Government of Punjab, Department of Transport, (Transport-2 Branch)

Notification

The.21.St February, 2023

No. 19312-18-212452-29 The Governor of Punjab is pleased to notify the 'Punjab Electric Vehicle Policy-2022' which will be valid for a period of 3 years from the date of notification. The Punjab Electric Vehicle Policy, 2022 is placed below at Annexure-'A'. The Policy has been approved by the Council of Ministers in its meeting held on 03.02.2023.

Chandigarh
The 21st February, 2023

VIKAS GARG
Principal Secretary to Government of Punjab,
Department of Transport.

No.10/43/2018-2T2(PF-2022)/331

Dated, Chandigarh, the 21st 02/2023

A copy is forwarded to the Controller, Printing & Stationery Department, Punjab, Chandigarh for publication in the Punjab Government Gazette (ordinary). Fifty copies of this notification may be sent to this Department for official use.

Superintendent

No. 10/43/2018-2T2(PF-2022)/

Dated, Chandigarh, the

A copy is forwarded to the State Transport Commissioner, Punjab Chandigarh with reference to his letter No.STC-P(P-3)/9023 dated 20.02.2023. He is requested to upload the same on the website of the department and also send a copy to all concerned for information and necessary action.

Superintendent



PUNJAB ELECTRIC VEHICLE POLICY (PEVP) 2022

TABLE OF CONTENTS

1. C	ontext and Need for Policy
	bjectives of the Policy
	eveloping a Robust EV Ecosystem 3
3.1.	
3.2.	Developing Network of EV Charging Infrastructure9
3.3.	Strategic Initiatives - R&D and Innovation Error! Bookmark not defined.
3.4.	
4. E	ncouraging Manufacturing Ecosystem for EVs in Punjab 14
4.1.	Manufacturing units
4.2.	Hi-tech Cycle Valley, Ludhiana
4.3.	Special concessions for EV Units
4.4.	Skilling Initiatives for EV Ecosystem
5. Pc	licy Implementation and Institutional Structure
5.1.	EV Cell:20
5.2,	State EV Committee:
5.3. defii	State Level Nodal Agency for Charging Infrastructure Front Bookmark and
5.4 .	District Level Implementation Committee (DLIC)

List of Abbreviations

1 2W Two Wheelers 2 3W Three Wheelers 4 AKIC Amritsar Kolkata Industrial Corridor 5 ASDC Automotive Skill Development Council 6 BEV Battery operated Electric Vehicle 7 CMVR Center Motor Vehicle Rules 8 COE Centre of Excellence 9 DLIC District Level Implementation Committee 10 E2W Electric Two Wheelers 11 E3W Electric Autos, E-Rickshaws & E-Karts 12 E4W Electric Vehicles Initiative 13 EV Electric Vehicles Initiative 14 EVI Electric Vehicles Initiative 15 FAME FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in Indial 16 FCI Fixed Capital Investment 17 G.S.R. General Statutory Rules 18 GST Goods & Service Tax 19 IEC Information, Education and Communication 20 kVAh Kilo Volk Ampere Hours	#	Abbreviation	Full Form
4 AKIC Amritsar Kolkata Industrial Corridor 5 ASDC Automotive Skill Development Council 6 BEV Battery operated Electric Vehicle 7 CMVR Center Motor Vehicle Rules 8 COE Centre of Excellence 9 DLIC District Level Implementation Committee 10 E2W Electric Two Wheelers 11 E3W Electric Two Wheelers 11 E3W Electric Passenger Carrier, LCV, State Carriage, Maxi Cabs & Taxis 12 E4W Electric Passenger Carrier, LCV, State Carriage, Maxi Cabs & Taxis 13 EV Electric Vehicles 14 EVI Electric Vehicles Initiative 15 FAME FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India] 16 FCI Fixed Capital Investment 17 G.S.R. General Statutory Rules 18 GST Goods & Service Tax 19 IEC Information, Education and Communication 18 KVAh Kilo Volt Ampere Hours 20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MoBIL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Road Transport & Flighways 25 NATRIP National Automotive Testing & R&D Infrastructure Project 28 NEMMP National Automotive Testing & R&D Infrastructure Project 29 PEDA Punjab Energy Development Authority 29 PEDA Punjab Energy Development Mamufacturer 29 PEDA Punjab State Development Mission 30 PEFSU Punjab State Development Mission 31 PEFV Punjab State Bus Stand Management Company 32 R&D Research & Development 33 RFP Request for Proposal 34 RFP Request for Proposal 35 RWA Residents Welfare Association 36 SDGs Sustainable Development Goals	1	2W	Two Wheelers
AKIC Amritsar Kolkata Industrial Corridor ASDC Automotive Skill Development Council BEV Battery operated Electric Vehicle Contro of Excellence DLIC District Level Implementation Committee Each Electric Two Wheelers Electric Two Wheelers Electric Two Wheelers Electric Passenger Carrier, LCV, State Carriage, Maxi Cabs & Taxis EV Electric Vehicles Electric Vehicles Initiative FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles Initiative FAME FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in Indial FCI Fixed Capital Investment GS.R. General Statutory Rules Information, Education and Communication kVAh Kilo Volt Ampere Hours LCV Light Commercial Vehicles MORITH Ministry of Road Transport & Flighways NATRIP National Automotive Testing & R&D Infrastructure Project NATRIP National Automotive Testing & R&D Infrastructure Project NRSE New and Renewable Sources of Energy (NRSE) Policy NRSE New and Renewable Sources of Energy (NRSE) Policy PEPSU PEPSU Road Transport Corporation PEPSU Punjab State Electricity Regulatory Commission PEPCL Punjab State Electricity Regulatory Commission REP Request for Proposal REP Request for Proposal RAA Road Transport Authority RWA Residents Welder Association SDGs Sustainable Development Goals	2	3W	Three Wheelers
S	3	4W	Four Wheelers
ASDC	4	AKIC	Amritsar Kolkata Industrial Corridor
6 BEV Battery operated Electric Vehicle 7 CMVR Center Motor Vehicle Rules 8 COE Centre of Excellence 9 DLIC District Level Implementation Committee 10 E2W Electric Two Wheelers 11 E3W Electric Autos, E-Rickshaws & E-Karts 12 E4W Electric Passenger Carrier, LCV, State Carriage, Maxi Cabs & Taxis 13 EV Electric Vehicles 14 EVI Electric Vehicles Initiative 15 FAME FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India] 16 FCI Fixed Capital Investment 17 G.S.R. General Statutory Rules 18 GST Goods & Service Tax 19 IEC Information, Education and Communication 20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Housing & Urban Affairs 25 NATRIP, National Automotive Testing & R&D Infrastructure Project 26 NEMMP National Electric Mobility Mission Plan 27 NRSE New and Renewable Sources of Energy (NRSE) Policy 28 OEM Original Equipment Manufacturer 29 PEDA Punjab Energy Development Authority 20 PEPSU PEPSU Road Transport Corporation 21 PEVP Punjab Electric Vehicle Policy 22 PSDM Punjab Skill Development Mission 23 PSERC Punjab State Power Corporation Limited 34 PSFCL Punjab State Bus Stand Management Company 36 R&D Research & Development 37 RFP Request for Proposal 38 RTA Road Transport Authority 39 RWA Residents Wellare Association 40 SDGs	5	ASDC	### Profession
7 CMVR Center Motor Vehicle Rules 8 COE Centre of Excellence 9 DLIC District Level Implementation Committee 10 E2W Electric Two Wheelers 11 E3W Electric Two Wheelers 12 E4W Electric Vehicles 13 EV Electric Vehicles 14 EVI Electric Vehicles Initiative FAME FAME India Scheme [Faster Adoption and Manufacturing of (Flybrid &) Electric Vehicles in India] 16 FCI Fixed Capital Investment 17 G.S.R. General Statutory Rules 18 GST Goods & Service Tax 19 IEC Information, Education and Communication 20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Road Transport & Flighways 24 MoRTH Ministry of Road Transport & Flighways 25 NATRIP National Automotive Testing & R&D Infrastructure Pr	6	BEV	
Second	7	CMVR	
DLIC District Level Implementation Committee	8	COE	
10 E2W	9	DLIC	
Eactric-Passenger Carrier, LCV, State Carriage, Maxi Cabs & Taxis	10	E2W	
12 E4W Electric Passenger Carrier, LCV, State Carriage, Maxi Cabs & Taxis 13 EV Electric Vehicles 14 EVI Electric Vehicles Initiative 15 FAME FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India] 16 FCI Fixed Capital Investment 17 G.S.R. General Statutory Rules 18 GST Goods & Service Tax 19 IEC Information, Education and Communication 20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Housing & Urban Affairs 25 NATRIP National Automotive Testing & R&D Infrastructure Project 26 NEMMP National Electric Mobility Mission Plan 27 NRSE New and Renewable Sources of Energy (NRSE) Policy 28 OEM Original Equipment Manufacturer 29 PEDA Punjab Electric Vehicle Policy 30 PEFSU PEFSU Po	11	E3W	Electric Autos, E-Rickshaws & E-Karts
13 EV	12	E4W	
FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India] 16 FCI Fixed Capital Investment 17 G.S.R. General Statutory Rules 18 GST Goods & Service Tax 19 IEC Information, Education and Communication 20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Road Transport & Highways 25 NATRIP National Automotive Testing & R&D Infrastructure Project 26 NEMMP National Electric Mobility Mission Plan 27 NRSE New and Renewable Sources of Energy (NRSE) Policy 28 OEM Original Equipment Manufacturer 29 PEDA Punjab Energy Development Authority 30 PEPSU PEPSU Road Transport Corporation 31 PEVP Punjab Electric Vehicle Policy 32 PSDM Punjab Skill Development Mission 33 PSERC Punjab State Electricity Regulatory Commission 34 PSPCL Punjab State Bus Stand Management Company 35 PUNBUS Punjab State Bus Stand Management Company 36 R&D Research & Development 37 RPP Request for Proposal 38 RTA Road Transport Authority 39 RWA Residents Welfare Association 40 SDGs Sustainable Development Goals	13	EV	Electric Vehicles
FCI Fixed Capital Investment G.S.R. General Statutory Rules GST Goods & Service Tax In Fixed Capital Investment GST Goods & Service Tax In Fixed Capital Investment In GST Goods & Service Tax In Fixed Capital Investment In GST Goods & Service Tax In Fixed Capital Investment In GST Goods & Service Tax In Fixed Capital Investment In GST Goods & Service Tax In Fixed Capital Investment In GST Goods & Service Tax In GST Goods	14	EVI	Electric Vehicles Initiative
17 G.S.R. General Statutory Rules 18 GST Goods & Service Tax 19 IEC Information, Education and Communication 20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Road Transport & Highways 25 NATRIP National Automotive Testing & R&D Infrastructure Project 26 NEMMP National Electric Mobility Mission Plan 27 NRSE New and Renewable Sources of Energy (NRSE) Policy 28 OEM Original Equipment Manufacturer 29 PEDA Punjab Energy Development Authority 30 PEPSU PEPSU Road Transport Corporation 31 PEVP Punjab Skill Development Mission 33 PSERC Punjab State Electricity Regulatory Commission 34 PSPCL Punjab State Bus Stand Management Company 36 R&D Research & Development 37 RFP Request for Proposal 38 RTA Road Transport Authority 39 RWA Residents Welfare Association 50 SDGs Sustainable Development Goals	15	FAME	FAME India Scheme [Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India]
17 G.S.R. General Statutory Rules 18 GST Goods & Service Tax 19 IEC Information, Education and Communication 20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Road Transport & Highways 25 NATRIP National Automotive Testing & R&D Infrastructure Project 26 NEMMP National Electric Mobility Mission Plan 27 NRSE New and Renewable Sources of Energy (NRSE) Policy 28 OEM Original Equipment Manufacturer 29 PEDA Punjab Energy Development Authority 30 PEPSU PEPSU Road Transport Corporation 31 PEVP Punjab Skill Development Mission 33 PSERC Punjab Skill Development Mission 34 PSPCL Punjab State Electricity Regulatory Commission 34 PSPCL Punjab State Power Corporation Limited 35 PUNBUS Punjab State Bus Stand Management Compan	16	FCI	Fixed Capital Investment
18 GST Goods & Service Tax 19 IEC Information, Education and Communication 20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Road Transport & Highways 25 NATRIP National Automotive Testing & R&D Infrastructure Project 26 NEMMP National Electric Mobility Mission Plan 27 NRSE New and Renewable Sources of Energy (NRSE) Policy 28 OEM Original Equipment Manufacturer 29 PEDA Punjab Energy Development Authority 30 PEPSU PEPSU Road Transport Corporation 31 PEVP Punjab Electric Vehicle Policy 32 PSDM Punjab Skill Development Mission 33 PSERC Punjab State Electricity Regulatory Commission 34 PSPCL Punjab State Bus Stand Management Company 36 R&D Research & Development 37 RFP Request for Proposal	17	G.S.R.	
20 kVAh Kilo Volt Ampere Hours 21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Road Transport & Highways 25 NATRIP National Automotive Testing & R&D Infrastructure Project 26 NEMMP National Electric Mobility Mission Plan 27 NRSE New and Renewable Sources of Energy (NRSE) Policy 28 OEM Original Equipment Manufacturer 29 PEDA Punjab Energy Development Authority 30 PEPSU PEPSU Road Transport Corporation 31 PEVP Punjab Electric Vehicle Policy 32 PSDM Punjab Skill Development Mission 33 PSERC Punjab State Electricity Regulatory Commission 34 PSPCL Punjab State Bus Stand Management Company 36 R&D Research & Development 37 RFP Request for Proposal 38 RTA Road Transport Authority 39 RWA Residents Welfare Association 40 SDGs Sustainable Development Goals	18	GST	
20kVAhKilo Volt Ampere Hours21LCVLight Commercial Vehicles22MBBLModel Building Bye-Laws23MoHUAMinistry of Housing & Urban Affairs24MoRTHMinistry of Road Transport & Highways25NATRIPNational Automotive Testing & R&D Infrastructure Project26NEMMPNational Electric Mobility Mission Plan27NRSENew and Renewable Sources of Energy (NRSE) Policy28OEMOriginal Equipment Manufacturer29PEDAPunjab Energy Development Authority30PEPSUPEPSU Road Transport Corporation31PEVPPunjab Electric Vehicle Policy32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	19	IEC	Information, Education and Communication
21 LCV Light Commercial Vehicles 22 MBBL Model Building Bye-Laws 23 MoHUA Ministry of Housing & Urban Affairs 24 MoRTH Ministry of Road Transport & Highways 25 NATRIP National Automotive Testing & R&D Infrastructure Project 26 NEMMP National Electric Mobility Mission Plan 27 NRSE New and Renewable Sources of Energy (NRSE) Policy 28 OEM Original Equipment Manufacturer 29 PEDA Punjab Energy Development Authority 30 PEPSU PEPSU Road Transport Corporation 31 PEVP Punjab Electric Vehicle Policy 32 PSDM Punjab Skill Development Mission 33 PSERC Punjab State Electricity Regulatory Commission 34 PSPCL Punjab State Bus Stand Management Company 36 R&D Research & Development 37 RFP Request for Proposal 38 RTA Road Transport Authority 39 RWA Residents Welfare Association 40 SDGs Sustainable Development Goals	20	kVAh	
22MBBLModel Building Bye-Laws23MoHUAMinistry of Housing & Urban Affairs24MoRTHMinistry of Road Transport & Highways25NATRIPNational Automotive Testing & R&D Infrastructure Project26NEMMPNational Electric Mobility Mission Plan27NRSENew and Renewable Sources of Energy (NRSE) Policy28OEMOriginal Equipment Manufacturer29PEDAPunjab Energy Development Authority30PEPSUPEPSU Road Transport Corporation31PEVPPunjab Electric Vehicle Policy32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	21	LCV	
23MoHUAMinistry of Housing & Urban Affairs24MoRTHMinistry of Road Transport & Highways25NATRIPNational Automotive Testing & R&D Infrastructure Project26NEMMPNational Electric Mobility Mission Plan27NRSENew and Renewable Sources of Energy (NRSE) Policy28OEMOriginal Equipment Manufacturer29PEDAPunjab Energy Development Authority30PEPSUPEPSU Road Transport Corporation31PEVPPunjab Electric Vehicle Policy32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	22	MBBL	
24MoRTHMinistry of Road Transport & Flighways25NATRIPNational Automotive Testing & R&D Infrastructure Project26NEMMPNational Electric Mobility Mission Plan27NRSENew and Renewable Sources of Energy (NRSE) Policy28OEMOriginal Equipment Manufacturer29PEDAPunjab Energy Development Authority30PEPSUPEPSU Road Transport Corporation31PEVPPunjab Electric Vehicle Policy32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	23	MoHUA	
NATRIP National Automotive Testing & R&D Infrastructure Project	24	MoRTH	
National Electric Mobility Mission Plan New and Renewable Sources of Energy (NRSE) Policy New and Renewable Sources of Energy (NRSE) Policy Original Equipment Manufacturer PEDA Punjab Energy Development Authority PEPSU Pepsu Pepsu Policy Pepsu Policy Punjab Electric Vehicle Policy Pepsu Punjab Skill Development Mission Pepsu Punjab State Electricity Regulatory Commission Pepsu Punjab State Power Corporation Limited Pepsu Punjab State Bus Stand Management Company Research & Development Research & Development Research & Development Research & Request for Proposal Research & Residents Welfare Association SDGs Sustainable Development Goals	25	NATRIP	National Automotive Testing & R&D Infrastructure Project
27NRSENew and Renewable Sources of Energy (NRSE) Policy28OEMOriginal Equipment Manufacturer29PEDAPunjab Energy Development Authority30PEPSUPEPSU Road Transport Corporation31PEVPPunjab Electric Vehicle Policy32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	26	NEMMP	National Electric Mobility Mission Plan
28 OEM Original Equipment Manufacturer 29 PEDA Punjab Energy Development Authority 30 PEPSU PEPSU Road Transport Corporation 31 PEVP Punjab Electric Vehicle Policy 32 PSDM Punjab Skill Development Mission 33 PSERC Punjab State Electricity Regulatory Commission 34 PSPCL Punjab State Power Corporation Limited 35 PUNBUS Punjab State Bus Stand Management Company 36 R&D Research & Development 37 RFP Request for Proposal 38 RTA Road Transport Authority 39 RWA Residents Welfare Association 40 SDGs Sustainable Development Goals	27	NRSE	
29PEDAPunjab Energy Development Authority30PEPSUPEPSU Road Transport Corporation31PEVPPunjab Electric Vehicle Policy32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	28	OEM	Original Equipment Manufacturer
30PEPSUPEPSU Road Transport Corporation31PEVPPunjab Electric Vehicle Policy32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	29	PEDA	
31PEVPPunjab Electric Vehicle Policy32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	30	PEPSU	
32PSDMPunjab Skill Development Mission33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	31	PEVP	
33PSERCPunjab State Electricity Regulatory Commission34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	32	PSDM	
34PSPCLPunjab State Power Corporation Limited35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	33	PSERC	
35PUNBUSPunjab State Bus Stand Management Company36R&DResearch & Development37RFPRequest for Proposal38RTARoad Transport Authority39RWAResidents Welfare Association40SDGsSustainable Development Goals	34	PSPCL	Punjab State Power Corporation Limited
36 R&D Research & Development 37 RFP Request for Proposal 38 RTA Road Transport Authority 39 RWA Residents Welfare Association 40 SDGs Sustainable Development Goals	35	PUNBUS	Punjab State Bus Stand Management Company
37 RFP Request for Proposal 38 RTA Road Transport Authority 39 RWA Residents Welfare Association 40 SDGs Sustainable Development Goals	36	R&D	
38 RTA Road Transport Authority 39 RWA Residents Welfare Association 40 SDGs Sustainable Development Goals	37	RFP	
39 RWA Residents Welfare Association 40 SDGs Sustainable Development Goals	38	RTA	
40 SDGs Sustainable Development Goals	39	RWA	
41 SINA Cost I IN IN		·	
State Level Nodal Agency	41	SLNA	State Level Nodal Agency

1. Context and Need for Policy

Adoption of Electric Vehicles (EVs) for road transport contributes to a wide range of goals. These include - better air quality, reduced noise pollution, enhanced energy security and in combination with a low carbon power generation mix, reduced greenhouse gas emissions.

To enable this paradigm shift in road transport, Government of India formulated a roadmap-National Electric Mobility Mission Plan 2020 with a vision to facilitate EV sales of 6-7 mn units by 2020. As a part of the plan, FAME (Faster Adoption and Manufacture of (Hybrid &) and Electric Vehicles) pilot scheme was launched in 2015 with an objective to promote electric vehicles. In 2019, the second phase of the FAME scheme (FAME-II) was launched with much bigger budget to enable demand and infrastructure creation to support the mobility transformation. Additionally, the Phased Manufacturing Program has been launched to promote indigenous manufacturing of EVs & EV components and provide a thrust to EV manufacturing in India. It is estimated that the success of FAME II coupled with other policy initiatives including state policies would result in EV sales penetration of 30% of private cars, 70% of commercial cars, 40% of buses and 80% of 2Ws and 3Ws by 2030.1.

1.1. Need for a Punjab EV Policy:

With various initiatives/schemes launched by the Government of India, both EV adoption and manufacturing are expected to be bolstered in the next decade. Now, the impetus must come from States & Cities to develop policy and implementation frameworks to provide necessary enablers and ecosystem to drive EV manufacturing and adoption.

Punjab is well placed as an auto & auto ancillary manufacturing destination with leading players already present in the State, access to large consumer markets and state of art infrastructure. Further, Government of Punjab recognizes the need for promoting cleaner mobility considering high level of vehicular emissions in major cities- Ludhiana, Jalandhar, Patiala, Amritsar & Bathinda that contribute to more than 50% of vehicular emissions in the State.

Therefore, Government of Punjab recognizes the potential of EVs as a long-term sustainable solution and has decided to develop a dedicated policy for promoting EVs & EV component manufacturing and supporting EV adoption in the state with a prime focus on promoting cleaner mobility and creating jobs.

¹India's Electric Mobility Transformation, NITI AAYOG, April 2019