

GOVERNMENT OF INDIA  
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

**LOK SABHA**  
**UNSTARRED QUESTION NO. 845**  
ANSWERED ON 07<sup>TH</sup> FEBRUARY, 2019

**ELECTRIC VEHICLES BY 2030**

845. SHRI BHARAT SINGH:  
SHRI ARVIND SAWANT:  
SHRI AJAY MISRA TENI:  
SHRI VENKATESH BABU T.G.:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) the estimated number/types of electric vehicles presently operating in the country, State-wise;
- (b) whether the Government has any proposal to boost the operation of electric vehicles for ferrying of passengers and the targets, if any, fixed in the near future and whether any sops are proposed for purchase of electric vehicle;
- (c) if so, the details thereof and the steps taken by the Government to attain the targets;
- (d) the details of the measures taken by the Government to facilitate transition to Electric Vehicles by 2030, especially in relation to building AC (Alternate Current) and DC (Direct Current) electric vehicle charging infrastructure and systems for appropriate treatment and disposal of end-of- life batteries; and
- (e) whether the Government proposes to alter the entire fleet of public transportation including buses and auto-rickshaws to electric fleet keeping in view the charging time required by AC/DC chargers to fully charge a vehicle?

**ANSWER**

THE MINISTER OF STATE IN THE  
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS

(SHRI MANSUKH L. MANDAVIYA)

(a) The estimated details of number/types of electric vehicles presently operating in the country, State-wise are annexed.

(b) to (e) In order to boost the operation of electric vehicles, the Government, vide S.O. 5333(E) dated 18<sup>th</sup> October, 2018 has granted exemption to the Battery Operated Transport Vehicles from the requirements of permit. The Government has also notified that the registration mark for Battery Operated Vehicles to be on a Green background for their identification. The Government had notified GSR 629(E) dated 24<sup>th</sup> June, 2016 for retro-fitment of hybrid electric system or electric kit to vehicles running on petrol and diesel and S.O. 1013(E) dated 15<sup>th</sup> April, 2015 specifying the type approval procedure of electric hybrid vehicles. Further, Ministry of Power has issued guidelines and standards for charging infrastructure for electric vehicles on 14<sup>th</sup> December, 2018.

**ANNEXURE REFERRED IN REPLY TO PART (a) TO (e) OF LOK SABHA UNSTARRED QUESTION NO. 845 ANSWERED ON 07<sup>TH</sup> FEBRUARY, 2019 ASKED BY SHRI BHARAT SINGH AND OTHERS REGARDING ELECTRIC VEHICLES BY 2030**

**Details of e-vehicles presently operating in the country, category and State-wise:**

STATE	FOUR WHEELER (Invalid Carriage)	LIGHT GOODS VEHICLE	LIGHT MOTOR VEHICLE(NT)	LIGHT PASSENGER VEHICLE	MEDIUM GOODS VEHICLE	MEDIUM MOTOR VEHICLE(NT)	MEDIUM PASSENGER VEHICLE	THREE WHEELER(NT)	THREE WHEELER(T)	TWO WHEELER (Invalid Carriage)	TWO WHEELER(NT)	TWO WHEELER(T)	Grand Total
AN													12
AP													3217
AR		0	3	1				0	1		8		13
AS		12	5	2				0	9993		67		10079
BR		8	2	1	5			0	7499		561		8076
CG		90	35	72	1		1	304	450		1465		2418
CH		0	22	0				0	61		48		131
DD		1	7	0				0	17		15		40
DL	3	21	741	332	22			0	61918	2	3193		66232
DN		0	3	0				0	0		7		10
GA		3	78	5				1	30		281		398
GJ		195	429	8	12	3		21	518		2583		3769
HP		6	18	56	2		2	0	0		21		105
HR		96	111	5		2		23	5077		1916	2	7232
JH		61	46	24	2		2	0	3881		502		4518
JK		4	7	9				1	33		95		149
KA		80	549	14	5		1	5	143		4985		5782
KA													2200
KL													3643
LD													61
MH	1	23	781	207	3	4	4	3	2006	1	12015		15048
ML		3	6	0	1			0	0		3		13
MN		0	2	1				0	33		7		43
MP													6079
MZ		0	3	4				0	1		7		15
NL		0	2	0				0	0		0		2
OR		192	37	21	2		1	1	466	1	2591		3312
PB		39	97	6	2		1	1	94		1181		1421
PY		9	68	19	1			0	21		781		899
RJ		12	95	2				0	12661	3	2862		15635
SK		0	10	10				0	0		1		21
TN		1531	3234	694	24	33	9	6	344	1	7594		13470
TR		0	4	2				0	4		33		43
TS													2382
UK		1	1	3				0	10019		537		10561
UP		22	250	3			11	1	105123		5716		111126
WB		490	2283	1792	2		11	0	10562		909		16049
Grand Total	4	2899	8929	3293	84	42	43	367	230955	8	49984	2	314204

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