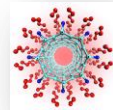# Gujarat State Draft EV Policy

23 September, 2019

Outline

▶ FAME ll Key Highlights

▶ Government of India - Budget Key Highlights

▶ Gujarat Draft EV Policy

▶ Ongoing Initiatives - Government of Gujarat

FAME II Key Highlights

- Proposed to be implemented over a period of 3 years
- The incentives are applicable to
    - Buses (only pure electric)
    - 4 Wheelers (EV, Plug-in Hybrids)
    - 3 Wheelers (Electric)
    - 2 Wheelers (Electric)
- Privately owned 4 Wheelers are NOT SUBSIDIZED under FAME 2
- Maximum capital incentive to EVs are capped at the percentage price of the vehicle as
    - Approximately 20% of the cost of the vehicles (for 2W, 3W & 4W)
    - Approximately 40% of the cost of the E-bus

GoI Budget Key Highlights

- ▸ The budgetary allocation of Rs. 10,000 Cr over three years for FAME II was announced in April 2019

- ▸ Focus on solar based charging of batteries and charging infrastructure shall boost the adoption of EV in India

- ▸ Government has moved GST council to lower tax on EV from 12% to 5%

- ▸ Additional tax deduction of Rs. 1.5 lakh on the interest paid on loans

- ▸ Custom duty on certain parts for EV reduced to ZERO.

Gujarat Draft EV Policy 2019

▸ Title: Gujarat State Electric Vehicle Policy 2019

▸ Vision

    ▸ To position Gujarat as a leader in the adoption of electric vehicles as well as establish a supportive environment to encourage manufacturers and investors for the development of the EV market.

▸ Operative Period: Up to 31 March 2022 (i.e. ~3 years, in line with FAME II Scheme)

▸ State Nodal Agency: Transport Department for demand incentives and Gujarat Energy Development Agency for charging stations

Gujarat Draft EV Policy 2019

▶ Objectives

i. To transition the State's transportation sector towards electric mobility in phases.

ii. Make Gujarat a Manufacturing Hub for EV and ancillary equipment.

iii. Encourage investment in electric mobility

iv. Job creation and research

Gujarat Draft EV Policy 2019

Vehicle Segment	Target vehicle under policy period
2 Wheeler	80,000
3 Wheeler	14,000
4 Wheeler (including commercial taxis & cargo)	4500
Buses and other transport vehicles	1500

Gujarat Draft EV Policy 2019

- Applicability:

  - Battery Electric Vehicles
  - Charging Infrastructure
  - Battery Charging/ Swapping Stations

- Housing & Commercial establishments:
  - Allowing members to install charging stations with designated parking space

- Municipal Corporations, to promote last-mile connectivity:
  - Reserved parking/ charging facility for EVs.

Gujarat Draft EV Policy 2019

- For Govt. Employees and Visitors:

  - Charging points to be provided in office parking areas

- Mid-term review: In 2 years

- Power to Issue and Interpret: Transport Department, GoG

- Private charging infrastructure allowed; DisComs to facilitate it

  Tariff for input power to station to be determined by SERCs. In Gujarat
  - INR 4.10 (LT) and INR 4.00 (HT) per kWh and demand charge of INR 25 per kVA

Gujarat Draft EV Policy 2019

- Convergence
  - National Electric Mobility Mission Plan (NEMMP)-2020
  - Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME)
  - Manufacturing: As per Gujarat Industrial Policy-2015

- Nodal Departments/ Agencies
  - Manufacturing: State-level Investment Facilitation Centre (IFA) @ Industries Commission Agency
  - Capital subsidies for EV consumers: Transport Department, GoG
  - Capital subsidies for Charging Stations: GEDA, GoG
  - R&D platform for Industry, Academia & Govt.: GERMI

Ongoing Initiatives at Govt. of Gujarat

▶ As per FAME I statistics (from Dashboard), Gujarat is one of the leading performers in the country in the deployment of electric vehicles. A total of 31,000 Vehicles have already been sanctioned under this policy

▶ State nodal agency Gujarat Energy Development Agency (GEDA) has been independently running an EV subsidy scheme for students which has been very successful. A total of 4,000 students have already availed benefits under this scheme.

▶ Dholera is being developed as a smart city. We are exploring the possibility of manufacturing EV and batteries as a specific manufacturing zone at Dholera smart city.This should give a massive boost to EVs in Gujarat.

Thank you