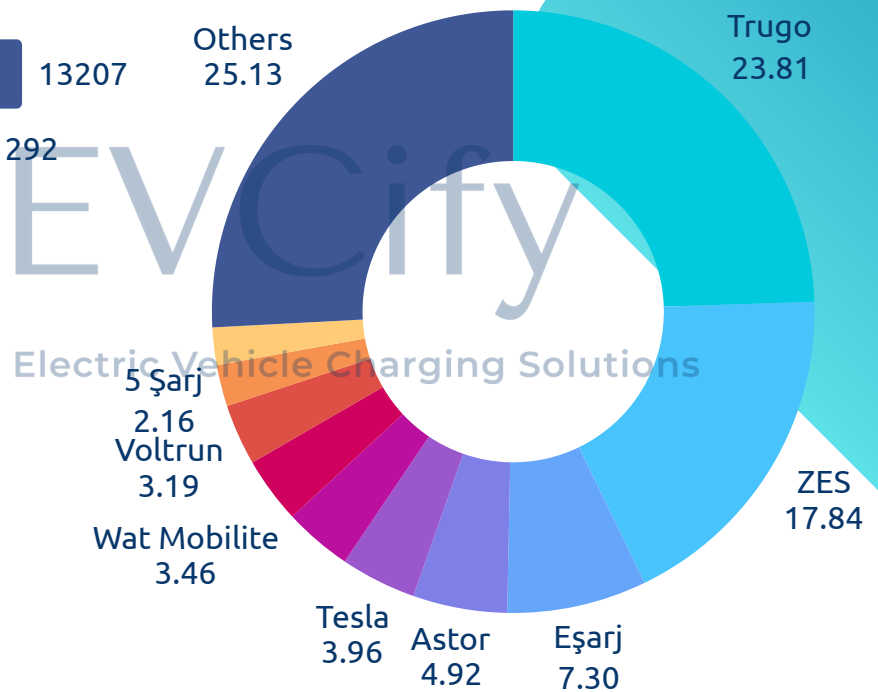
Top 10 CPOs
Total Consumption (MWh)

72,13%

Top 10 CPOs
Total Consumption Share



Total Electricity Consumption (MWh)
by CPOs



Total Consumption Share (%)
by CPOs

Source:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



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

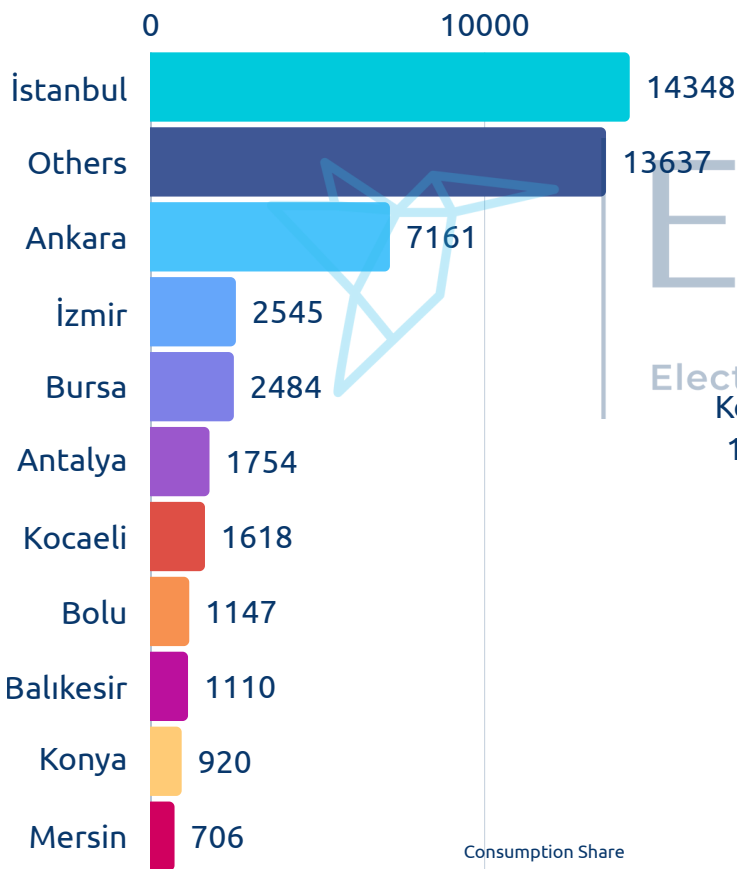
for October

33.793 MWh

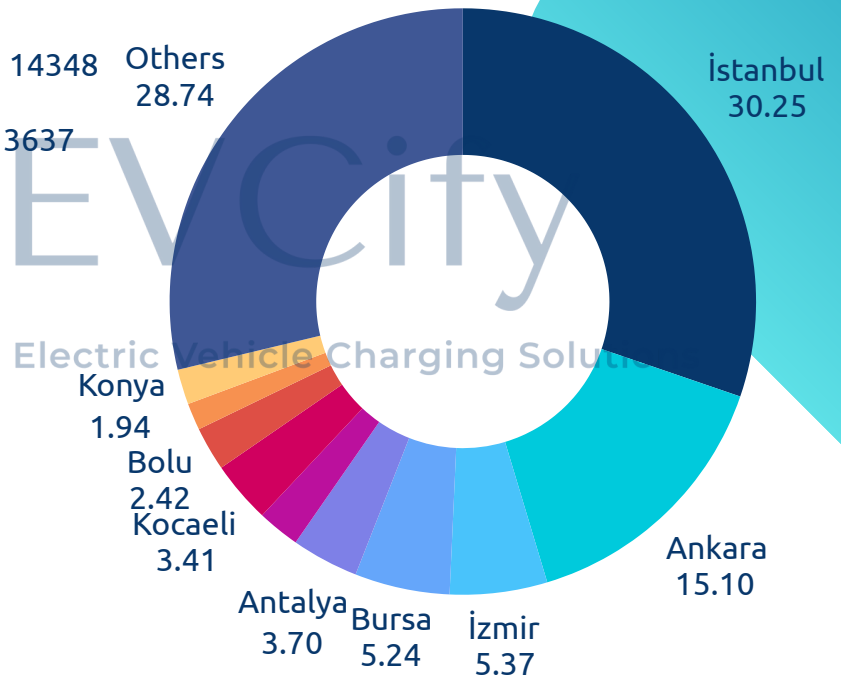
Top 10 Cities
Total Consumption (MWh)

71,21%

Top 10 Cities
Total Consumption Share



Consumption Share (%) by Cities



Consumption Share (%) by Cities

Source:
1. EMRA, Energy Market Regulatory Authority



Monthly Consumption Data (kWh)

Between January and October, 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
October	2,328,190	47,429,586	20.37

Source:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



Monthly Charging Service Data

Between January and October, 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
October	2,328,190	2,134,864	0.92

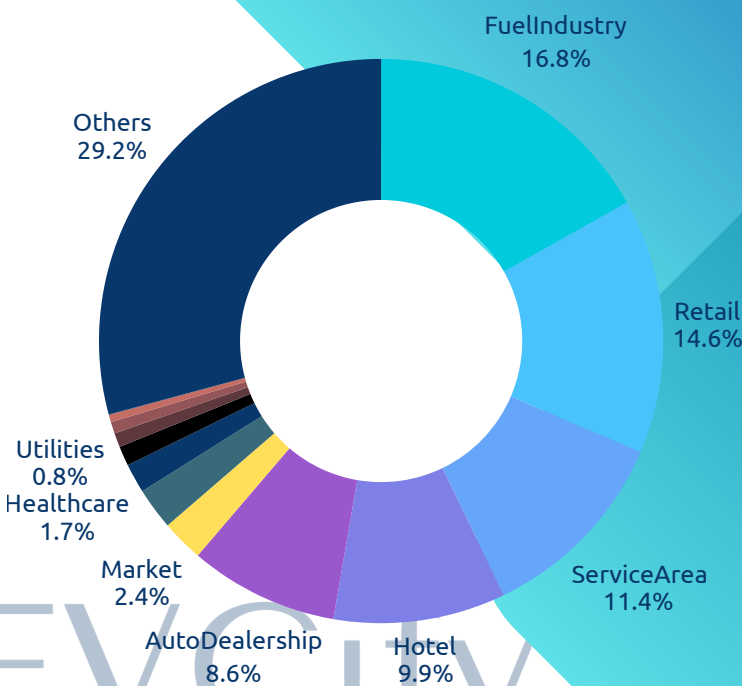
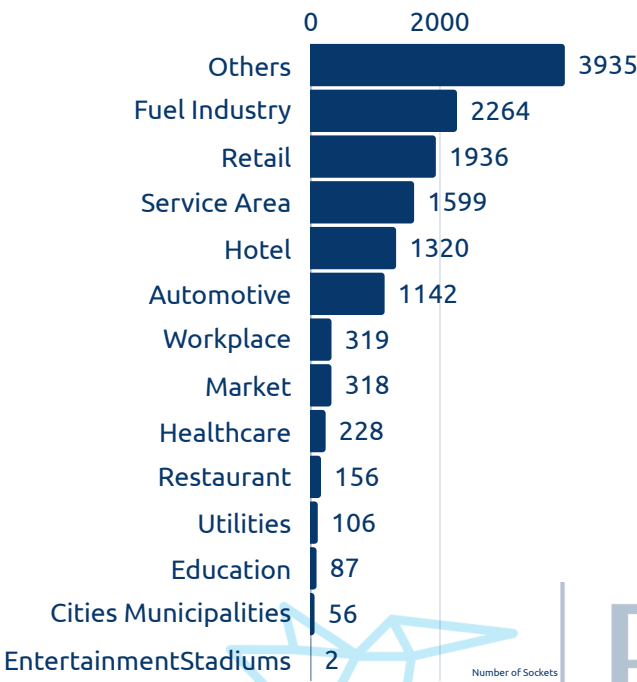
Source:
1. EMRA, Energy Market Regulatory Authority



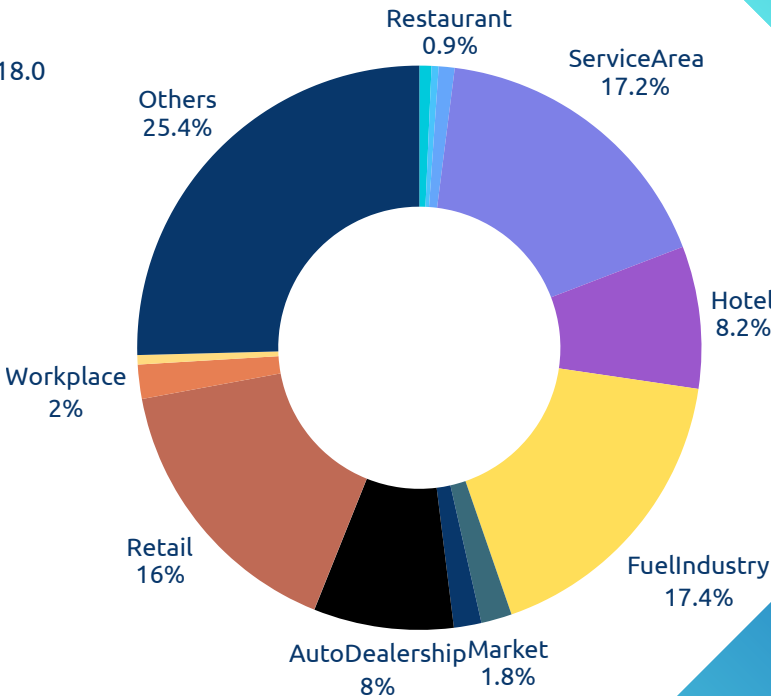
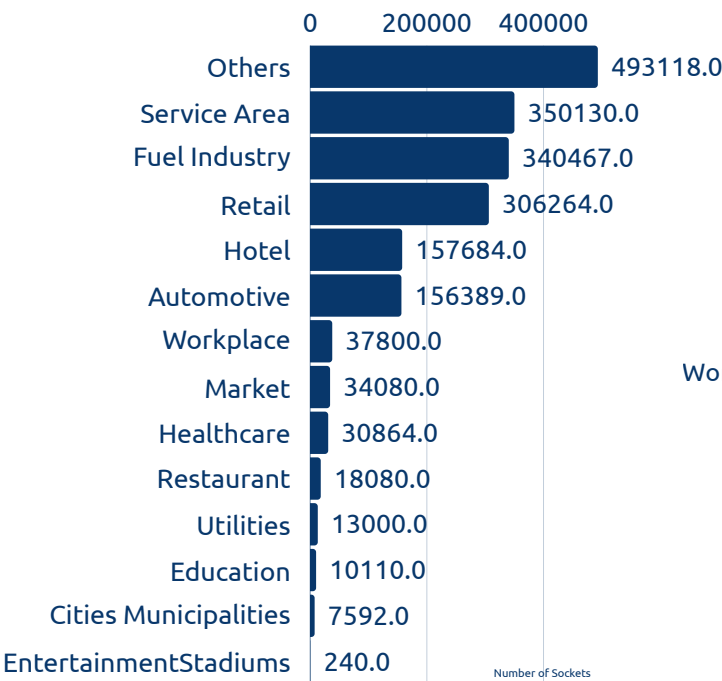
Installed DC Sockets By Sectors



Not updated this month, data is for June



Number of Sockets
Electric Vehicle Charging Solutions

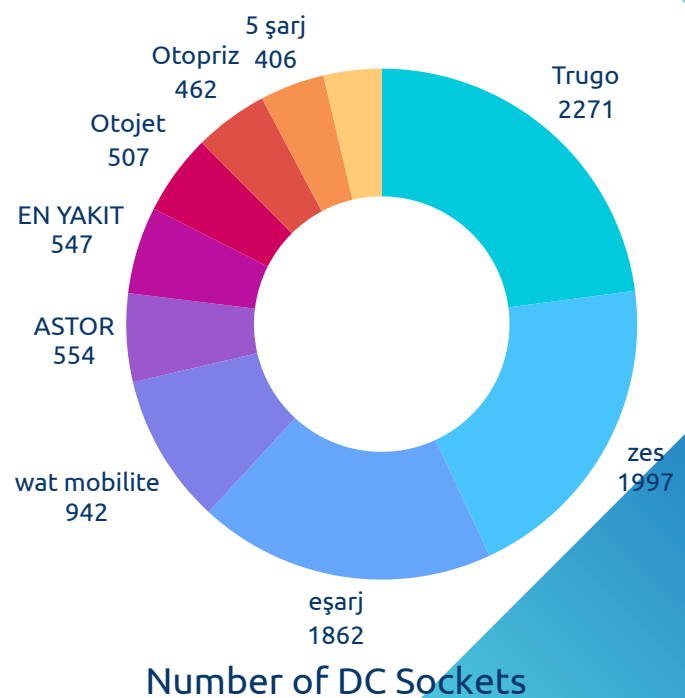
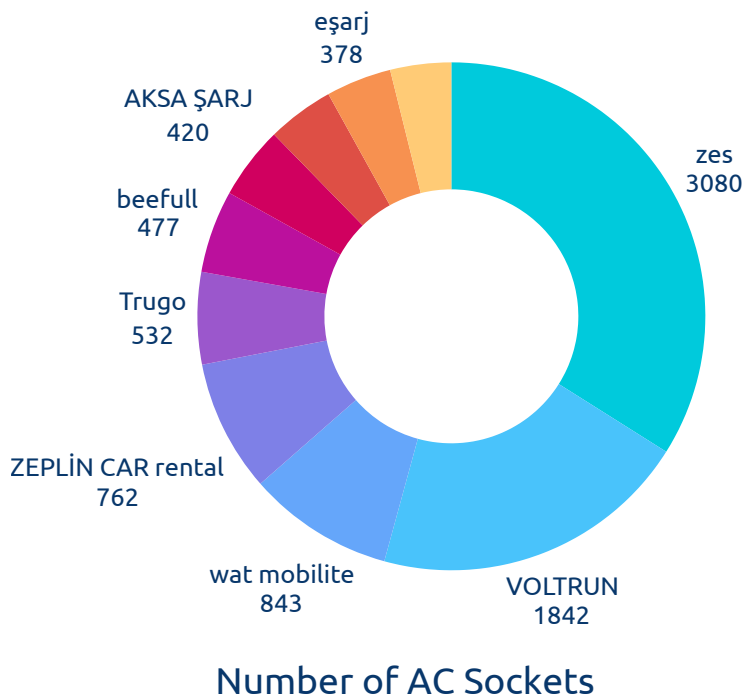
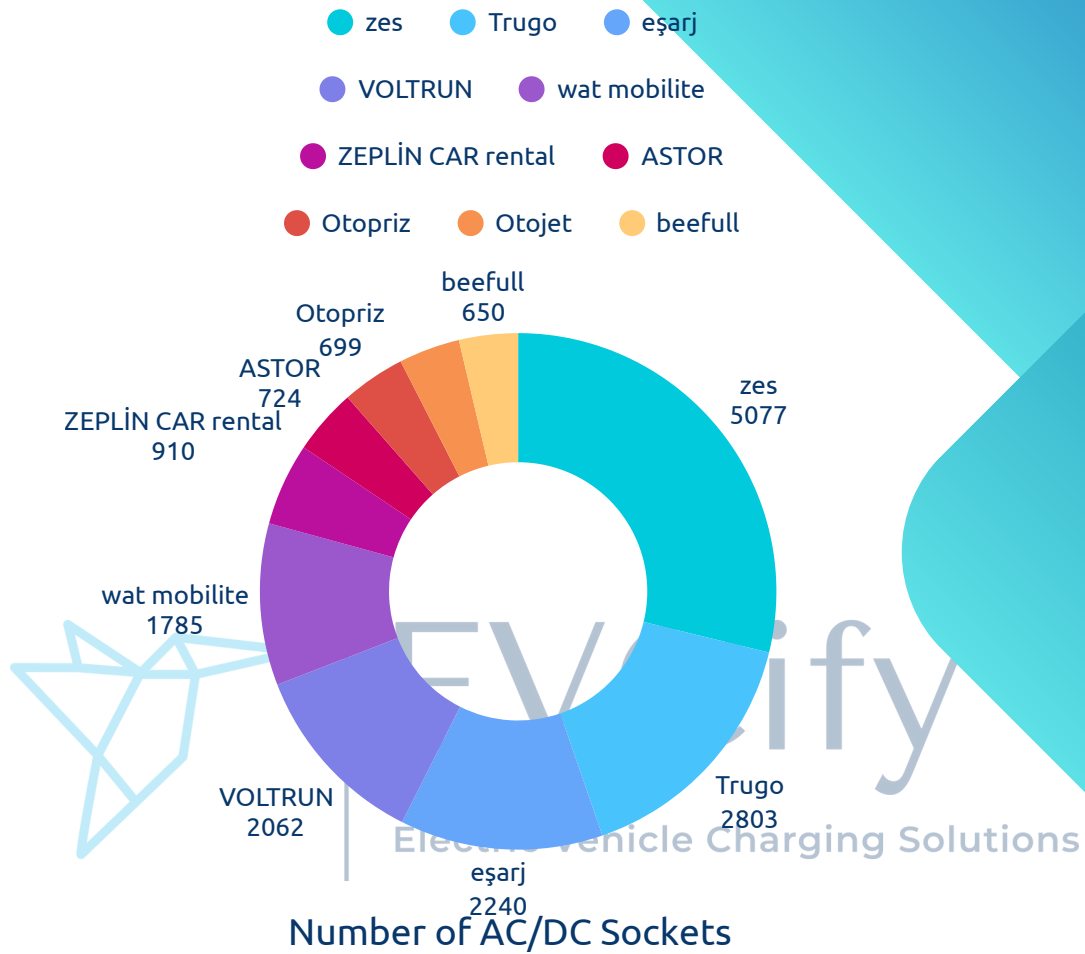


Output Power of Sockets (kW)

Source:
1. EMRA, Energy Market Regulatory Authority



Top 10 CPOs with the Highest Number of Sockets



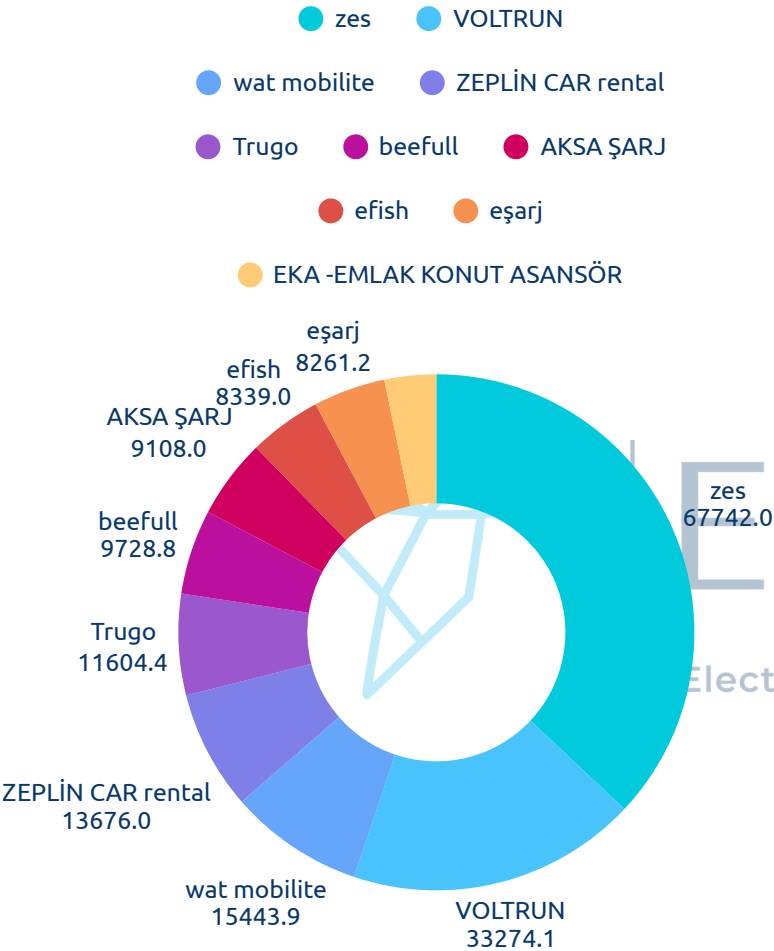
Source:
1. EMRA, Energy Market Regulatory Authority



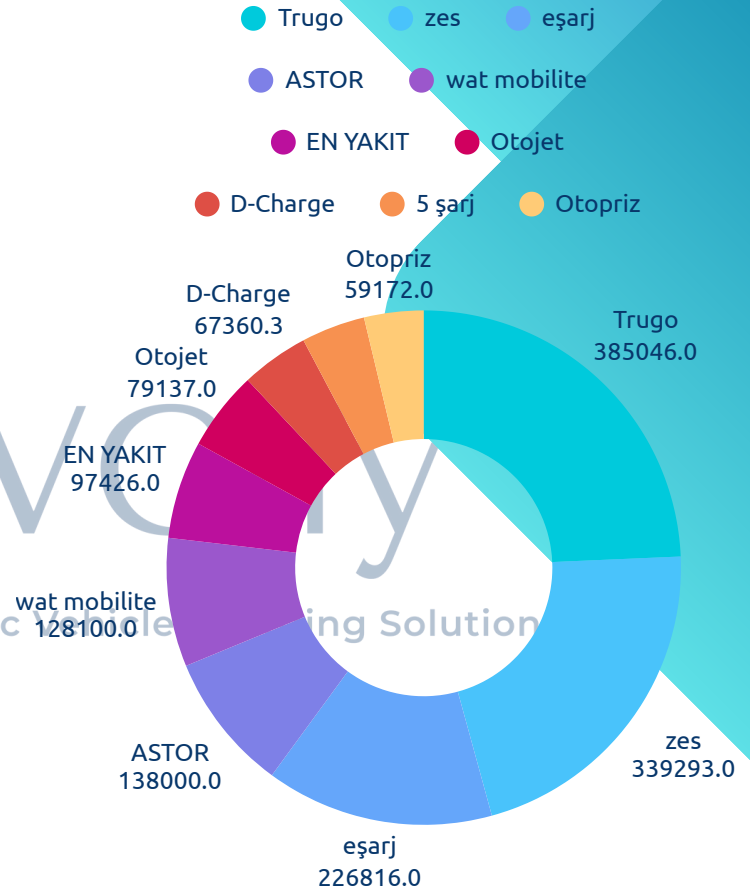
<https://evcify.com>



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



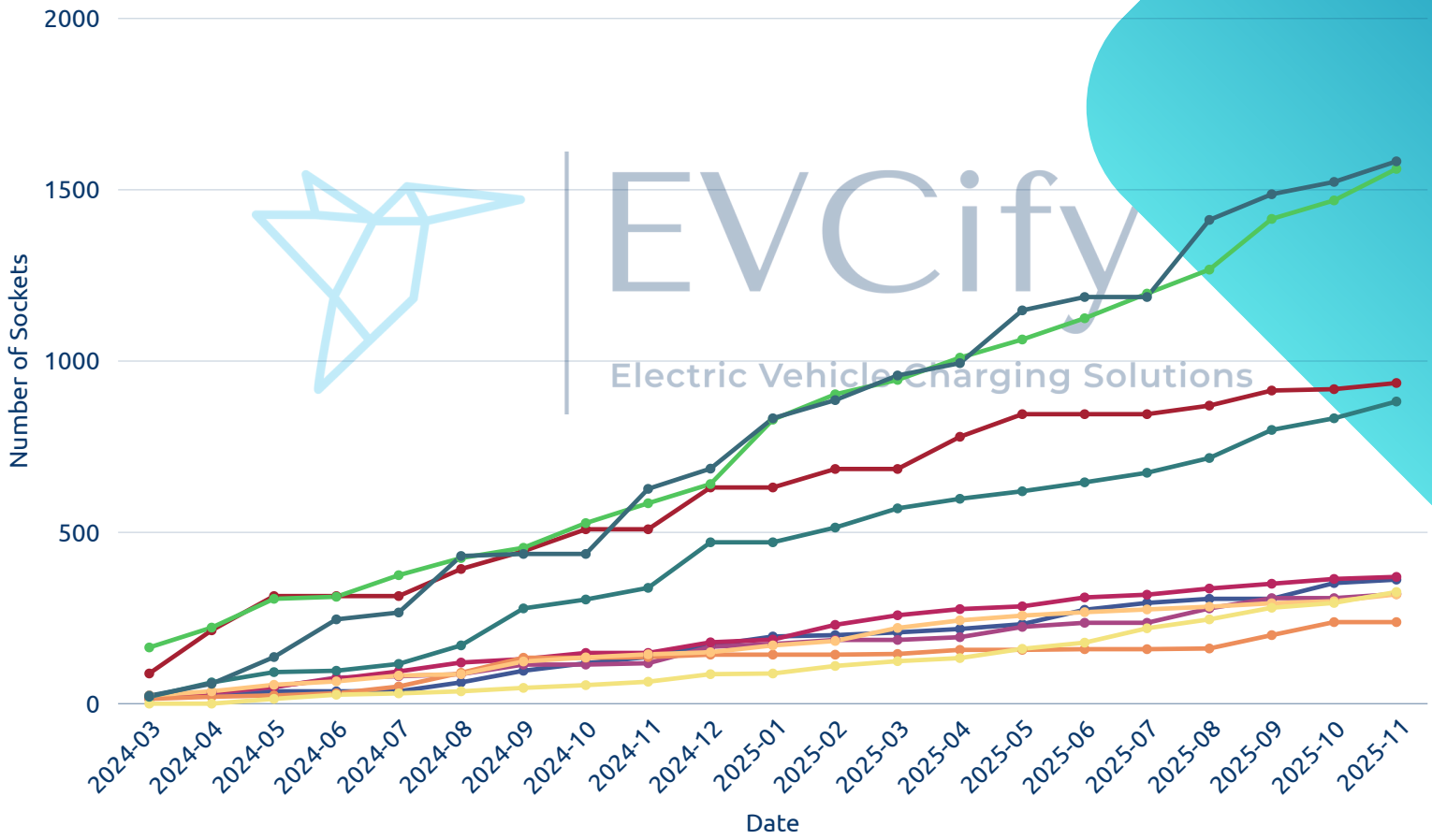
<https://evcify.com>



DC Socket Investments of Leader 10 CPOs



5 şarj ASTOR EN YAKIT eşarj oncharge Otojet Otopriz Trugo
wat mobilite zes



Last 16 months (2024-03-01, 2025-11-30)

Source:

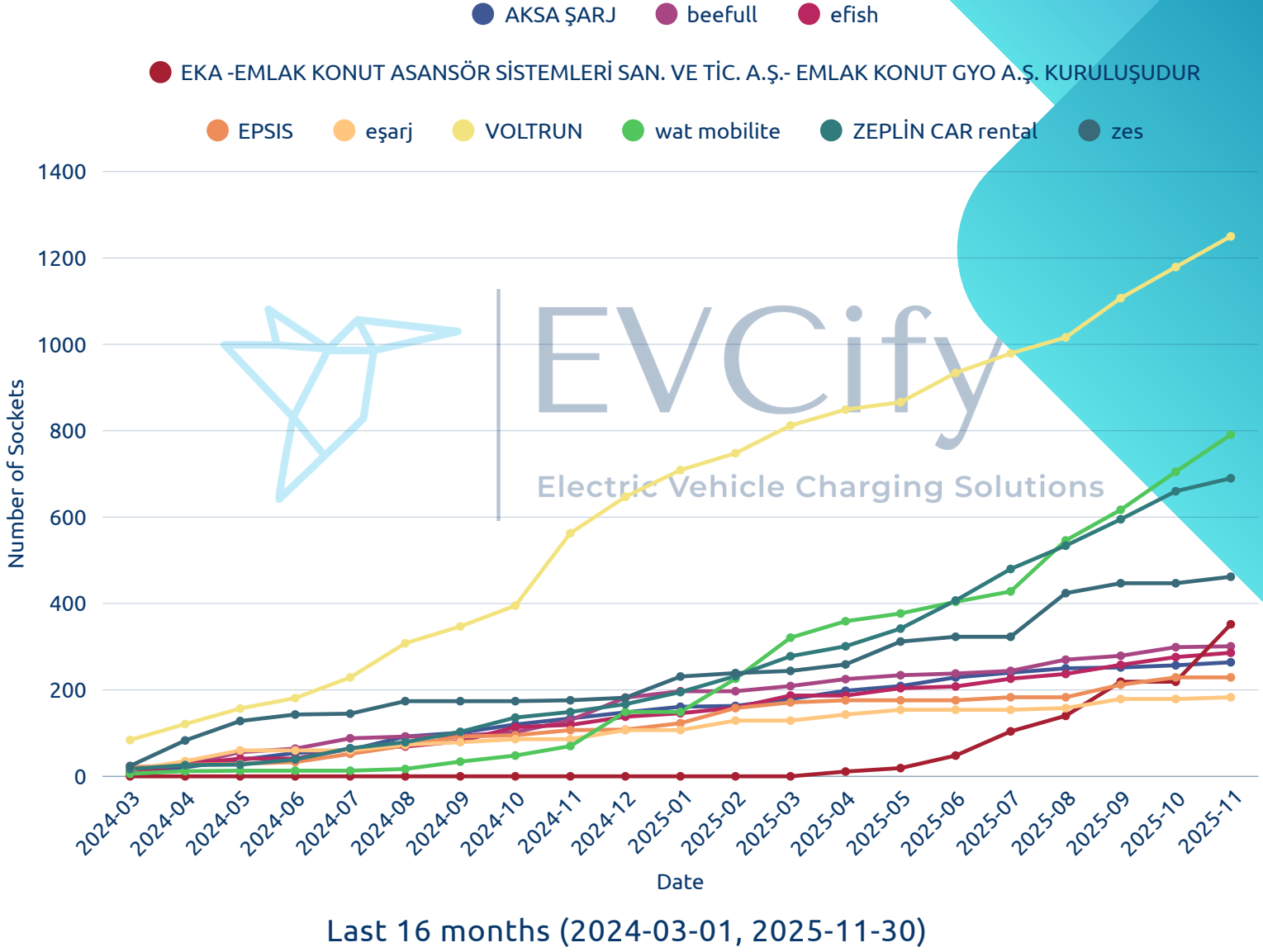
1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



AC Socket Investments of Leader 10 CPOs



Source:
1. EMRA, Energy Market Regulatory Authority



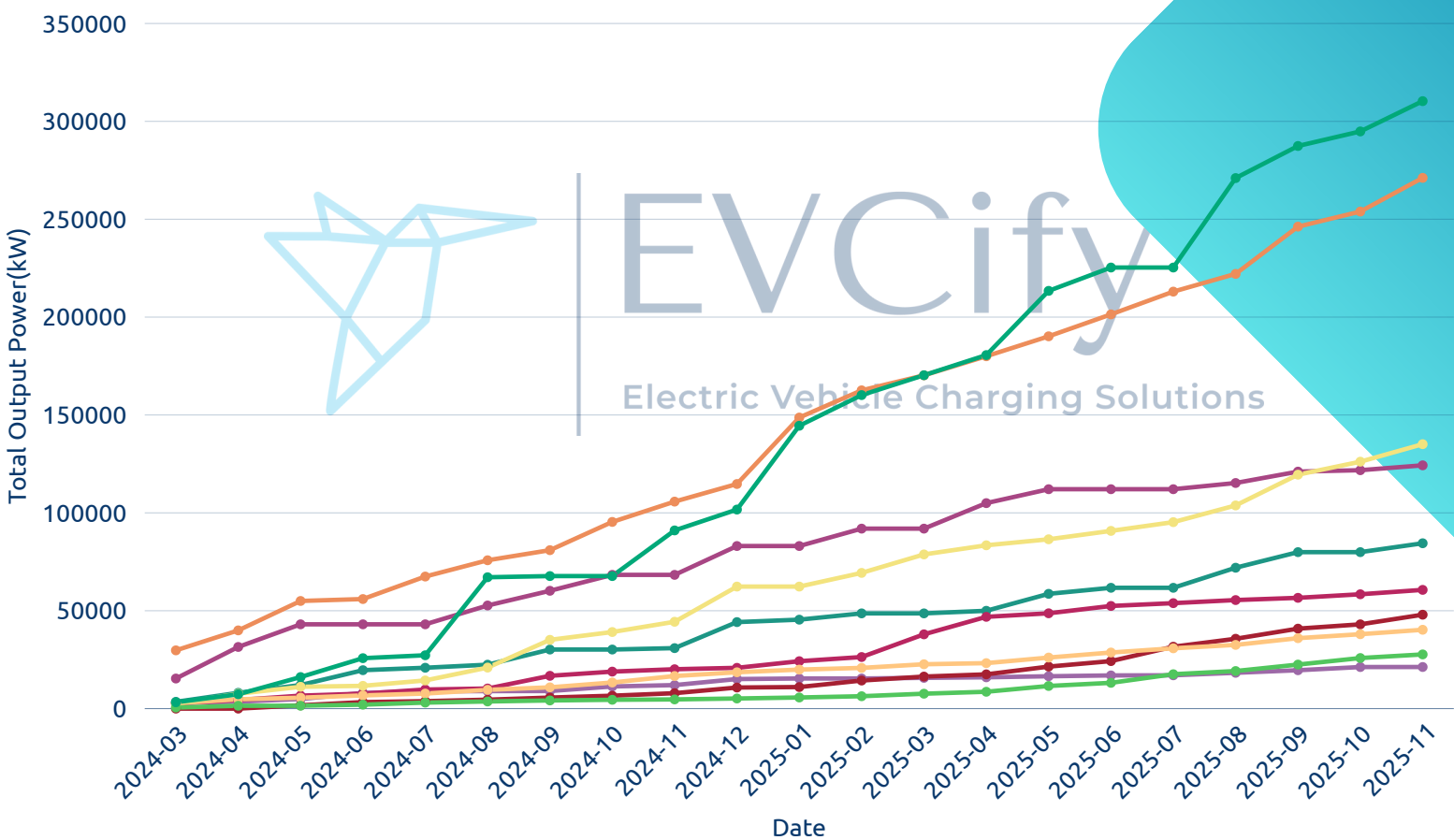
<https://evcity.com>



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



● ASTOR ● beefull ● eşarj ● Otojet ● Otopriz ● Trugo ● VOLTRUN
● wat mobilite ● ZEPLİN CAR rental ● zes



Last 16 months (2024-03-01, 2025-11-30)

Source:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



AC Socket Market Share



Top 5 Charging Point Operators

21.514

Total Number
of AC Sockets

7.059

Top 5
CPOs

32,8

Market
Share (%)

CPO	Number of Sockets	Market Share (%)
zes	3080	14.32
VOLTRUN	1842	8.56
wat mobilite	843	3.92
ZEPLİN CAR rental	762	3.54
Trugo	532	2.47

Kaynak:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



DC Socket Market Share

Top 5 Charging Point Operators



16.078

Total Number
of DC Sockets

7.626

Top 5
CPOs

47,3

Market
Share (%)

CPO	Number of Sockets	Market Share (%)
Trugo	2271	14.12
zes	1997	12.42
eşarj	1862	11.58
wat mobilite	942	5.86
ASTOR	554	3.45

Kaynak:

1. EMRA, Energy Market Regulatory Authority



<https://evcify.com>



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:

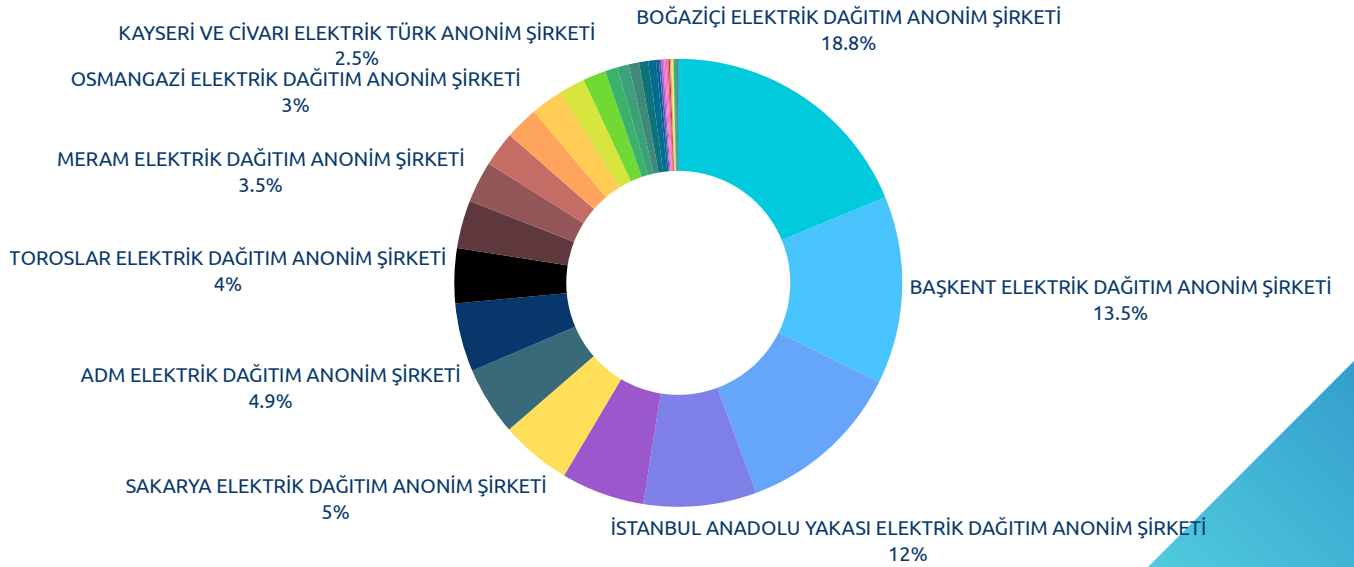
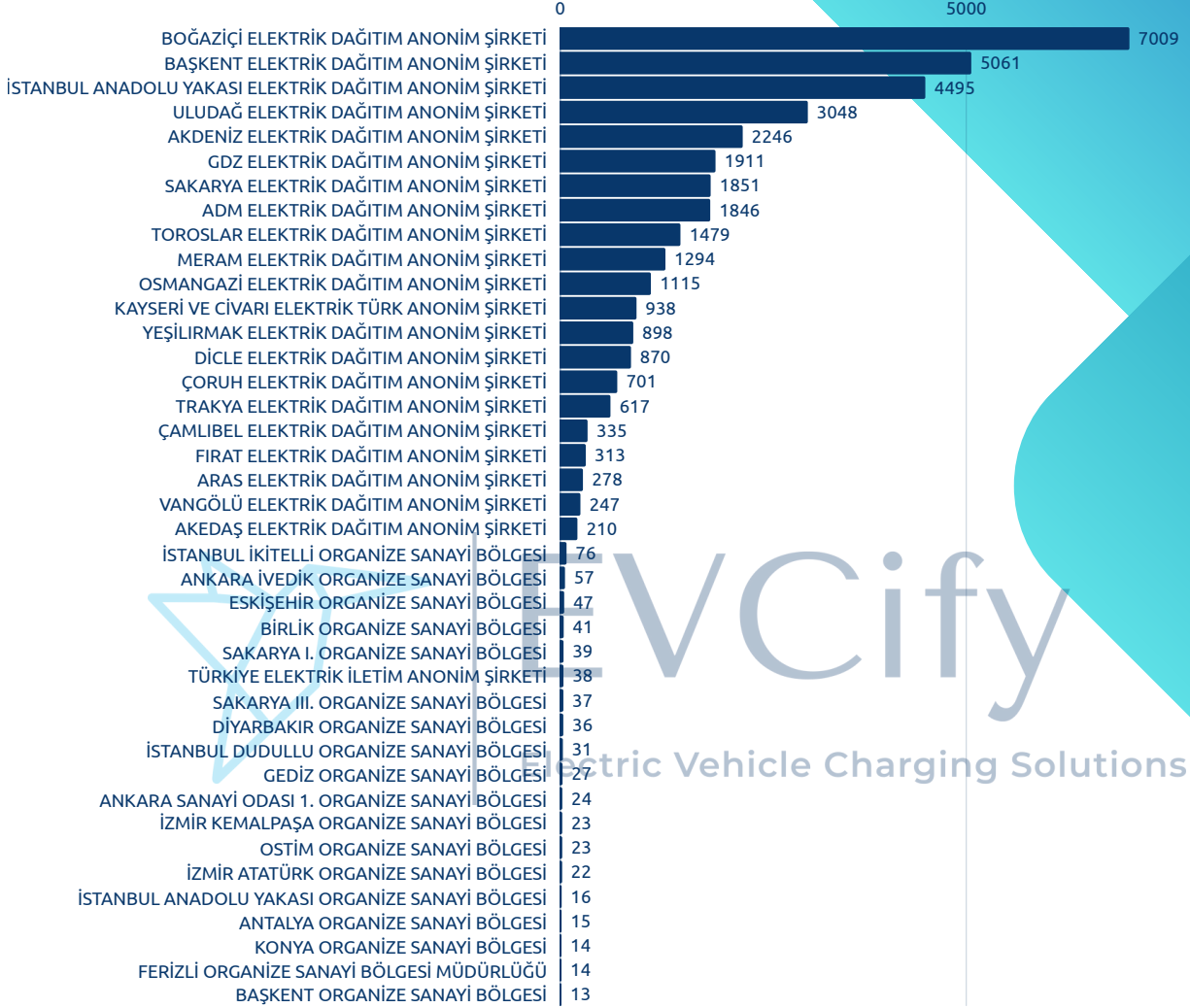
1. EMRA, Energy Market Regulatory Authority



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Number of Sockets By Electricity Energy Distribution Regions



Number of Sockets

Source:

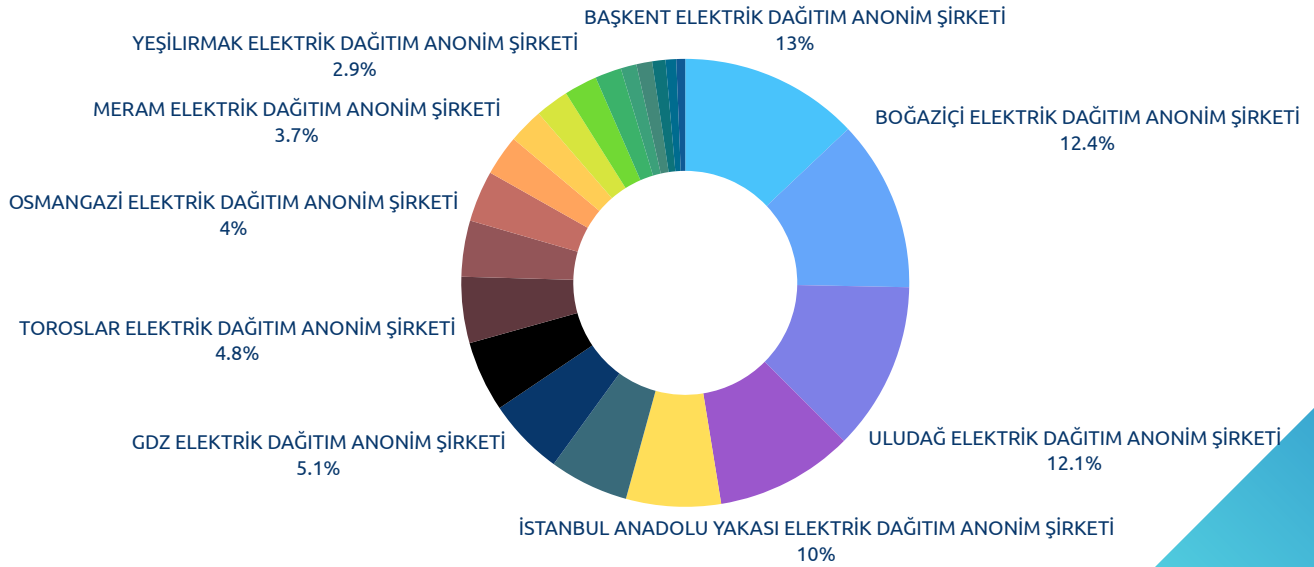
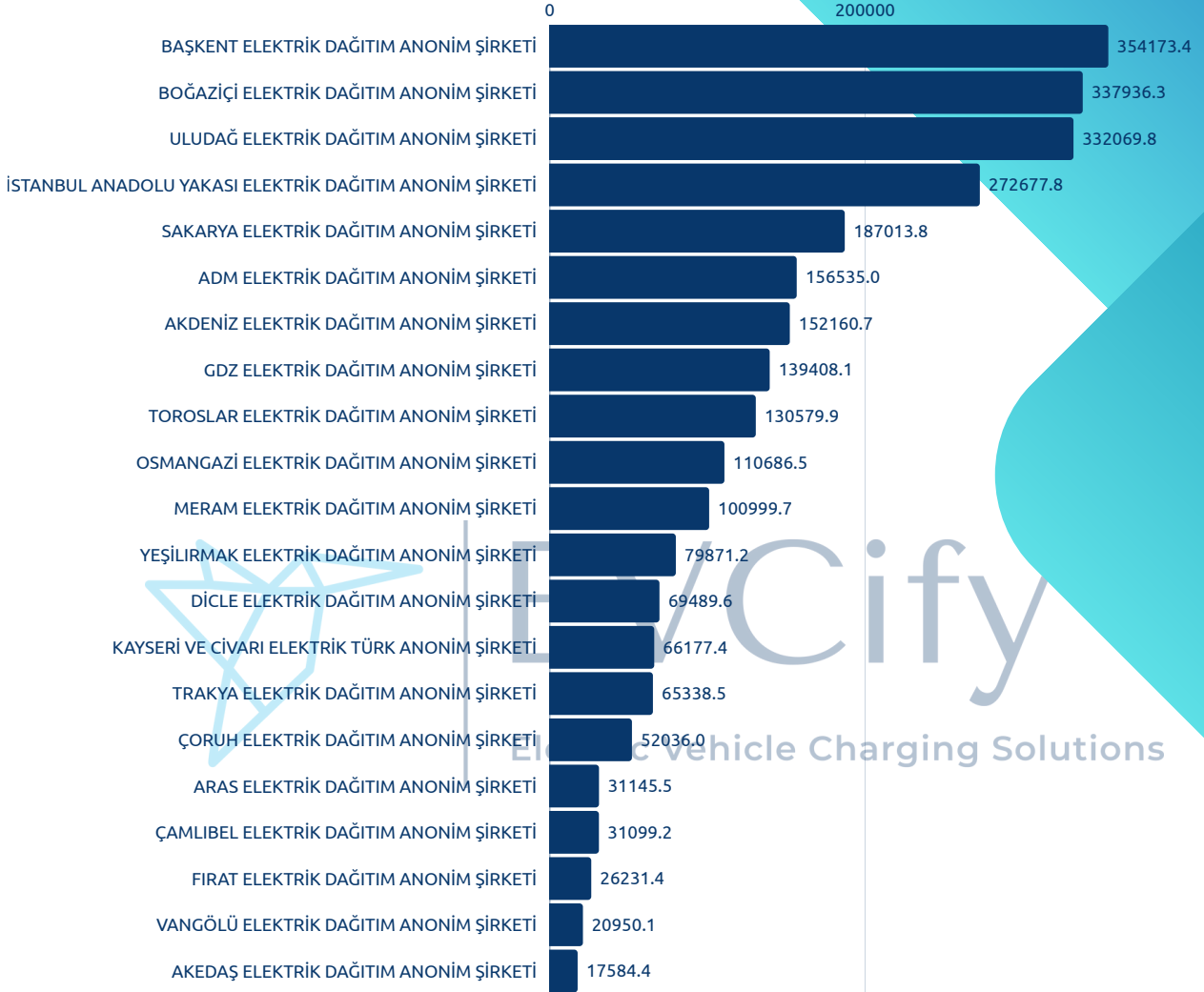
1. EMRA, Energy Market Regulatory Authority



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



Output Power of Sockets (kW)

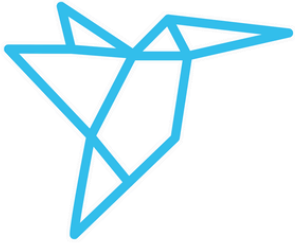
Source:

1. EMRA, Energy Market Regulatory Authority



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