Electrical Vehicle Policy

1.0 Philosophy

POWERGRID aspires to become a **net zero emission company** by 2047, as per its Board approved ESG policy (https://www.powergrid.in/sites/default/files/inline-files/ESG_Policy.pdf) and is accordingly taking initiatives to address its business operations responsible for emission of Green House Gases (GHGs). In line with its long-term Sustainability Goals, POWERGRID is committed to take effective steps towards reduction in diesel consumption. Presently, vehicular diesel consumption in our establishments accounts for emissions of 10,228 ton CO_2 eq i.e. 20% of our Scope-1 emissions (based on FY 2024-25 data). This policy is also intended to contribute towards national goal of achieving Net Zero by 2070 through minimising diesel consumption.

Hence, to provide further impetus to its sustainability efforts, POWERGRID strives to achieve **75% share of electric vehicles in its vehicular fleet by 2035 and to make best efforts to reach up to 100% by 2040 based on the availability and reliability of EVs considering location of several of establishments/substations in remote areas and hilly terrain.**

2.0 Scope & Applicability

The Electrical Vehicle Policy is applicable to all establishments fully owned by POWERGRID.

3.0 Approach

Various benefits are associated with electrical vehicles compared to diesel vehicles viz. lower running & maintenance cost, zero tailpipe emissions compared to diesel vehicles & no noise and air pollution.

To accrue these benefits and to move closer to achieve our Net Zero emission status goal, following steps will be taken:

- Every office establishment (Corporate Centres, RHQs, PAL Manesar, other offices) and Substations should strive for **at least 60%** of their fleet consisting of **EVs by 2030**.
- Transmission line offices should also increase the number of EVs to the extent possible/feasible.
- The enhanced mix of EVs will be achieved year wise progressively starting from FY 2026-27.
- For existing substations/offices, after expiry of existing contract for diesel vehicles, preference shall be given to hiring of EVs.

- In order to facilitate smooth adoption of EVs, every attempt should be made to develop the required charging facilities/infrastructure within the campus of our substations/offices.

4.0 Implementation

Head of Corporate HR-Admin will be responsible for overall implementation and monitoring of the policy in the organization in coordination with the Head of Department (ESG_Net Zero). At Regional/ departmental level, respective Head of Region will be responsible for implementation of the policy in their respective jurisdiction.

5.0 Alignment

This policy is in alignment with and complements the existing Policies of POWERGRID such as ESPP, ESG policy, as well as various certifications awarded to POWERGRID for example IMS {combining the requirements of ISO 14001:2015 (EMS), ISO 9001:2015 (QMS), ISO 45001:2018 (OH&SMS)}, ISO 50001:2018 (Energy Management System) and the "Shoonya (शून्य) - Zero Pollution Mobility" campaign of Niti Aayog.

6.0 Review & Revision

The Electric Vehicle Policy will be subject to periodic review and revision in line with changing regulatory framework and business dynamics, as well as expectations of stakeholders. CMD / Director (Operations) are authorized to make any amendments to the policy, as may be required from time to time, with changes to be informed to the POWERGRID's Board subsequently.