



No.12/2/2018-EV
Government of India
Ministry of Power

2nd Floor, 'F' Wing, Nirman Bhawan,
New Delhi, the 10th January, 2025

To,

1. The Secretaries of all Ministries/Departments of Government of India
2. The Chief Secretaries of the States/UT's

Subject: Guidelines for Installation and Operation of Battery Swapping and Charging Stations – reg.

Sir/Madam,

Ministry of Power has issued the Guidelines for Installation and Operation of Electric Vehicle Charging Infrastructure-2024. These guidelines are aimed at meeting the requirements of Electric vehicles (EV)with integrated batteries. The alternative method of powering electric vehicles is through swappable batteries which can be charged separately at dedicated battery charging stations. Battery swapping is a method of quickly replacing an EV's fully or partially discharged battery with a charged one. The following guidelines govern such battery charging systems:

1. **Short Title** These guidelines shall be called "Guidelines for Installation and Operation of Battery Swapping and Battery Charging Stations".
2. **Applicability.** These guidelines shall be applicable to swappable battery providers, and owners and operators of battery charging stations and battery swapping stations located anywhere.
3. **Objectives:** Main objectives of these guidelines are as follows:
 - i) To promote swapping of batteries as an alternate method of powering EVs.
 - ii) To promote battery as a service.
 - iii) To develop a battery swapping ecosystem.
4. **Definitions:**
 1. **Battery as a Service (BaaS)** means a business model where manufacturer of battery swapping equipment or a third-party provider owns and manages swappable

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