#NHforEV

'National Highways for Electric Vehicles'

L1 Bank & Piloting Agency

The Third-Generation NHEV Charging Stations will be a result of collaboration between the Banks for financial support & investments and the piloting agency for on-ground execution and implementation.

L2 Annuity Hybrid E-Mobility (AHEM) Management

API to API data sync on master dashboard phasing out contracting, disbursement, commissioning, utilization, monetization, rental income towards the breakeven point of each asset before and after commissioning to provide compressive outlook of highway upgradation in detail to investors, bank, NHAI and state govt.

L3 Network Operators (E-Way)

25 plus web applications and digital interface provide unified service delivery on each highway with a control room to ensure and cover RSA, Geo-Fencing, SOS & Ambulance, Self-Drive Rented Cars, Relay Model Resilience, Mobility as Service (MAAS), Battery as Service (BAAS) Ecommerce Tracking & Cargo Hub Delivery, Station Operation, Fleet & Booking Support to Operators etc.

L4 Construction & Ad Monetization

Construction of concrete base and assembly of modular pre-fabricated steel structure of station with Solar plate fitted tomb top is designed and detailed for fastest construction, installation and commissioning of 3rd generation charging station.

L5 Grid & Electrification

Electrification from HT line to station grid including negotiation with DISCOM and state government to share the cost of transmission and ensuring safe, stable and economic supply of power to all component and sections of station.

L6 Solar and Renewable Energy Installation

To achieve net zero power demand of 3MW at each station is divided from three sources Rooftop, GRID and Remote Solar Open Access. This component makes NHEV a lowest / unit KW charge providers to EVs on highway compared to retail chargers on Dhabas.

L7 Smart Chargers & UEI

Installation of chargers in right combinations as per fleet contracts and domestic usages and local footfall. Making chargers type and availability visible on real-time basis to all passing by EVs on e-highway and ensuring availability as per Relay model to fleets.

L8 Cargo with Battery & Swapping

12 slot Battery swapping Unit at each station with 20 electric 2W / 3W deployed to make EVs available for CARGO hubs to perform local deliveries as well as to offer users on subscription. It also builds a unified network for electric 2/3 wheeler to move at 5500 km seamlessly without charging on BAAS model.

L9 Fleet Operators & Roadside Assistance

Post Extensive analysis of current traffic and technical trials Fleet Operations, numbers of vehicle, trips, frequency, booking volume, charging sessions, minimum guarantee, charger utilization, BAAS Subscription, and public per vehicle, per kilometer, per seat, per ton fares are finalized and being calculated in revenue.

L10 Hydrogen & Green Fuel Station

Making NHEV stations capable for Hydrogen dispensing and storage and vending of future fuel and Flux engine vehicle with a Fuel Pump of future makes id 3rd Generation and futuristic energy infrastructure to remain in use for minimum next 10 years without any major upgradation, regardless of rapid fuel and technology changing in green clean mobility.