

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 283
ANSWERED ON 03.02.2023

INCENTIVES TO ELECTRIC VEHICLES MANUFACTURES

283. DR. ASHOK KUMAR MITTAL:

Will the Minister of Heavy Industries be pleased to state:

- (a) details of the incentives being given to the manufacturers of the Electric Vehicles (EVs);
- (b) the budget allotted for the development of infrastructure required for the production and functioning of EV companies;
- (c) the number of companies producing EVs in the country;
- (d) whether Government is planning to convert the public transportation system into EVs;
- (e) if so, the details thereof and if not, reasons therefor; and
- (f) whether Government is planning to develop programs for the safe disposal of lithium batteries and for controlling pollution caused by the fumes of such batteries?

ANSWER
THE MINISTER OF STATE FOR HEAVY INDUSTRIES
(SHRI KRISHAN PAL GURJAR)

(a) & (b): Sir, the Ministry of Heavy Industries has given incentives to buyers and manufacturers of electric vehicles through following three schemes:

- i. **Faster Adoption and Manufacturing of Hybrid and Electric Vehicles in India (FAME India):** The Government notified Phase-II of FAME India Scheme initially for a period of five years commencing from 1st April, 2019 with a total budgetary support of Rs. 10,000 crore. Under FAME-India Scheme phase-II, incentives are provided to buyers of electric vehicles in the form of an upfront reduction in the purchase price of electric vehicles. The incentive is linked to battery capacity i.e. Rs. 10,000/KWh for e-3W and e-4W with a cap 20% of the cost of vehicle. Further, the incentive/ subsidies for e-2W has been increased to Rs. 15,000/KWh from Rs. 10,000/KWh with an increase in cap from 20% to 40% of the cost of vehicle w.e.f. 11th June, 2021.
 - ii. **Production Linked Incentive (PLI) Scheme for Automotive Sector:** The Government on 15th Sep., 2021 approved the PLI Scheme for Automotive Sector with a budgetary outlay of Rs. 25,938 crores to support domestic manufacturing of vehicles. Electric vehicles are covered under this PLI scheme.
 - iii. **PLI Scheme for Advanced Chemistry Cell (ACC):** The Government on 12th May, 2021 approved PLI Scheme for manufacturing of ACC in the country with a budgetary outlay of Rs. 18,100 crore. The scheme envisages to establish a competitive ACC battery manufacturing set up in the country for 30 GWh. Additionally, 5GWh of niche ACC technologies is also covered under the Scheme.
- (c):** Sir, the details of electric vehicles manufacturers producing electric vehicles (e-2W, e3W and e-4W) which are registered under FAME India Scheme as on 30.01.2023 for availing demand incentive is attached as **ANNEXURE**.

(d) & (e): Yes Sir, in order to convert the public transportation system into electric vehicles (EVs), the Government launched the Faster Adoption and Manufacturing of Electric Vehicles in India Phase II (FAME India Phase II) for a period of 5 years w.e.f. 01st April, 2019 with a total budgetary support of Rs. 10,000 crores.

This phase focusses on supporting electrification of public & shared transportation and aims to support, through subsidies, 7090 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.

(f): As per the information received from Ministry of Environment, Forest and Climate Change, Government of India published the Battery Waste Management Rules, 2022 on 24th August, 2022 for environmentally sound management of waste batteries, including EV batteries.

The rules provide Extended Producer Responsibility framework for producers of batteries to recycle/ refurbish the waste batteries as per the prescribed timelines. Further, the rules mandate the recyclers to recover the minimum percentage of materials from waste batteries.

**DETAILS OF MANUFACTURERS OF ELECTRIC VEHICLES (E-2W, E-3W AND E-4W)
REGISTERED UNDER PHASE-II OF FAME INDIA SCHEME AS ON 30.01.2023**

| Sl. No. | Category | Name of Manufacturers |
|---------|----------|--|
| 1. | e-2W | Greaves Electric Mobility Pvt. Ltd. (formerly Ampere Vehicles Private Limited) |
| 2. | | Ather Energy Pvt. Ltd. |
| 3. | | Benling India Energy & Technology Pvt. Ltd. |
| 4. | | Hero Electric Vehicles Pvt. Ltd. |
| 5. | | Jitendra EV Tech Pvt. Ltd. |
| 6. | | Li-ions Elecktrik Solutions Pvt. Ltd. |
| 7. | | Okinawa Auto Tech Pvt. Ltd. |
| 8. | | Revolt Intellicorp Pvt. Ltd. |
| 9. | | TVS Motor Company Ltd. |
| 10. | | Twenty Two Motors Private Limited |
| 11. | | Ola Electric Technologies Private Limited |
| 12. | | Okaya Ev Pvt Ltd |
| 13. | | Microcon I2i Private Limited |
| 14. | | Maruthisan Private Limited |
| 15. | | Lectrix Ev Pvt.ltd. |
| 16. | | Kabira Mobility Llp |
| 17. | | Booma Innovative Transport Solutions Pvt Ltd |
| 18. | | Bajaj Auto Ltd |
| 19. | | Battre Electric Mobility Pvt Ltd |
| 20. | | Tunwal E-motors Pvt. Ltd |
| 21. | | Bgauss Auto Pvt.ltd |
| 22. | | Kinetic Green Energy & Power Solutions Ltd. * |
| 23. | | Amo Mobility Solutions Pvt Ltd |
| 24. | | Hero Motor Corp Limited |
| 25. | | Chetak Technology Limited |
| 26. | | Tork Motors Pvt. Ltd. |
| 27. | e-3W | Champion Polyplast |
| 28. | | Kinetic Green Energy and Power Solution Ltd. |
| 29. | | Mahindra Electric Mobility Ltd. * |
| 30. | | Victory Electric Vehicles Intl. Pvt. Ltd. |
| 31. | | YC Electric Vehicle Pvt. Ltd |
| 32. | | Best Way Agencies Pvt. Ltd. |
| 33. | | Energy Electric Vehicles |
| 34. | | Thukral Electric Bikes Pvt Ltd |
| 35. | | Saera Electric Auto Pvt Ltd |
| 36. | | Khalsa Agencies |
| 37. | | Goenka Electric Motor Vehicles Pvt. Ltd. |
| 38. | | Atul Auto Ltd. |
| 39. | | Dilli Electric Auto Pvt Ltd |
| 40. | | U P Telelinks Ltd |
| 41. | | Piaggio Vehicles Pvt. Ltd. |
| 42. | | Lohia Auto Industries |
| 43. | | Avon Cycles Ltd. |
| 44. | | Altigreen Propulsion Labs Pvt. Ltd. |

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| 45. | | Keto Motors Pvt. Ltd. |
| 46. | | Omega Seiki Pvt. Ltd. |
| 47. | | Speego Vehicles Co. Pvt. Ltd. |
| 48. | | Etrio Automobiles Private Ltd. |
| 49. | | Grd Motors |
| 50. | | OmBalajee Automobile India Pvt Ltd |
| 51. | | Scooters India Limited |
| 52. | | Balan Engineering Private Limited |
| 53. | | Continental Engines Private Limited |
| 54. | | Mlr Auto Ltd |
| 55. | | Euler Motors Pvt Ltd |
| 56. | | J.s. Auto Pvt Ltd. |
| 57. | | Shigan Evoltz Limited |
| 58. | | Sks Trade India Pvt Ltd |
| 59. | | Efev Charging Solutions Pvt Ltd |
| 60. | | Green Evolve Private Limited |
| 61. | | Smartomatic Vehicles Private Limited |
| 62. | | Fitwel Mobility Private Limited |
| 63. | | Ti Clean Mobility Private Limited |
| 64. | e-4W | Mahindra & Mahindra * |
| 65. | | Tata Motors |
