

GOVERNMENT OF INDIA  
MINISTRY OF HEAVY INDUSTRIES  
**RAJYA SABHA**  
**STARRED QUESTION NO. 71**  
ANSWERED ON 22.07.2022

**EV CHARGING STATIONS RUNNING ON RENEWABLE ENERGY SOURCES**

**71 SMT. VANDANA CHAVAN:**

**Will the Minister of Heavy Industries be pleased to state:**

- (a) the number of operational EV charging stations under Phase-II of FAME India Scheme, State and city-wise;
- (b) details of funds allocated and utilized for the same;
- (c) steps taken, if any, to ensure that EV charging stations are powered by renewable energy sources, the timeline to achieve the same and budgetary allocation made and sanctioned;
- (d) the details of public transport vehicles operational under Phase-II of FAME India Scheme, city-wise and amount of funds allocated and utilized under FAME I and II; and
- (e) the corresponding reduction in Greenhouse Gas emissions due to the adoption of aforementioned vehicles since the inception of the FAME scheme?

**ANSWER**

THE MINISTER OF HEAVY INDUSTRIES  
(DR. MAHENDRA NATH PANDEY)

**(a) to (e):** A statement is laid on the Table of the House.

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## STATEMENT

**STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (E) OF RAJYA SABHA STARRED QUESTION NO. 71 FOR 22.07.2022 ASKED BY SMT. VANDANA CHAVAN REGARDING “EV CHARGING STATIONS RUNNING ON RENEWABLE ENERGY SOURCES”.**

**(a) & (b):** Sir, Ministry of Petroleum and Natural Gas (MoPNG) has informed that Oil Marketing Companies (OMCs) as on 01.07.2022 established 3448 electric vehicle charging stations at their Retail Outlets (ROs). Under FAME India Scheme (Phase-I and Phase-II) 532 charging stations have been operationalised as on 15<sup>th</sup> July 2022 (479 FAME-I and 53 under FAME-II). Details are given at **ANNEXURE A**. Further, the Ministry of Heavy Industries has sanctioned 2877 EV Charging Stations in 68 cities across 25 states/UTs and 1576 charging stations across 9 Expressways and 16 Highways for which about Rs 610 Cr is allocated. Under the Scheme a total of Rs. 1000 Cr. is allocated for the development of charging infrastructure.

**(c):** Ministry of Power (MoP) issued revised Consolidated Guidelines & Standards for Charging Infrastructure on 14.01.2022. The guidelines provides that any Public Charging Station/Chain of Charging Stations may obtain electricity from any generation company through open access. Open access shall be provided within 15 days for this purpose. The provision allowing open access would enable the Renewable Energy to be utilized for the purpose of Charging of Electric Vehicles through these Public Charging Stations (PCS).

**(d):** Sir, the details of operational vehicles under Phase-II of FAME India Scheme is at **ANNEXURE B**. The fund utilized and allocated under FAME-I and FAME-II is at **ANNEXURE C**.

**(e):** Sir, Under FAME India Scheme Phase I and Phase II about 7.67 lakh hybrid and electric vehicles have been incentivised as on 19<sup>th</sup> July, 2022 with an estimated savings of 554 million kgs of carbon dioxide emissions. Details are [www.fame2.heavyindustries.gov.in](http://www.fame2.heavyindustries.gov.in) and [www.fame-india.gov.in](http://www.fame-india.gov.in).

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### ANNEXURE-A

Electric vehicle charging stations operationalised by Oil Marketing Companies (OMCs) at their Retail Outlets (ROs) as on 01.07.2022

State/UT	No of RO's where EV Charging Facility available
Andaman & Nicobar	2
Andhra Pradesh	191
Arunachal Pradesh	9
Assam	61
Bihar	87
Chandigarh	14
Chhattisgarh	115
Delhi	75
Goa	31
Gujarat	219
Haryana	199
Himachal Pradesh	33
Jharkhand	47

J&K UT	26
Karnataka	250
Kerala	102
Lakshadweep	1
Madhya Pradesh	242
Maharashtra	183
Manipur	16
Meghalaya	8
Nagaland	6
Odisha	118
Pondicherry	3
Punjab	125
Rajasthan	281
Tamil Nadu	235
Telangana	224
Tripura	16
Dadra and Nagar Haveli and Daman and Diu	1
Uttar Pradesh	308
Uttarakhand	43
West Bengal	177
<b>Grand Total</b>	<b>3448</b>

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**Operational charging stations under FAME-I:**

Sl. No.	Name of State/ UT	Operational Charging stations Under FAME-I
1.	Telangana	57
2.	Jharkhand	30
3.	Goa	30
4.	Karnataka	65
5.	Himachal Pradesh	9
6.	Uttar Pradesh	16
7.	Rajasthan	49
8.	Delhi	94
9.	Chandigarh UT	48
10.	Delhi-Jaipur- Agra Highway	31
11.	Mumbai-Pune Expressway	17
12.	Jaipur- Delhi Highway	9
13.	Delhi- Chandigarh Highway	24
<b>Total</b>		<b>479</b>

**Operational charging stations under FAME-II:**

Sl. No.	State/UT	City	Operational Charging stations Under FAME-II
1	Delhi	Delhi	15
2	Maharashtra	Navi Mumbai	1
3		Nagpur	7
4	Tamil Nadu	Chennai	8
5	Kerala	Thrissur	8
6		Ernakulum	6
7		Kannur	2
8	Gujarat	Ahmedabad	2
9	Karnataka	Bangalore	1
10	Madhya Pradesh	Indore	2
11	Rajasthan	Jaipur	1
<b>Total</b>			<b>53</b>

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**ANNEXURE-B**

Electric vehicles (EVs) under operation under Phase-II of FAME India Scheme as on 19-7-22:

Sl. No.	State	e2W*	e3W	e4W	Electric Bus
1	Andaman and Nicobar Islands	2	0	2	
2	Andhra Pradesh	17401	2100	2	
3	Arunachal Pradesh	1	1		
4	Assam	1161	1064	1	
5	Bihar	7108	4587	2	25
6	Chandigarh	464	63		40
7	Chhattisgarh	8579	2319	12	
8	Delhi	23928	7791	1918	209
9	Goa	2384	18	2	50
10	Gujarat	32830	932	62	238
11	Haryana	10318	1768	35	
12	Himachal Pradesh	664	171		
13	Jammu Kashmir	1984	58		
14	Jharkhand	4009	802	50	
15	Karnataka	68508	3621	597	
16	Kerala	16729	2095	11	
17	Ladakh	20			
18	Lakshadweep	3	2		
19	Madhya Pradesh	13426	3159	12	
20	Maharashtra	68710	2056	430	495
21	Manipur	34	164		
22	Meghalaya	15	9		
23	Mizoram	2			
24	Nagaland	3			
25	Odisha	13914	675	29	
26	Puducherry	844	9		
27	Punjab	6797	222	3	
28	Rajasthan	32563	1567	12	
29	Sikkim	5	1		
30	Tamil Nadu	53151	1610	14	
31	Telangana	17590	1162	166	
32	The Dadra and Nagar Haveli and Daman and Diu	39	23		10
33	Tripura	86	1453		
34	Uttar Pradesh	17296	10298	16	350
35	Uttarakhand	3290	2420	21	10
36	West Bengal	4594	1028	36	7
	Total	428452	53248	3432	1434

\*Under FAME-II only those e3w, e4w and Electric buses are incentivized which are used for public Transport or registered for commercial purpose. Private owned registered e2Ws are also incentivized under FAME-II Scheme and included in the table.

**ANNEXURE-C**

Funds allocated and utilized and allocated under Phase-I of FAME India Scheme:

Sl. No.	Financial Year	Fund Allocated	Fund Utilized
1	2015-16	Rs. 75.00 Crore	Rs. 75.00 Crore
2	2016-17	Rs. 144.00 Crore	Rs. 144.00 Crore
3	2017-18	Rs. 165.00 Crore	Rs. 165.00 Crore
4	2018-19	Rs. 145.00 Crore	Rs. 145.00 Crore

Funds allocated and utilized and allocated under Phase-II of FAME India Scheme:

Sl. No.	Financial Year	Budget Allocated	Fund Utilized
1	2019-2020	Rs. 500.00 Crore	Rs. 500.00 Crore
2	2020-2021	Rs. 318.36 Crore	Rs. 318.36 Crore
3	2021-2022	Rs. 800.00 Crore	Rs. 800.00 Crore
4	2022-23	Rs. 2908.28 Crore	Rs. 480.99 Crore as on 30.06.2022

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