

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES
DEPARTMENT OF HEAVY INDUSTRY
RAJYA SABHA
UNSTARRED QUESTION NO. 864
ANSWERED ON 19.09.2020

ELECTRIC VEHICLES POLICY

864. SHRI B. LINGAIAH YADAV:

Will the Minister of HEAVY INDUSTRIES AND PUBLIC ENTERPRISES be pleased to state:

- (a) the details of steps being taken to introduce Electric Vehicle (EV) Policy to boost economy and reduce pollution in future; and
- (b) the details of progress made, State-wise and if not, the reasons therefor?

ANSWER

THE MINISTER OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES
(SHRI PRAKASH JAVADEKAR)

(a) & (b): Sir, the Department of Heavy Industry (DHI) is administering the Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme since 01st April, 2015 to promote adoption of electric/ hybrid vehicles (xEVs) in India with an aim to reduce dependence on fossil fuel and to address issues of vehicular emissions. Phase-I of the Scheme was extended from time to time and the last extension was allowed upto 31st March 2019. At present, Phase-II of FAME India Scheme is being implemented for a period of 3 years w.e.f. 01st April, 2019 with a total budgetary support of Rs. 10,000 crore. This phase focuses on supporting electrification of public & shared transportation and aims to support, through subsidies, approx. 7000 e-Buses, 5 lakh e-3 Wheelers, 55000 e-4 Wheeler Passenger Cars and 10 lakh e-2 Wheelers. In addition, creation of charging infrastructure is also supported to address range anxiety among users of electric vehicles.

In the First Phase of the Scheme, about 2,80,987 hybrid and electric vehicles were supported by way of demand incentive, amounting to about Rs 359 crore. Further, DHI sanctioned 425 electric and hybrid buses to various cities in the country with total cost of about Rs. 280 Crores. The Department of Heavy Industry had also sanctioned 520 Charging Stations for Rs. 43 Crore (approx.) in cities like Bangalore, Chandigarh, Jaipur and NCR of Delhi under Phase-I of FAME-India Scheme. The State-wise details of progress made under FAME-India Scheme Phase-I are annexed at ANNEXURE-I.

Under Phase-II of FAME India Scheme, about 27,715 Electric Vehicles have been supported, as on 15.09.2020, by way of Demand Incentive amounting to about Rs. 95 Cr. Further, 5595 electrical buses have been sanctioned to various State/ City Transport Undertakings under Phase-II of the Scheme. This involves Government incentive of around Rs. 2800 Cr.

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Department of Heavy Industry has also sanctioned 2,636 Electric Vehicle Charging Stations amounting to Rs 500 Crore (Approx.) in 62 cities across 24 States/UTs under FAME India (Faster Adoption and Manufacturing of Hybrid & Electric Vehicles in India) scheme phase II. The State-wise details of progress made under FAME-India Scheme Phase-II are annexed at ANNEXURE-II.

Further, following initiatives have also been taken up by the Government of India to promote the use of electric/ hybrid vehicles in the country –

- (i) GST on EVs has been reduced from 12% rate to 5%; GST rate on chargers/ charging stations for electric vehicles has been reduced from 18% to 5%.
- (ii) Ministry of Power has allowed sale of electricity as ‘service’ for charging of electric vehicles. This would provide a huge incentive to attract investments into charging infrastructure.
- (iii) The Government, vide S.O. 5333(E) dated 18th October, 2018, has also granted exemption to the Battery Operated Transport Vehicles and Transport Vehicles running on Ethanol and Methanol fuels from the requirements of permit.
- (iv) In the budget of 2019-20, the Hon’ble Finance Minister announced provision of additional income tax deduction of Rs 1.5 lakh on the interest paid on loans taken to purchase electric vehicles.

ANNEXURE-I**Details of Vehicles supported through Demand Incentive under FAME-I: State-wise**

S. No.	State/ UT	No. of Electric/ Hybrid Vehicle (approx.)
1	Jammu & Kashmir	478
2	Punjab	6,925
3	Haryana	25,908
4	Chandigarh	2,533
5	Delhi	20,228
6	Rajasthan	17,405
7	Madhya Pradesh	6,979
8	Gujarat	31,577
9	Maharashtra	36,708
10	Dadra and Nagar Haveli	820
11	Telangana	9,280
12	Goa	515
13	Karnataka	15,526
14	Kerala	11,394
15	Tamil Nadu	17,901
16	Puducherry	835
17	Andhra Pradesh	10,548
18	Odisha	4,410
19	Chhattisgarh	4,823
20	Andaman and Nicobar Islands	82
21	Jharkhand	1,892
22	Tripura	86
23	Manipur	61
24	Nagaland	67
25	Assam	1,908
26	Meghalaya	6
27	West Bengal	14,775
28	Bihar	3,700
29	Uttar Pradesh	28,985
30	Uttarakhand	4,534
31	Himachal Pradesh	98
	Total	2,80,987

**Details of the cities selected and being funded for pilot project of
Electric/ Hybrid Public Transport**

S.No.	State/ UT	Buses
1	Maharashtra	95
2	West Bengal	80
3	Himachal Pradesh	75
4	Uttar Pradesh	40
5	Madhya Pradesh	40
6	Telangana	40
7	Jammu &Kashmir	40
8	Assam	15
Total		425

Details of Charging Stations sanctioned under FAME-India Scheme Phase-I:

Details of States/ UTs/ Cities	No. of Charging Stations
Public Fast Charging Infrastructure Network for Electric Vehicles at Bangalore	25
Solar Based Charging Infrastructure for EVs in NCR by REIL, Jaipur	3
Setting-up 200 Charging Stations by REIL, Jaipur Delhi-Jaipur Highway	200
Solar Grid Hybrid and Grid powered Charging Station along Delhi- Jaipur, Mumbai-Pune & few other cities	270
Solar Based Chargers (20 locations) along Delhi-Chandigarh Highway	22
Total	520

ANNEXURE-II**Details of Vehicles supported through Demand Incentive
under FAME-II:State-wise as on 15.09.2020**

S. No.	State/ UT	No. of Electric/ Hybrid Vehicle (approx.)
1	Jammu Kashmir	3
2	Punjab	108
3	Haryana	320
4	Chandigarh	33
5	Delhi	2,349
6	Rajasthan	1,096
7	Madhya Pradesh	700
8	Gujarat	399
9	Daman and Diu	18
10	Maharashtra	3,311
11	Telangana	662
12	Goa	16
13	Karnataka	7,303
14	Lakshadweep	1
15	Kerala	526
16	Tamil Nadu	3,848
17	Puducherry	38
18	Andhra Pradesh	746
19	Odisha	481
20	Chhattisgarh	671
21	Andaman and Nicobar Islands	1
22	Jharkhand	306
23	Tripura	235
24	Manipur	37
25	Assam	176
26	Meghalaya	4
27	West Bengal	469
28	Bihar	1,061
29	Uttar Pradesh	2,320
30	Uttarakhand	346
31	Himachal Pradesh	131
Total		27,715

List of States/ UTs/ Cities and number of buses sanctioned

State/ UT	No. of Buses
Andhra Pradesh	350
Assam	100
Bihar	25
Chhattisgarh	50
Dadra & Nagar Haveli	25
Delhi	400
Gujarat	600
Goa	50
Haryana	50
Himachal Pradesh	100
Jammu and Kashmir	150
Karnataka	400
Kerala	250
Maharashtra	775
Madhya Pradesh	340
Odisha	50
Rajasthan	150
Telangana	325
Tamil Nadu	525
Tripura	50
Uttarakhand	80
Uttar Pradesh	600
West Bengal	150
Total	5,595

List of States/ UTs/ Cities and number of Electric Vehicle Charging Stations sanctioned

State/ UT	No. of Electric Vehicle Charging Sanctioned
Maharashtra	317
Andhra Pradesh	266
Tamil Nadu	256
Gujarat	228
Uttar Pradesh	207
Rajasthan	205
Karnataka	172
Madhya Pradesh	159
West Bengal	141
Telangana	138
Kerala	131
Delhi	72
Chandigarh	70
Haryana	50
Meghalaya	40
Bihar	37
Sikkim	29
Jammu & Kashmir	25
Chhattisgarh	25
Assam	20
Odisha	18
Uttarakhand	10
Puducherry	10
Himachal Pradesh	10
Total	2636
