

Battery Operated Vehicles



Battery operated vehicles (BOVs) are run by batteries and are free from noise and air pollution. They are ideally suited for cities and are also suitable for use in hospitals, factories, educational institutions, wild life sanctuaries, airports and places of historic importance.

The battery operated vehicles (two wheelers) have the following advantages:

1. They have zero emissions and do not pollute the atmosphere.
2. They cost about Rs.25,000/- to Rs.40,000/- (subsidy of Rs.4000/- & Rs.5000/- for low & high speed vehicle respectively) and consume only about 1.5 KWhr of electricity to travel 60 km.
3. They can go about 30–50 km on a single charge. This capability meets the needs of an average, two wheeler-riders.
4. Most are used during the day and can be charged late at night, which is advantageous in balancing the electric power load.
5. Electric bikes reduce human exertion. They are structurally simple, convenient to charge, and easy to operate. Users do not need a driver's license to operate them.
6. They are compatible with city roads.
7. They will reduce traffic congestion in the cities.
8. They will help reduce energy consumption. Their annual operating cost is about 15% of that of motorcycles.

Incentives by Government of India (MNRE) under Alternate Fuel Surface Transportation Programme(AFSTP)							
SL NO	Company	Type of vehicle	Nos	MNRE sanction order	Date of sanction	Central Finance Assistance	Status
1	Mahindra Reva Electric Vehicles Pvt. Ltd	Passenger Car-4 seater	71	MNRE sanction order No:6/4/148/2011-AFSTP	30-Mar-11	5716122	CFA Released to the company
2	Mahindra Reva Electric Vehicles Pvt. Ltd	Passenger Car-4 seater	101	MNRE sanction order No:6/4/148/2011-AFSTP	4 th Oct 2011	8624447	CFA Released to the company

3	Mahindra Reva Electric Vehicles Pvt. Ltd	Passenger Car-4 seater	56	MNRE sanction order No:6/4/148/2011-AFSTP	4 th Oct 2011	4800000	CFA Released to the company
4	Mahindra Reva Electric Vehicles Pvt. Ltd	Passenger Car-4 seater	194	MNRE sanction order No:6/4/214/2012-AFSTP	11-Oct-12	16018000	CFA Released to the company
5	Mahindra Reva Electric Vehicles Pvt. Ltd	Passenger Car-4 seater	120	MNRE sanction order No:6/4/265/2012-nt	2 nd Aug 2013	9919000	CFA to be released shortly
5	Hero Exports	2 wheeler-262(248-LSS&14-HSS)	262	MNRE santion order No:6/4/240/2012-NT	5 th Nov 2012	4,66,800	➤ *Rs.2,47,000/- has been released to the company, however the balance amount will be released shortly as the company has complied to KREDL observations.
6	Ajanta Associates Pvt Ltd	2 wheeler-262(248-LSS&14-HSS)	13	MNRE No:6/4/253/2012-NT	14 th dec 2012	20,800	*Pending for release of subsidy *Letters has been addressed to the company to comply to MNRE guidelines

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7	BSA Motors	2 wheeler	47	Mnre no:6/4/260/2012 nt	28 th march 2013	188000	
			322			Rs. 8,04,000	