



# Presentation of Akhand Bharat EV Charging station

# Agenda



Introduction of Akhand Bharat Energy Private Limited

EV Charging industry & Growth

Our models of Ev charging point & station

Vehicle wise Profit calculation

Annual Maintenance contract

CPO/CSO Requirement

Business Projection

summary



# Introduction

Founded in 2024 Akhand Bharat Energy Private Limited is a pioneering provider of electric vehicle (EV) charging solutions in India. With a steadfast commitment to sustainability and reliability, we aim to facilitate the widespread adoption of electric vehicles by offering robust charging infrastructure.

Our mission is to expedite the transition to a cleaner and greener transportation ecosystem. We believe that by providing innovative and efficient EV charging solutions, we can contribute significantly to reducing carbon emissions and creating a more sustainable future.

At Akhand Bharat Energy Private Limited, we are dedicated to shaping the future of transportation by offering cutting-edge charging solutions that are not only environmentally friendly but also reliable and user-friendly. Our goal is to make electric vehicle charging accessible and convenient for everyone, driving the evolution towards a more sustainable and energy-efficient world.





Business News › Industry › Renewables › India's EV market expected to cross 1-cr sales mark per year by 2030, Economic Survey says

# India's EV market expected to cross 1-cr sales mark per year by 2030, Economic Survey says

ET Online • Last Updated: Jan 31, 2023, 08:50:00 PM IST



# Our EV charging point model

Empowering the Electric Revolution





# Green ECO model



- ❖ 5 charging point cost : 4.80 Lac
- ❖ 10 kW A.C charger 1 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 1 Nos for 4 wheeler
- ❖ Charger installation
- ❖ charger cable 10 meter.
- ❖ Chemical earthing
- ❖ Transport

# Green Sense model



- ❖ 10 charging point cost : 8.20 Lac
- ❖ 10 kW A.C charger 2 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 2 Nos for 4 wheeler
- ❖ Charger installation
- ❖ charger cable 15 meter.
- ❖ Chemical earthing 2 Nos.
- ❖ Transport



# Flexi Grip model



- ❖ 6 charging point cost : **13.20 Lac**
- ❖ 10 kW A.C charger 2 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 2 Nos for 4 wheeler
- ❖ 30 kW D.C charger 1 Nos for 4 wheeler
- ❖ Charger installation
- ❖ charger cable 20 meter.
- ❖ Chemical earthing 3 Nos.
- ❖ Transport



# Power Boost model



- ❖ 7 charging point cost : **18.00 Lac**
- ❖ 10 kW A.C charger 1 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 1 Nos for 4 wheeler
- ❖ 60 kW D.C charger 1 Nos for 4 wheeler
- ❖ Charger installation
- ❖ charger cable 20 meter.
- ❖ Chemical earthing 3 Nos.
- ❖ Transport



# Charging station model

Empowering the Electric Revolution





## Pro wave model



- ❖ 7 charging point                      cost : 24 Lac
- ❖ 10 kW A.C charger 1 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 1 Nos for 4 wheeler
- ❖ 60 kW D.C charger 1 Nos for 4 wheeler
- ❖ Canopy size : 10 x 20 feet + canopy foundation 2 Nos.
- ❖ Flooring size : 10 x 20 feet
- ❖ Charger installation + charger foundation 3 Nos.
- ❖ charger cable 20 meter.
- ❖ Chemical earthing 3 Nos.
- ❖ Transport

# Green Volt Pro model



- ❖ 12 charging point                      cost : 30 Lac
- ❖ 10 kW A.C charger 2 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 2 Nos for 4 wheeler
- ❖ 60 kW D.C charger 1 Nos for 4 wheeler
- ❖ Canopy size : 20 x 40 feet + canopy foundation 4 Nos.
- ❖ Flooring size : 40 x 40 feet
- ❖ Charger installation + charger foundation 3 Nos.
- ❖ charger cable 25 meter.
- ❖ Chemical earthing 3 Nos.
- ❖ Transport



# Aero Wave model



- ❖ 15 charging point cost : 42 Lac
- ❖ 10 kW A.C charger 2 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 3 Nos for 4 wheeler
- ❖ 30 kW D.C charger 1 Nos for 4 wheeler
- ❖ 60 kW D.C charger 1 Nos for 4 wheeler
- ❖ Canopy size : 20 x 40 feet + canopy foundation 4 Nos.
- ❖ Flooring size : 40 x 40 feet
- ❖ Charger installation + charger foundation 7 Nos.
- ❖ charger cable 30 meter.
- ❖ Chemical earthing 4 Nos.
- ❖ Transport

# Bloom Boost model



- ❖ 21 charging point                      cost : 60 Lac
- ❖ 10 kW A.C charger 3 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 3 Nos for 4 wheeler
- ❖ 60 kW D.C charger 3 Nos for 4 wheeler
- ❖ Canopy size : 20 x 60 feet + canopy foundation 6 Nos.
- ❖ Flooring size : 40 x 60 feet
- ❖ Charger installation + charger foundation 9 Nos.
- ❖ charger cable 35 meter.
- ❖ Chemical earthing 6 Nos.
- ❖ Transport



# Nature Noble model



- ❖ 25 charging point                      cost : 75 Lac
- ❖ 10 kW A.C charger 3 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 4 Nos for 4 wheeler
- ❖ 60 kW D.C charger 4 Nos for 4 wheeler
- ❖ Canopy size : 30 x 60 feet + canopy foundation 6 Nos.
- ❖ Flooring size : 60 x 60 feet
- ❖ Charger installation + charger foundation 11 Nos.
- ❖ charger cable 35 meter.
- ❖ Chemical earthing 8 Nos.
- ❖ Transport

# Harmony Bliss model



- ❖ 37 charging point                      cost : 1.20 cr.
- ❖ 10 kW A.C charger 5 Nos. for 2/3 wheeler
- ❖ 15 kW A.C charger 5 Nos for 4 wheeler
- ❖ 60 kW D.C charger 6 Nos for 4 wheeler
- ❖ Canopy size : 2000 square feet
- ❖ Flooring size : 3000 square feet
- ❖ Charger installation + charger foundation 16 Nos.
- ❖ charger cable 50 meter.
- ❖ Chemical earthing 16 Nos.
- ❖ Transport



# Vehicle wise profit calculation

Every State has different rates.

## 4 wheeler

Required Unit For 4 Wheeler Car Approx.: 30 Units

Time : 45 Min Approx.

Electricity Rate Per Unit Is 6 Approx.

Charging Station Sell Unit is 20/- Approx.

Approx. Profit Per Unit 14/- Per Unit Approx.

Car Billing 30 Unit X 20/- = 600/-

Calculation: For Single Car 30 X 14 = 420/-

If Charge 15 Cars Every Day than Daily Profit 6300/- Approx

Monthly Profit: 1,89,000/-

Yearly Profit : 22,68,000/-

## 3 wheeler

Required Unit For 3 Wheeler Auto

Approx.: 7 Units

Time : 45 Min Approx.

Electricity Rate Per Unit Is 6 Approx.

Charging Station Sell Unit is 20/- Approx.

Approx. Profit Per Unit 14/- Per Unit Approx.

Auto Billing 6 Unit X 20/- = 120/-

Calculation: For Single Car 6 X 14 = 84/-

If Charge 30 Cars Every Day than Daily Profit 2520/- Approx

Monthly Profit: 75,600/-

Yearly Profit : 9,19,800/-



# Vehicle wise profit calculation

**Every State has different rates.**

## EV Tractor

Required Unit For Tractor Approx.: 90 Units

Time : 60 Min Approx.

Electricity Rate Per Unit Is 6 Approx.

Charging Station Sell Unit is 20/- Approx.

Approx. Profit Per Unit 14/- Per Unit Approx.

Tractor Billing 90 Unit X 20/- = 1800/-

Calculation: For Single Tractor  $90 \times 14 = 1260/-$

## EV Truck

Required Unit For Ev truck Approx.: 500 Units

Time : 120 Min Approx.

Electricity Rate Per Unit Is 6 Approx.

Charging Station Sell Unit is 20/- Approx.

Approx. Profit Per Unit 14/- Per Unit Approx.

Ev Truck Billing 500 Unit X 20/- = 10,000/-

Calculation: For Single EV Truck  $500 \times 14 = 7000/-$

## EV Mini Truck

Required Unit For Mini Truck Approx.: 200 Units

Time : 60 Min Approx.

Electricity Rate Per Unit Is 6 Approx.

Charging Station Sell Unit is 20/- Approx.

Approx. Profit Per Unit 14/- Per Unit Approx.

Mini Truck Billing 200 Unit X 20/- = 4000/-

Calculation: For Single Tractor  $200 \times 14 = 2800/-$

## EV Bus

Required Unit For Ev Bus Approx.: 350 Units

Time : 120 Min Approx.

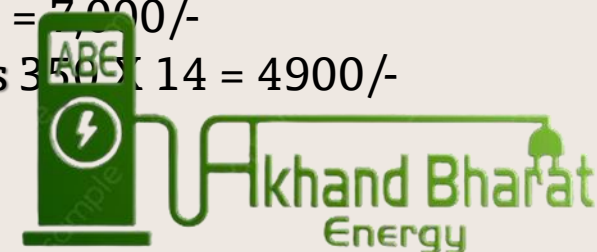
Electricity Rate Per Unit Is 6 Approx.

Charging Station Sell Unit is 20/- Approx.

Approx. Profit Per Unit 14/- Per Unit Approx.

Ev Bus Billing 350 Unit X 20/- = 7,000/-

Calculation: For Single EV bus  $350 \times 14 = 4900/-$





# Annual Maintenance Contract

## **Maintenance and Service Plans**

For the first two years after purchasing a charger from Akhand Bharat Energy Private Limited, customers will receive maintenance and spare parts as per the company's terms and conditions. From the third to the fifteenth year, customers can opt for an Annual Maintenance Contract (AMC) to ensure their chargers remain in optimal condition.



# Charging & Payment Management Software Interface

At Akhand Bharat Energy Private Limited, we understand the importance of a seamless and user-friendly interface for our charging and payment management software. Our software is designed to provide a hassle-free experience for both EV users and charging station operators.

## Key Features:

**User-Friendly Dashboard:** The dashboard provides a comprehensive overview of charging sessions, payment history, and account settings. Users can easily navigate through the interface to access the information they need.

**Real-Time Monitoring:** The software allows charging station operators to monitor charging sessions in real-time. They can view the status of each station, track energy consumption, and identify any issues that may arise.

**Payment Integration:** Our software integrates with various payment gateways to facilitate seamless transactions. Users can choose from multiple payment options, including credit/debit cards, mobile wallets, and UPI.

**Charging Session Management:** Users can start and stop charging sessions directly from the software interface. They can also schedule charging sessions in advance and receive notifications when the session is complete.







**Billing and Invoicing:** The software generates detailed billing statements and invoices for each charging session. Users can view their transaction history and download invoices for their records.

**User Authentication:** To ensure security, the software requires users to authenticate themselves before accessing their accounts. This helps prevent unauthorized access and protects user data.

### **Payment Gateway**

Akhand Bharat Energy Private Limited partners with leading payment gateway providers to offer secure and reliable payment options for our customers. Our payment gateway supports various payment methods, including credit/debit cards, mobile wallets, and UPI.

**Security Measures:** Encryption: All payment transactions are encrypted to protect sensitive information from unauthorized access.

**PCI Compliance:** Our payment gateway is PCI compliant, ensuring that it meets the highest standards of security and data protection.

**Fraud Detection:** The payment gateway includes advanced fraud detection mechanisms to identify and prevent fraudulent transactions.

**Tokenization:** Credit/debit card information is tokenized to further enhance security and reduce the risk of data breaches.

**Two-Factor Authentication:** Users may be required to undergo two-factor authentication for additional security during payment transactions.

# Profit Projection

YEAR	YEARLY PROFIT PROJECTION	VEHICLE GROWTH	BUSINESS DEVLOPEMENT FUND	NEW CHAGER ADD	PROFIT MAKE PROFIT	MAINTENCE	PROFIT SHARE WITH COMPANY
1	2268000	0	226800			0	324097
2	2948400	30	294840			0	421326
3	3832920	30	383292	30K.W	1134000	1,00,000	709773
4	4982796	30	498280		1474200	1,25,000	922705
5	6477635	30	647763	30K.W	1916460	1,50,000	1199516
6	8420925	30	842093	30 K.W	2491398	1,75,000	1559371
7	10947203	30	1094720	60K.W	3238817	2,00,000	2027182
8	13684004	25	1368400	60 K.W	4210463	2,25,000	2557119
9	17105004	25	1710500	60 K.W	5473601	2,50,000	3226483
10	21381255	25	2138126	60 K.W	6842002	2,75,000	4033103
11	25657507	20	2565751	120 K.W	8552502	3,50,000	4888610
12	30789008	20	3078901	120 K.W	10690628	4,25,000	5927440
13	35407359	15	3540736	120 K.W	12828753	5,00,000	6892940
14	40718463	15	4071846	240 K.W	15394504	5,75,000	8018543
15	44790309	10	4479031	240 K.W	17703680	6,50,000	8930391
	<b>269410788</b>		<b>26941079</b>		<b>91951008</b>	<b>40,00,000</b>	<b>51638601</b>



# Summary

Gross Profit :  $269410788 + 95119008 = 36,45,29,796$  (A)

Total Expense :

1. New Asset from BDF	: 26941079
2. Maintenance	: 4000000
3. Profit share with Akhand Bharat	: 51638601
Total (1+2+3)	: 8,25,79,680(B)

Net Profit (A-B) :  $36,45,29,796 - 8,25,79,680 = 28,19,50,116$  (Projection)

Total Project Value : Startup Value as on Day ONE is 24,00,000  
New Asset Development from Revenue is 2,69,41,079  
Total : 2,93,41,079





# **BUSINESS MODEL REQUIREMENT**

## • Document List

- ❖ KYC Document
- ❖ Latest Electricity Bill
- ❖ Land Document With N.A & N.O.C
- ❖ Google Land Mark ( Location)
- ❖ Photo & Video of Premises
- ❖ Advance Cheque In Favor of **Akhand Bharat Energy Private Limited**

## Initial Requirement

Space (Mini : 200 Sq.Mtrs)

Electric Connection, Deposit & Nigam

Boundary (if Required)

Wi-fi / I-Net Connectivity

Company Registration





# Thank you



PRAFUL KATHIRIYA

7874277999

[info@akhandbharatenergy.com](mailto:info@akhandbharatenergy.com)

[www.akhandbharatenergy.com](http://www.akhandbharatenergy.com)