Gujarat State Draft EV Policy

23 September, 2019
Outline

- FAME II 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
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.
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- **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
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
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<table>
<thead>
<tr>
<th>Vehicle Segment</th>
<th>Target vehicle under policy period</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Wheeler</td>
<td>80,000</td>
</tr>
<tr>
<td>3 Wheeler</td>
<td>14,000</td>
</tr>
<tr>
<td>4 Wheeler (including commercial taxis &amp; cargo)</td>
<td>4500</td>
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<tr>
<td>Buses and other transport vehicles</td>
<td>1500</td>
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- **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.
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
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- 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