सत्यमेव जयते

भारत सरकार

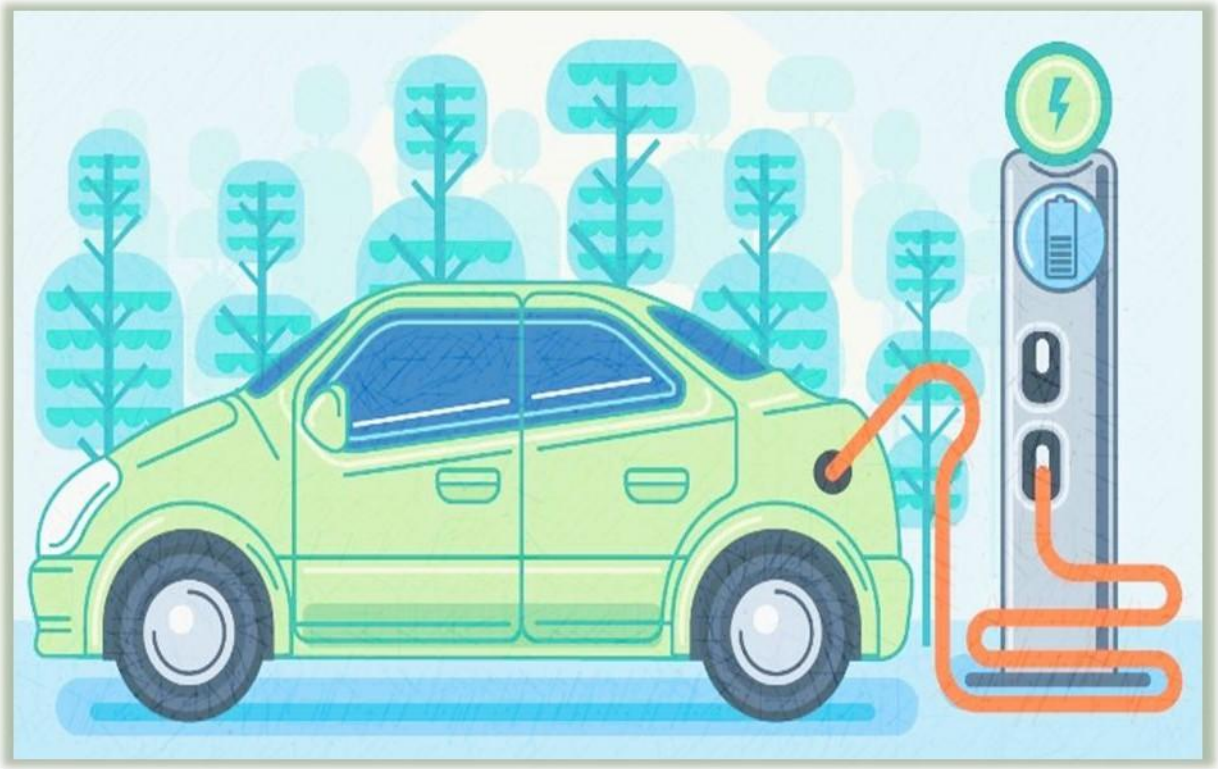
Government of India

विद्युत मंत्रालय

Ministry of Power

केंद्रीय विद्युत प्राधिकरण

Central Electricity Authority



इलेक्ट्रिक वाहन (ईवी) सार्वजनिक चार्जिंग स्टेशन (पीसीएस)

मासिक विद्युत उपभोग रिपोर्ट

Electric Vehicle (EVs) Public Charging Stations (PCS)

Monthly Power Consumption Report

मई 2026 / May 2026

पावर डेटा प्रबंधन एवं लोड पूर्वानुमान प्रभाग

Power Data Management & Load Forecasting Division

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F O R E W O R D

India's insufficient petroleum reserves have led to heavy reliance on crude oil and natural gas imports, making it the third-largest oil importer globally, following the US and China. Approximately 80% of India's crude oil and almost 45% of its natural gas are imported. The consumption of petroleum products significantly contributes to air pollution, creating a pressing need to curb their usage and tackle the pollution issue. Moreover, the substantial size of crude oil imports burdens the Indian economy, necessitating a shift toward cleaner fuel alternatives and technologies to reduce dependence on petroleum products and safeguard the environment.

The Ministry of Power, with aim to accelerate the E-mobility transition in the country by accelerating development of Public Charging Infrastructure (PCS) for electric vehicles, has published revised consolidated guidelines titled "Guidelines for Installation and Operation of Electric Vehicle Charging Infrastructure-2024" dated 17.09.2024.

Further, after reviewing FAME-II and EMPS-2024, Ministry of Heavy Industries (MHI) formulated PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) scheme with the approval of the Union Cabinet. The number of vehicles and the expenditure under EMPS-2024 (implemented for the period from 1st April 2024 to 30th September 2024) is subsumed under the number of vehicles and outlay of PM E-DRIVE Scheme. The PM E-DRIVE Scheme, with an outlay of ₹11,900 crore, is being implemented from 1st April 2024 to 31st March 2028, for faster adoption of electric vehicles (EVs), setting up of charging infrastructure and development of EV manufacturing eco-system in the country.

In this regard, information on PCS is required for assessment of progress made in development of necessary charging infrastructure in meeting the various stated objectives like development of safe & reliable EV charging eco system, ensuring energy security & reduction of emission intensity etc., and to take further policy intervention. The data on energy consumption in these EV charging stations is also important for the purpose of load forecasting, distribution system planning and integrated resource planning in the country.

This report is based on the data/information submitted by various utilities. Information from other utilities is awaited to make this report more comprehensive.

State/UT wise-Electricity Consumption Details - EV charging stations in India								
Power Data Management & Load Forecasting Division, Central Electricity Authority								
Region	**May, 2026**				**April, 2026 to May, 2026**			
State/UT	**Electricity Consumed in EV Charging Stations (excl. Heavy Duty) (in MU)**	**Electricity Consumed in Heavy Duty PCS only (in MU)**	**Electricity Consumed in EV Charging Stations (other than PCS) (in MU)**	**Total Electricity Consumed (in MU)**	**Electricity Consumed in EV Charging Stations (excl. Heavy Duty) (in MU)**	**Electricity Consumed in Heavy Duty PCS only (in MU)**	**Electricity Consumed in EV Charging Stations (other than PCS) (in MU)**	**Total Electricity Consumed (in MU)**
Northern								
Delhi	6.24	34.06	8.26	48.56	11.86	62.05	16.62	90.54
Haryana	3.16	0.61	0.03	3.80	6.39	1.17	0.05	7.62
Punjab	3.96	0.23	-	4.18	7.42	0.43	-	7.85
Rajasthan	1.68	0.78	-	2.46	3.06	1.45	-	4.51
Uttar Pradesh	8.83	1.84	0.18	10.85	14.55	5.62	0.32	20.49
Chandigarh	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-	-
UT of Ladakh	0.00	0.03	-	0.03	0.00	0.05	-	0.06
UT of J&K	0.19	0.93	-	1.12	0.37	1.69	-	2.06
Uttarakhand	-	-	-	-	-	-	-	-
Western								
Gujarat	1.18	7.27	0.32	8.77	2.23	14.36	0.50	17.09
Madhya Pradesh	0.48	0.14	-	0.61	0.94	0.28	-	1.22
Maharashtra	10.10	37.36	1.29	48.75	19.13	71.71	2.53	93.37
Chhattisgarh	0.28	0.00	-	0.28	0.45	0.00	-	0.45
Dadra & Nagar Haveli and Daman & Diu	0.03	0.20	-	0.23	0.05	0.40	-	0.45
Southern								
Andhra Pradesh	0.34	2.30	0.00	2.65	0.66	4.60	0.01	5.27
Karnataka	5.04	16.73	0.40	22.17	9.37	32.88	0.81	43.06
Kerala	2.57	0.58	-	3.15	4.51	1.32	-	5.82
Tamil Nadu	2.22	1.67	0.09	3.98	4.28	3.66	0.16	8.10
Telangana	2.77	11.47	-	14.25	5.28	21.93	-	27.21

Puducherry	-	-	-	-	-	-	-	-
Eastern								
Bihar	1.13	0.22	0.70	2.05	2.15	0.45	1.36	3.96
Odisha	0.22	1.51	0.01	1.73	0.41	2.63	0.02	3.06
West Bengal	0.65	0.83	0.06	1.54	1.32	1.59	0.10	3.00
Jharkhand	-	-	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-	-	-
North Eastern								
Assam	0.32	0.94	0.23	1.49	0.63	1.73	0.44	2.80
Arunachal Pradesh	-	-	-	-	-	-	-	-
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
Grand Total	**51.37**	**119.68**	**11.58**	**182.64**	**95.07**	**230.01**	**22.92**	**348.00**

- : Data/Information not available/reported by DISCOM/Utility.

Note: As per the data furnished by State DISCOMs/ Utilities. The electricity consumption in MU is rounded off to nearest hundredth place.

DISCOM/Utility-wise- Electricity Consumption Details - EV charging stations in India								
Power Data Management & Load Forecasting Division, Central Electricity Authority								
	May, 2026				April, 2026 to May, 2026			
State-UT/DISCOM	**Electricity Consumed in EV Charging Stations (excl. Heavy Duty) (in MU)**	**Electricity Consumed in Heavy Duty PCS only (in MU)**	**Electricity Consumed in EV Charging Stations (other than PCS) (in MU)**	**Total Electricity Consumed (in MU)**	**Electricity Consumed in EV Charging Stations (excl. Heavy Duty) (in MU)**	**Electricity Consumed in Heavy Duty PCS only (in MU)**	**Electricity Consumed in EV Charging Stations (other than PCS) (in MU)**	**Total Electricity Consumed (in MU)**
Chandigarh	-	-	-	-	-	-	-	-
CPDL	-	-	-	-	-	-	-	-
Delhi	**6.24**	**34.06**	**8.26**	**48.56**	**11.86**	**62.05**	**16.62**	**90.54**
BRPL	2.12	13.10	3.92	19.15	4.07	23.78	7.61	35.47
BYPL	0.47	7.66	3.02	11.15	0.88	14.12	6.55	21.55
NDMC	0.03	-	-	0.03	0.06	-	-	0.06
Tata Power-DDL	3.61	13.30	1.32	18.23	6.85	24.15	2.46	33.46
Haryana	**3.16**	**0.61**	**0.03**	**3.80**	**6.39**	**1.17**	**0.05**	**7.62**
DHBVN	2.01	0.05	-	2.06	3.80	0.13	-	3.93
UHBVN	1.14	0.56	0.03	1.74	2.59	1.05	0.05	3.69
Punjab	**3.96**	**0.23**	**-**	**4.18**	**7.42**	**0.43**	**-**	**7.85**
PSPCL	3.96	0.23	-	4.18	7.42	0.43	-	7.85
Rajasthan	**1.68**	**0.78**	**-**	**2.46**	**3.06**	**1.45**	**-**	**4.51**
AVVNL	0.49	-	-	0.49	0.81	-	-	0.81
JDVVNL	0.33	-	-	0.33	0.56	-	-	0.56
JVVNL	0.86	0.78	-	1.64	1.68	1.45	-	3.13
Uttar Pradesh	**8.83**	**1.84**	**0.18**	**10.85**	**14.55**	**5.62**	**0.32**	**20.49**
Noida Power (NPCL)	0.21	-	-	0.21	0.39	-	-	0.39
PVVNL	7.94	1.43	0.18	9.56	12.68	4.87	0.32	17.87
DVVNL	0.68	0.41	-	1.09	1.48	0.75	-	2.23
Himachal Pradesh	-	-	-	-	-	-	-	-
HPSEBL	-	-	-	-	-	-	-	-
UT of J&K and Ladakh	**0.19**	**0.96**	**-**	**1.15**	**0.37**	**1.75**	**-**	**2.12**

JPDCL	0.19	0.22	-	0.40	0.37	0.40	-	0.77
KPDCL	0.00	0.72	-	0.72	0.00	1.29	-	1.29
LPDD	0.00	0.03	-	0.03	0.00	0.05	-	0.06
Uttarakhand	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
UPCL	-	-	-	-	-	-	-	-
Gujarat	**1.18**	**7.27**	**0.32**	**8.77**	**2.23**	**14.36**	**0.50**	**17.09**
Deen Dayal Port	0.08	-	0.07	0.15	0.15	-	0.13	0.28
DGVCL	0.31	3.36	-	3.66	0.54	6.80	-	7.35
GIFT	0.01	0.02	-	0.03	0.03	0.04	-	0.06
MGVCL	0.11	0.11	-	0.22	0.22	0.21	-	0.43
PGVCL	0.20	1.59	-	1.79	0.39	3.15	-	3.55
Torrent Power	0.17	2.02	0.23	2.42	0.32	3.92	0.34	4.58
TPL-Surat	0.06	-	0.02	0.08	0.10	-	0.03	0.13
UGVCL	0.25	0.18	-	0.43	0.47	0.24	-	0.71
Madhya Pradesh	**0.48**	**0.14**	**-**	**0.61**	**0.94**	**0.28**	**-**	**1.22**
MPMKVVCL	0.25	0.14	-	0.38	0.48	0.28	-	0.76
MPPKVVCL	0.23	-	-	0.23	0.46	-	-	0.46
Maharashtra	**10.10**	**37.36**	**1.29**	**48.75**	**19.13**	**71.71**	**2.53**	**93.37**
AEML	2.84	7.53	-	10.37	5.42	14.80	-	20.22
Brihan Mumbai (BEST)	0.17	3.18	1.29	4.63	0.34	6.28	2.51	9.13
MSEDCL	7.09	26.65	-	33.74	13.37	50.63	-	64.00
NUPPLP	0.00	-	0.01	0.01	0.00	-	0.02	0.02
JNPA-SEZ	-	-	-	-	-	-	-	-
Chhattisgarh	**0.28**	**0.00**	**-**	**0.28**	**0.45**	**0.00**	**-**	**0.45**
CSPDCL	0.28	0.00	-	0.28	0.45	0.00	-	0.45
Dadra & Nagar Haveli and Daman & Diu	**0.03**	**0.20**	**-**	**0.23**	**0.05**	**0.40**	**-**	**0.45**
DNHDDPCL	0.03	0.20	-	0.23	0.05	0.40	-	0.45
Andhra Pradesh	**0.34**	**2.30**	**0.00**	**2.65**	**0.66**	**4.60**	**0.01**	**5.27**
APEPDCL	0.20	0.30	0.00	0.50	0.40	0.59	0.01	1.00
APSPDCL	0.14	2.01	-	2.15	0.26	4.01	-	4.28
Karnataka	**5.04**	**16.73**	**0.40**	**22.17**	**9.37**	**32.88**	**0.81**	**43.06**

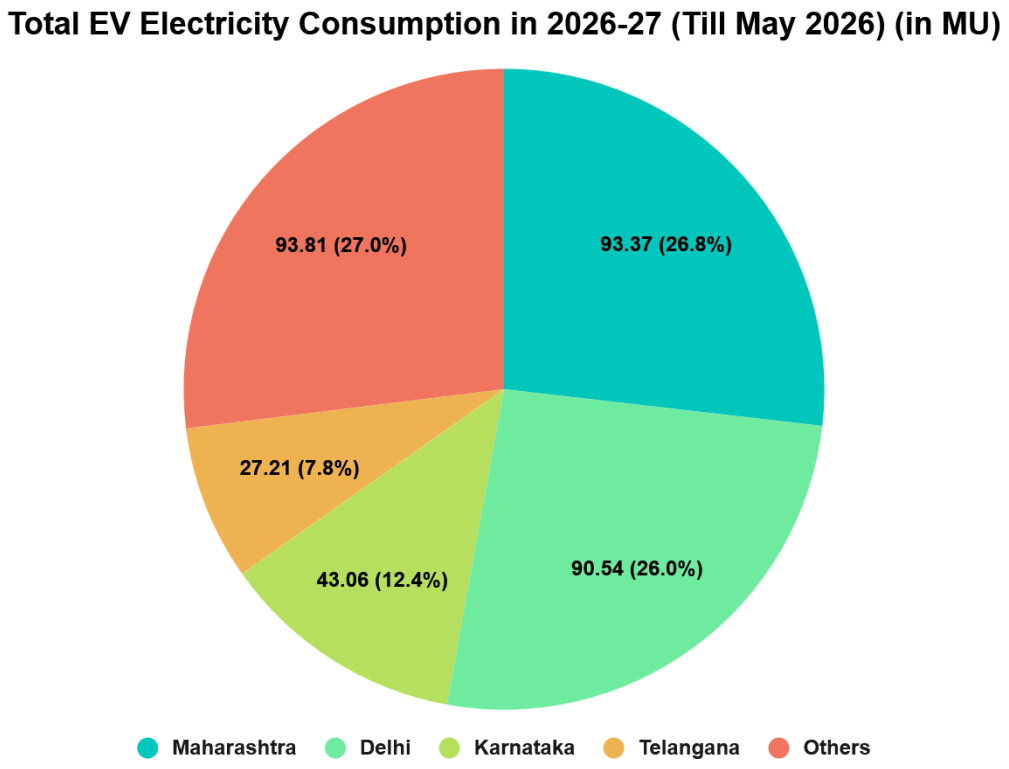
BESCOM	4.46	16.49	-	20.95	8.28	32.40	-	40.68
CESC Mysore	0.31	0.24	-	0.55	0.52	0.48	-	1.00
GESCOM	0.06	-	-	0.06	0.09	-	-	0.09
HESCOM	0.09	-	0.11	0.20	0.26	-	0.22	0.48
MESCOM	0.11	-	0.29	0.40	0.22	-	0.59	0.81
Kerala	**2.57**	**0.58**	**-**	**3.15**	**4.51**	**1.32**	**-**	**5.82**
Cochin Port Authority	0.00	0.02	-	0.02	0.00	0.02	-	0.02
KSEB	2.55	0.56	-	3.11	4.47	1.30	-	5.77
Technopark	0.00	-	-	0.00	0.01	-	-	0.01
Thrissur Corporation	0.01	-	-	0.01	0.03	-	-	0.03
Tamil Nadu	**2.22**	**1.67**	**0.09**	**3.98**	**4.28**	**3.66**	**0.16**	**8.10**
TNPDCL	2.22	1.67	0.09	3.98	4.28	3.66	0.16	8.10
Telangana	**2.77**	**11.47**	**-**	**14.25**	**5.28**	**21.93**	**-**	**27.21**
TGNPDCL	0.21	3.94	-	4.15	0.37	7.64	-	8.01
TGSPDCL	2.56	7.53	-	10.09	4.91	14.29	-	19.20
Puducherry	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
PPCL	-	-	-	-	-	-	-	-
Bihar	**1.13**	**0.22**	**0.70**	**2.05**	**2.15**	**0.45**	**1.36**	**3.96**
NBPDCL	0.21	0.04	-	0.25	0.39	0.09	-	0.48
SBPDCL	0.92	0.18	0.70	1.80	1.76	0.36	1.36	3.48
Odisha	**0.22**	**1.51**	**0.01**	**1.73**	**0.41**	**2.63**	**0.02**	**3.06**
TPCODL	0.12	0.90	0.01	1.03	0.22	1.63	0.02	1.87
TPNODL	0.05	0.13	-	0.18	0.09	0.13	-	0.22
TPWODL	0.03	0.18	-	0.21	0.07	0.29	-	0.36
TPSODL	0.01	0.29	-	0.31	0.04	0.58	0.00	0.62
West Bengal	**0.65**	**0.83**	**0.06**	**1.54**	**1.32**	**1.59**	**0.10**	**3.00**
CESC	0.45	0.12	-	0.57	0.88	0.24	-	1.12
DVC	-	-	-	-	0.01	-	-	0.01
IPCL	0.01	-	-	0.01	0.01	-	-	0.01
WBSEDCL	0.19	0.71	0.06	0.96	0.43	1.35	0.10	1.87
Jharkhand	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
JBVNL	-	-	-	-	-	-	-	-
Sikkim	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
SPDCL	-	-	-	-	-	-	-	-
Assam	**0.32**	**0.94**	**0.23**	**1.49**	**0.63**	**1.73**	**0.44**	**2.80**

APDCL	0.32	0.94	0.23	1.49	0.63	1.73	0.44	2.80
Arunachal Pradesh	-	-	-	-	-	-	-	-
Department of Power	-	-	-	-	-	-	-	-
Manipur	-	-	-	-	-	-	-	-
MSPDCL	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
MePDCL	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Power & Electricity Department	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Department of Power	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
TSECL	-	-	-	-	-	-	-	-
Grand Total	**51.37**	**119.68**	**11.58**	**182.64**	**95.07**	**230.01**	**22.92**	**348.00**

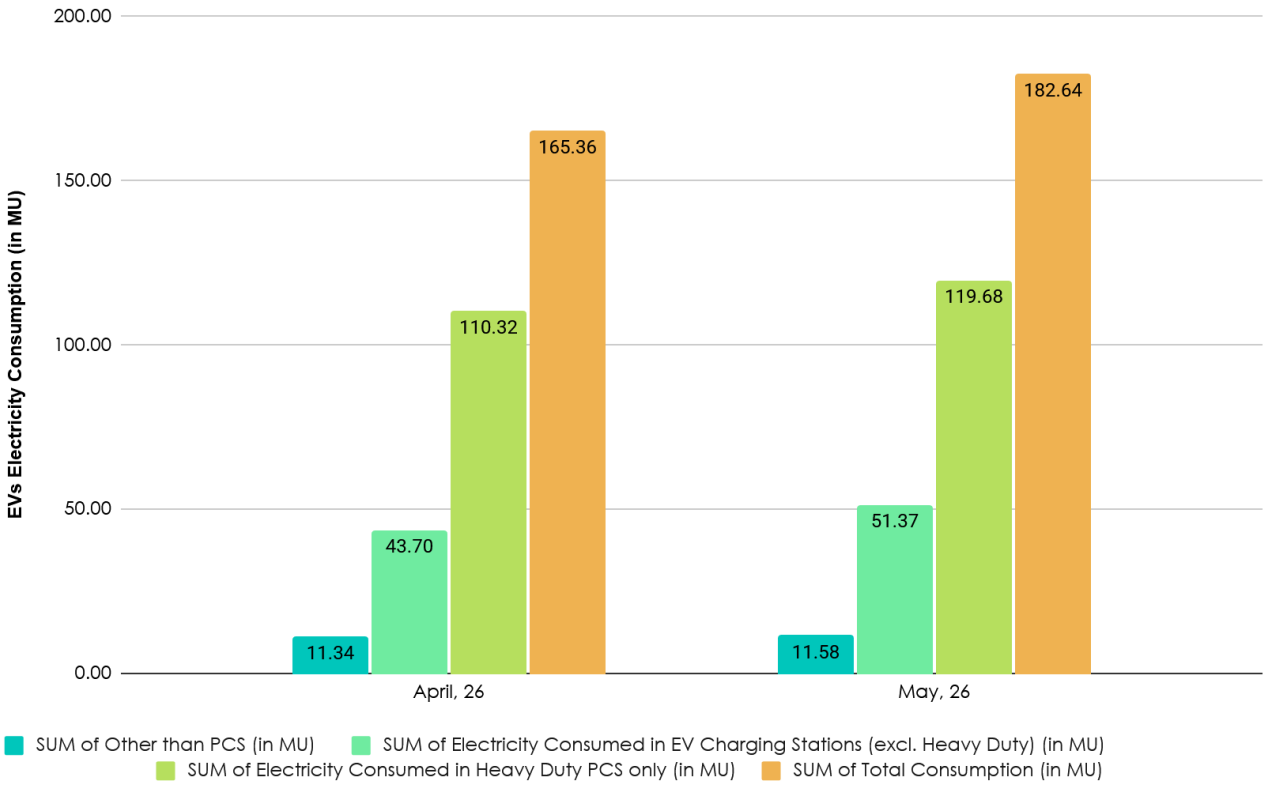
- : Data /Information not available/reported by DISCOM/Utility.

Note: As per the data furnished by State DISCOMs/ Utilities. The electricity consumption in MU is rounded off to nearest hundredth place.

Graphical representation of consumption by EV



It can be seen from above graph that in 2026-27 till May month, Maharashtra has the maximum electric-vehicles electricity consumption (93.37 MU, 26.8%) followed by Delhi (90.54 MU, 26.0%), Karnataka (43.06 MU, 12.4%), and Telangana (27.21 MU, 7.8%).



The above graph shows the electricity consumption by PCS EV charging stations along with Heavy-duty charging stations during the last 2 months i.e. April, 2026 and May, 2026. Total electricity consumption in April, 2026 was 165.36 MU whereas in May, 2026, it was 182.64 M U.