

GOVERNMENT OF INDIA  
MINISTRY OF HEAVY INDUSTRIES AND PUBLIC ENTERPRISES  
DEPARTMENT OF HEAVY INDUSTRY

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 887**  
**TO BE ANSWERED ON 13.08.2013**

**National Mission for Electric Mobility**

887. SHRI RAJIV PRATAP RUDY:

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

- (a) whether the proposed National Mission for Electric Mobility (NMEM) by Government has to promote manufacturing of electric vehicles in India;
- (b) whether Government has drawn roadmap for providing reliable electricity access through dedicated charging stations for electric vehicles;
- (c) whether real benefits in terms of environment protection and reduced CO<sub>2</sub> from electric vehicles are realized only when charged through renewable energy sources;
- (d) if so, the details thereof and whether Government plans to make mandatory provision to make certain percentage of charging station in the Mission powered by renewable energy; and
- (e) if not, the reasons therefor?

**ANSWER**

**MINISTER OF HEAVY INDUSTRIES AND PUBLIC ENTERPRISES**  
**(SHRI PRAFUL PATEL)**

(a): Yes, Sir.

(b): Yes, Sir.

(c): Electric vehicles have greatly reduced emission on a Tank to Wheel basis. Charging from renewable energy sources would result in further enhanced emission reduction as compared to charging from conventional fossil fuel generated power.

(d) & (e): While government does not plan to make mandatory provisions to make certain percentage of charging stations in the Mission Plan powered by renewable energy, the Mission envisages the link with renewable energy depending upon sustainable availability, practical feasibility etc.

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