



# EV CHARGING INFRASTRUCTURE

# About EV Charging

The Indian EV market is anticipated to register a CAGR of about 20% during the forecast period (2020-2025). Central Govt. “FAME” (Faster Adoption and Manufacturing of Hybrid & Electric Vehicles) has a proposed allocation of 10,000 crores and ambitious target of 30% EV by 2030.

Various tax incentives are also rolled out by the Central Govt. Benefits offered by EVs not limiting to the fossil fuel dependence urban air pollution and carbon emissions has a major role to play in coming times.

These circumstances position India to pursue an EV policy which systematically ensures that India's EV program keeps pace with the global scale large economies seem to take significant steps towards electrification of vehicles. In this transformation from fossil fuel vehicles to electric vehicles, setting up world class and proven technology charging infrastructure plays a vital role.

Creating end mile connectivity on highways and setting up network of charging stations in cities and towns will expedite this journey and provide confidence and comfort to people, business houses in adopting EV's.



# About **JnP** Infratech

JnP Infratech is a start-up in the field of Clean Energy with focus on Electric Vehicle [EV] Eco-System.

Working in the Charging Infrastructure space of EVs, our vision is to supplement efforts for Clean Environment Drive-by enhancing long-distance travel using clean and green energy.

JnP Infratech proposes to achieve this through the process of collaboration with various stakeholders in the EV space. Through this collaborative approach, JnP Infratech endeavours to build an ecosystem around electric vehicles with a focus on Charging Infrastructure under the brand “**Chargeport**”

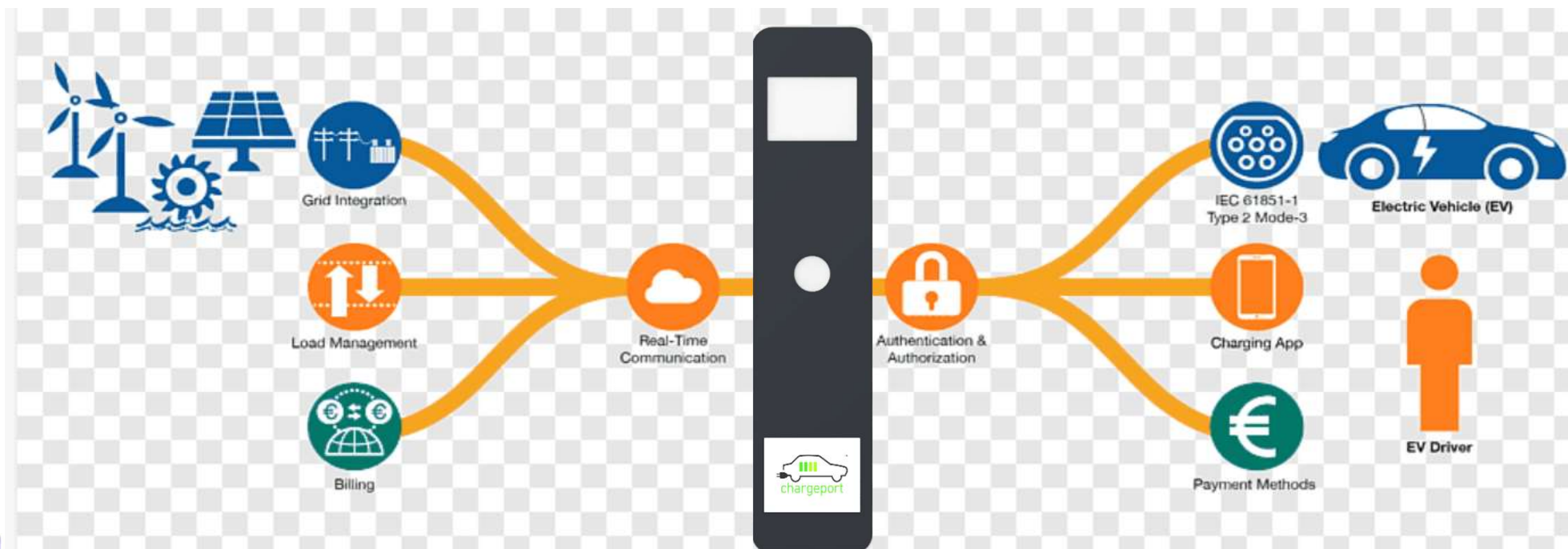
As charging needs evolve, we'll continue providing the infrastructure and expertise needed to adopt electric mobility—along with all the support to keep customers happy and vehicles on the move. Working together, we can shape a sustainable future of transportation that's better for everyone.

While we are prepared for the next wave of growth, we hope to inspire and impact technology for Business. We provide simplified solutions to businesses and believe in building a productive and sustainable future by making electric driving the new universal norm.



# What We Offer

We offer a range of electric vehicle charging solutions—Chargers, software, and services. Our chargers are compatible with all EV models, powered by intelligent software, and installed and serviced by technical professionals.



# Applications

## **RESIDENTIAL**

- Bungalows
- Individual Houses
- Residential Societies

## **URBAN INFRASTRUCTURE**

- Mall
- Hospitals
- Hotels
- Commercial Developments

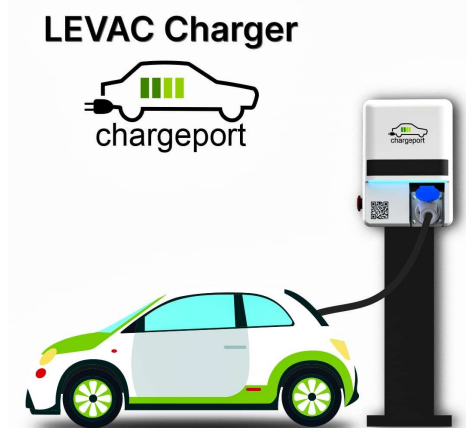
## **SOCIAL INFRASTRUCTURE**

- Airports
- Railway Stations
- Bus Stations
- Parking Facilities

## **HIGHWAY INFRASTRUCTURE**

- Way side amenities

# Product Variants- Samples\*



TYPE [AC] – 3.3KW / 10KW  
Number of Outlets: 1 or Combination of 3  
Operation: 24-7-365 Unmanned

Vehicle : 2W/3W  
2Wheeler : Hero, Ather, Ola, TVS, Suzuki etc  
3 Wheeler : Atul, Mahindra etc



TYPE [ AC LEVEL 2] 7.4KW – 22KW  
Charger Number of Outlets: 1 (Dual Available) Operation: 24-7-365 Unmanned  
Vehicle : 4 Wheeler  
4 Wheeler :  
Mid range : Nexon, MG ZS, Kona  
Luxury Seg : Audi E Tron, Mercedes EQC



TYPE [DC FAST CHARGER] – 30KW - 240KW  
Number of Outlets: 1 GUN/2 GUN  
Operation: 24-7-365 Unmanned  
Vehicle : 4 & Higher Wheeler  
4 Wheeler Range :  
Mid Seg : Nexon, MG ZS, Kona  
Luxury Seg : Audi E Tron, Mercedes EQC

\* Customized specifications can be offered

# Key Features

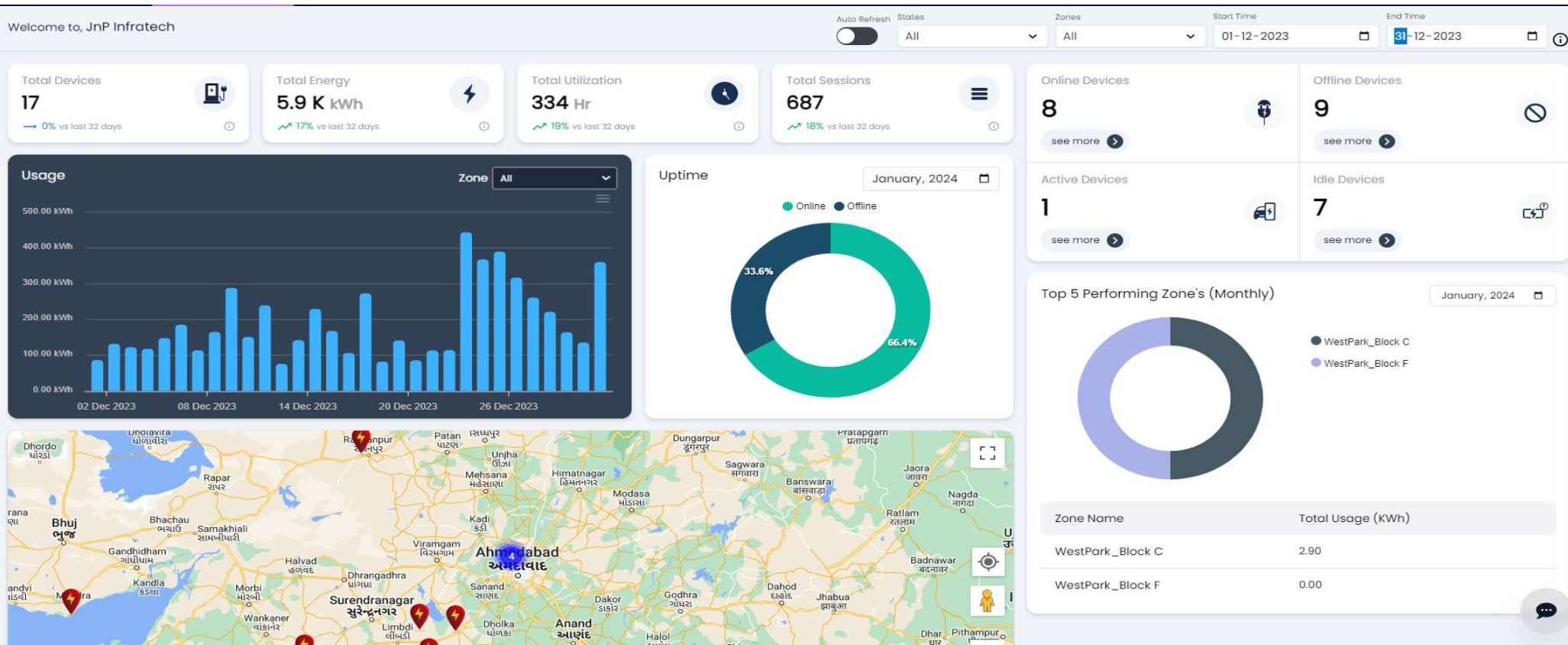
## EV Chargers (DC):

- Modular Design :  
As the demand grows, due to our modular design we can increase the charger capacity and can be upgraded at site with minimal down time.
- FOTA (Firmware over the Air) :  
FOTA enables real-time monitoring of charger health, parameters, data movement etc.  
Enable to change the firmware remotely.
- MAC / VIN Charging :  
Vehicle charging can be done without QR / Mobile App. Customer is required to keep the sufficient balance in the wallet.

## Charger Management Software (CMS):

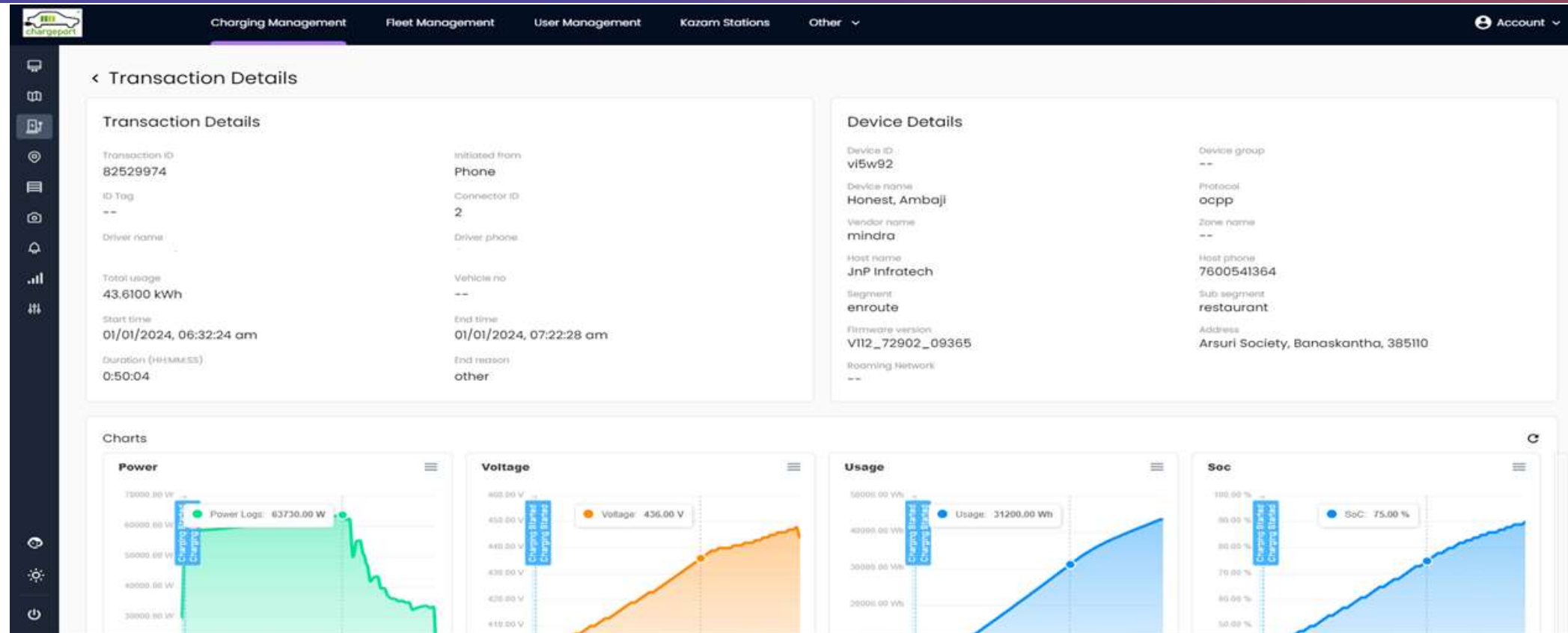
- Open Platform
- Time Tested Machines
- Options of RFID/QR Code/App based Authentication
- Real time down time Remote Monitoring
- Booking, Scheduling, Tariff management

# CMS Sample Report – Dash Board





# CMS Sample Report – Vehicle Utilization



# Public EV Charging Locations - Gujarat

- Currently Our Public EV-Charging Infrastructure is created focusing on end-mile connectivity between Tier - 1 to Tier - 2 & Tier – 3 cities in Gujarat through Charge Point Operation, Investor Services, City Infrastructure
- Aggressively increasing the foot Print of DC Public Charging Network on strategic locations. Plan to have DC Charges at every 100Km Distance
- We are closely working with Real Estate Developers / Commercial Property Owners / Housing societies / Govt. Institutes to provide location based charging / public charging in the Tier-1 Cities
- Have fully integrated technology powered by software system with hardware and renewable energy capabilities



Operational



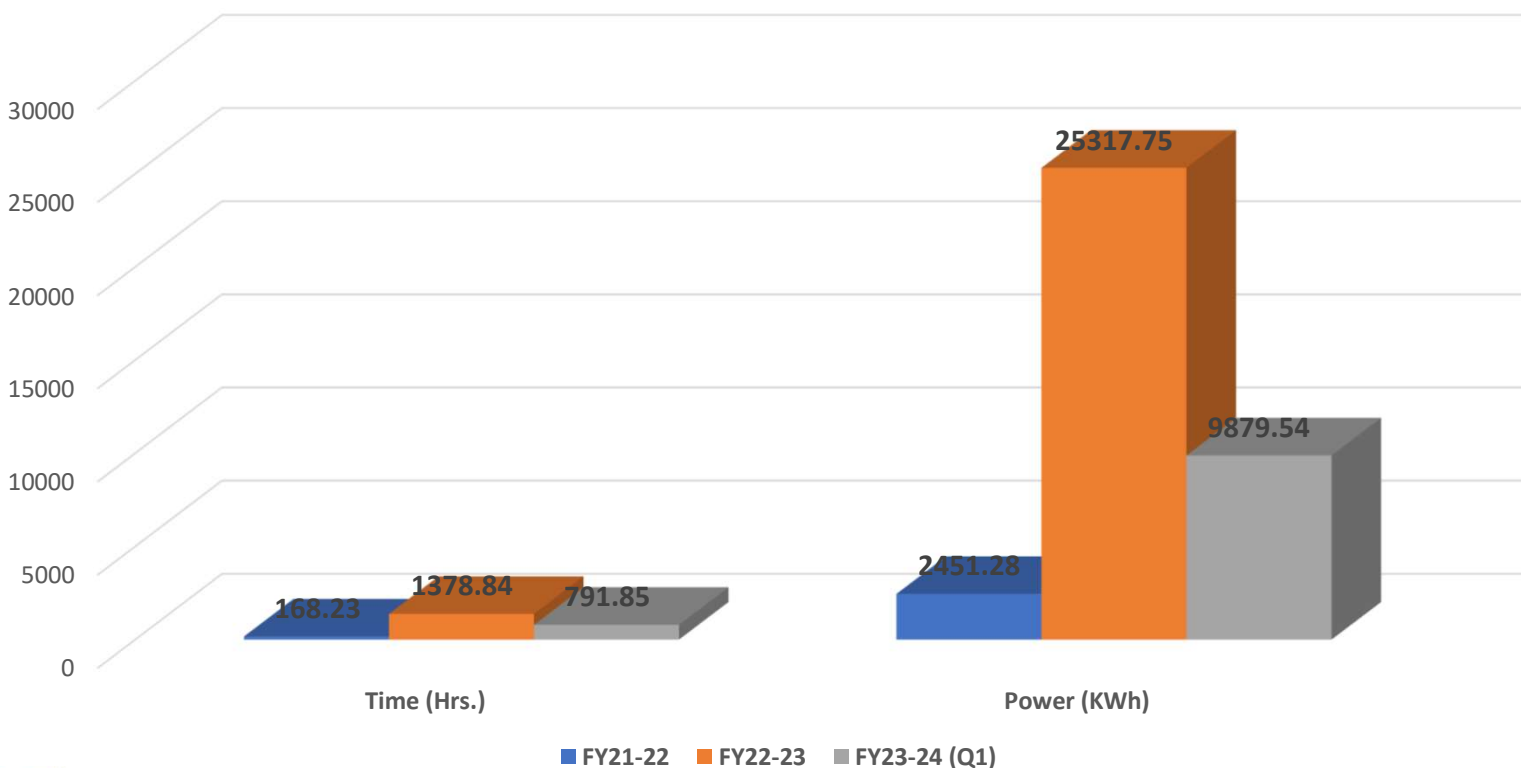
Locations Planned By 2023





# Achievement So Far

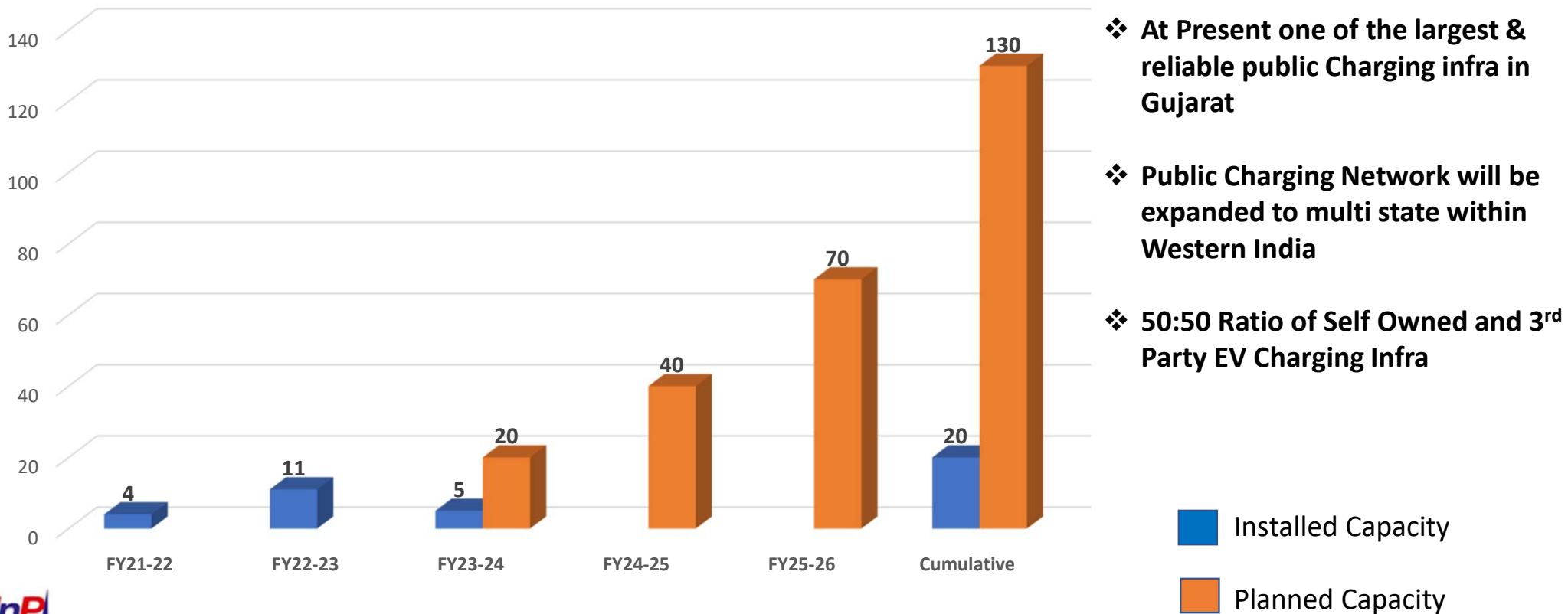
Performance of Public Charging Infra



- **Power Delivered :**  
**38K KWh**
- **Charging Time :**  
**2340 Hrs.**
- **Reduced Carbon Emission:**  
**8860 kg CO<sub>2</sub>e**

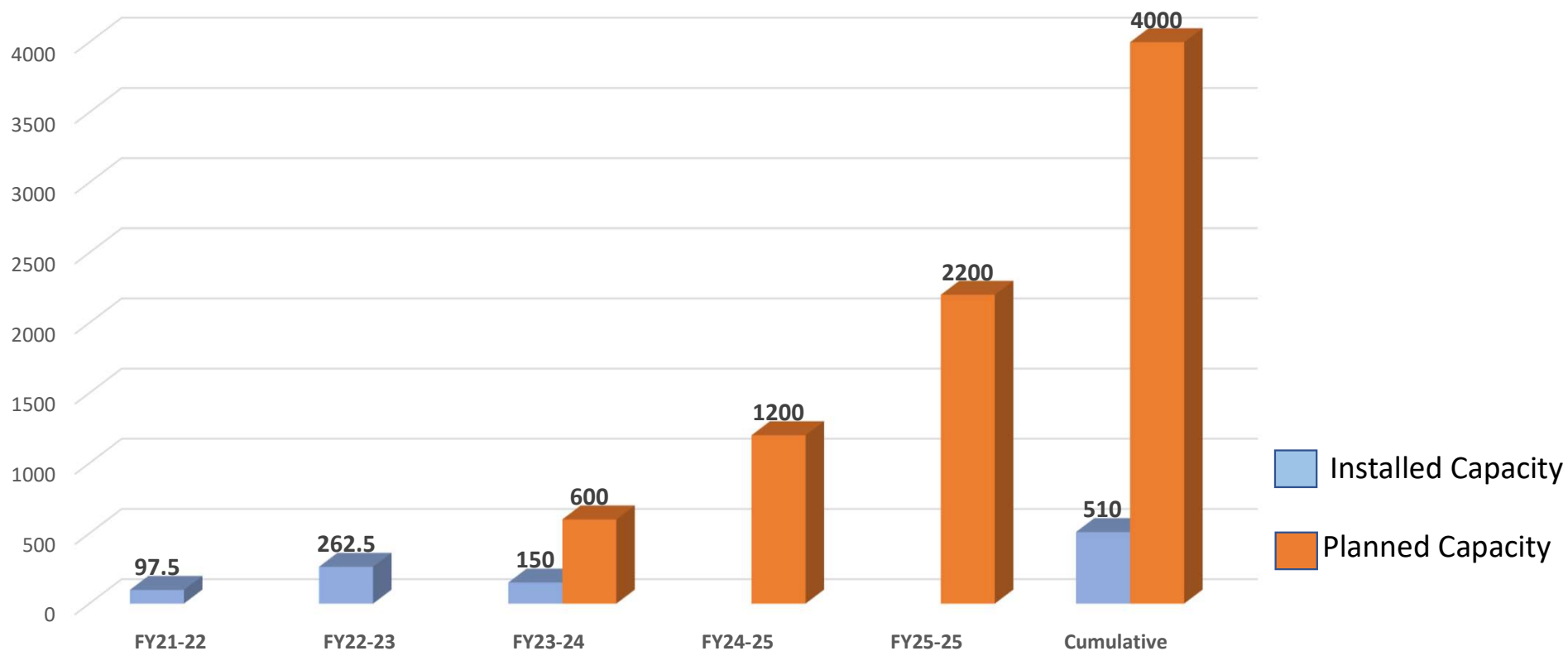
# Future Growth Plan

5 Yrs. Growth Plan – No. of Charging Points

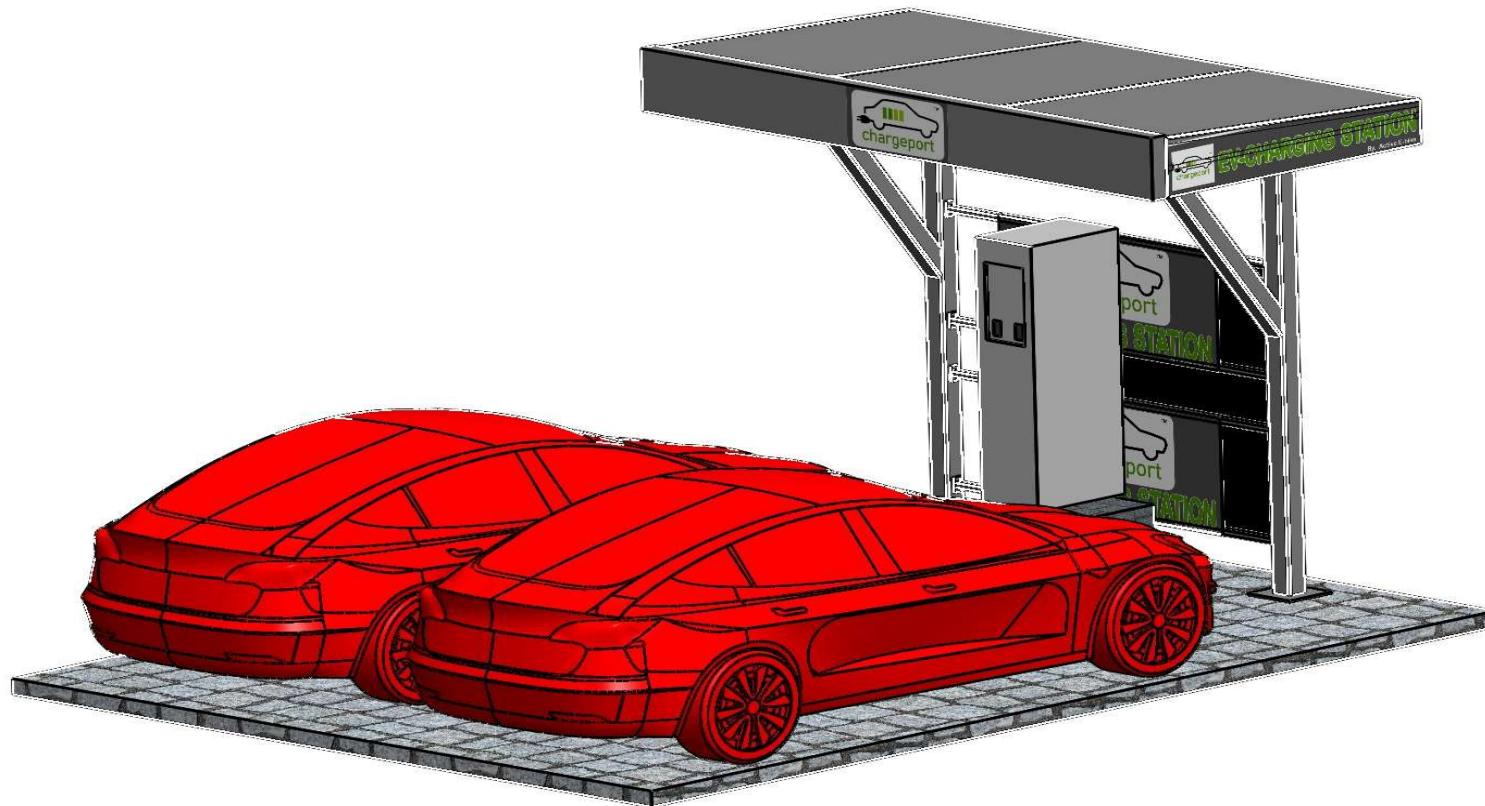


# Future Growth Plan

## 5 Yrs. Growth Plan – Power Capacity (Kwh)



# EV Public Charging Infrastructure Design



Highway Branding

# WORK IN PROGRESS # UPCOMING EV CHARGING SITES BY JnP INFRATECH



# Site Photographs – AC Charges



Public Charging – Bhopal Airport



Captive Use – Office Premises



Public Charging – Golf Club n Resort



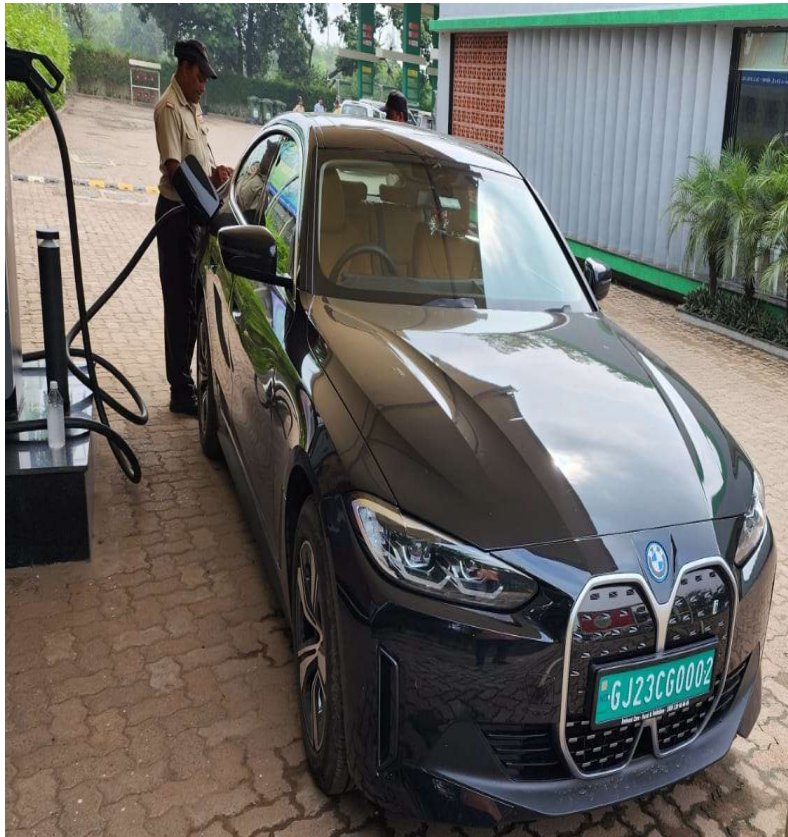
Captive Use – Residence



# Site Photographs – DC Public Charging



# Site Photographs – DC Public Charging



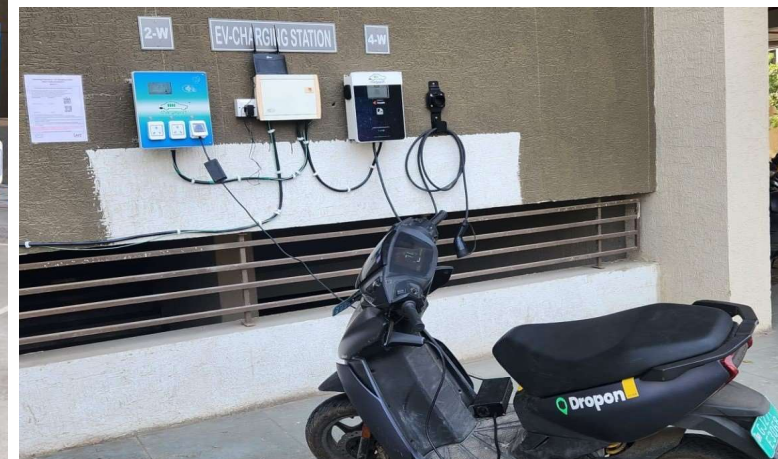
# Recent Major Project – Residential Complex

**Location :**  
Vastrapur, Ahmedabad

**Property Brief :**  
Residential Complex has 7 towers, with 14 floors each and 326 units

**EV Charging Infra :**  
Developed smart EV Charging Infrastructure currently at 2 towers each having AC001 (3#3.3KW) & AC Level 2 (7.4KW) Chargers to cater e2W & e4W for residents of the society.

**Features :**  
Smart EV Charging Network  
Real-time status of the chargers to check availability  
Track time, energy, usage and account balance in real-time  
Payment Gateway for secure payments



# Recent Major Project – Park N Charge Facility

## Location :

Delhi – NCR, 5 Locations

## EV Charging Infra :

Developed EV Charging Hubs with 100 No. of Smart Charger for Electric 3 Wheeler Fleet. The charging points have been positioned at strategic locations like Ashokvihar, Chattarpur, Chipiyana, Kapasera & Pasonda where in partner driver can park & charge their vehicles.

## Features :

Smart EV Charging Network

Real-time status of the chargers to check availability

Track time, energy, usage and account balance in real-time

Payment Gateway for secure payments



REDMI NOTE 11

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# Our Association – Government, Institutions, Real Estate



Igniting 'Eco-friendly' Environment



भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA



DP WORLD



# Our Association – Hospitality



# Media Coverage

09:32 Morbi Update was live. 12 h

What's the matter... The first electric vehicle charging station in Saurashtra started at Avadh Food Mall (Maliya) in our Morbi district..

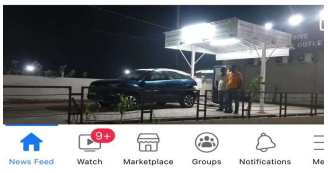
JNP InfraTech operated the station with technical cooperation of EV cosmos at Avadh Food Mall on highway near Maliya named Charge Port, so that customers can also enjoy food while cars are charged..

Know how to charge an electric car here..

For more details see Morbi Update's Business Promotion Show with Ravi Baras:

Address:  
" Avadh Food Mall "  
8-A National Highway, Maliya (m).

#morbiupdate  
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**Bhopal Commissioner .. 13h**  
भोपाल हवाई अड्डे पर ईवी चार्जिंग स्टेशन स्थापित

संभागायुक्त श्री बामरा ने किया उद्घाटन

भारतीय विमानपत्तन प्राधिकरण और ईवी कॉसमॉस के सहयोग से भोपाल एयरपोर्ट पर एसी लेवल 2 फास्ट चार्जर के साथ भारतीय विमानपत्तन प्राधिकरण पर पहला ईवी चार्जिंग स्टेशन स्थापित किया गया

@aaibplairport



CMO Madhya Pradesh and 3

## राजधानी जागरण

प्रदेश • दिल्ली • हरियाणा • उत्तराखंड • पंजाब • जम्मू-कश्मीर • बिहार • झारखंड • हिमाचल प्रदेश • पश्चिम बंगाल

### राजा भोज विमान तल पर लगी देश की पहली इलेक्ट्रिक चार्जिंग मशीन

हिरदाराम नगर प्रतिनिधि। राजा भोज विमान तल देश का ऐसा पहला एयरपोर्ट बन गया है, जहां चार पहिया वाहनों को चार्ज करने के लिए पहली इलेक्ट्रिक मशीन स्थापित की गई है। मंगलवार को भोपाल के संभागायुक्त विमान तल भोपाल केएल अग्रवाल, ईवी कॉसमॉस के संचालक अमिताभ शिवपुरी सहित अन्य अधिकारी मौजूद रहे। संभागायुक्त ने कहा कि आने वाली टार इलेक्ट्रिक वाहनों का है इससे न केवल प्रदूषण पूरी तरह से खत्म हो जाएगा, बल्कि एक तरह से यह पेट्रोल व डीजल का विकल्प भी है। उन्होंने इस बात पर खुशी जाहिर की कि राजा भोज विमान तल देश का ऐसा पहला विमानतल है, जहां इस तरह की सुविधा आने वाले यात्रियों एवं पिबोटर के लिए उपलब्ध करवाई गई है। बागम ने आम जनता से इसके प्रति जागरूकता बढ़ाने की भी अपील की। इस मौके पर डायरेक्टर केएल अग्रवाल ने कहा कि इस तरह की तकनीक से यहां आने वाले यात्रियों एवं सह यात्रियों को काफी सुविधा होगी। वर्तमान में इलेक्ट्रिक वाहनों की संख्या लगातार बढ़ रही है, यह चार्जर बिल्ड इन सोल्यूशियर हर

इलेक्ट्रिक चार्जिंग कार्मिशियल डि उपकरण के रूप कर किसी भी 280 किलो मी उरसमें यह उप महलप्रबंधक संस

## अखबार गुराँची

### भोगर भाते यखेर गेस सहकारी मंडणी वी. द्वारा Electronic Vehicles Charging Station नुं उद्घाटन

आमर, ता. २ यखेर गेस सहकारी मंडणी वी.मिडीस द्वारा यखेर गेस-नुं Electronic Vehicles (EV) Charging Station मोरन भाते भोगर भाते नुं प्रथम मंडणी द्वारा उद्घाटन करवायुं भोगर भाते नुं आ.सोसमनुं उद्घाटन मुडुसमणुं घटेन (अपीन अडेते

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## तया पडकार

### यखेर गेस सहकारी मंडणी वी.मिडीस द्वारा भोगर भाते Electronic Vehicles [EV] Charging Station नुं उद्घाटन

आमर, ता. २ यखेर गेस सहकारी मंडणी वी.मिडीस द्वारा यखेर गेस-नुं Electronic Vehicles (EV) Charging Station मोरन भाते भोगर भाते नुं प्रथम मंडणी द्वारा उद्घाटन करवायुं भोगर भाते नुं आ.सोसमनुं उद्घाटन मुडुसमणुं घटेन (अपीन अडेते

## दिव्य सभाचार

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# Get in touch

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