Edition No: 43

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October-2025

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EV Update Inside

EV Update Inside

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What All Happened in Oct-2025 3

- Mile Stones Achieved?
- New Product Launched
- Joint Ventures & Partnerships
- Who Got Funded?
- Other EV News

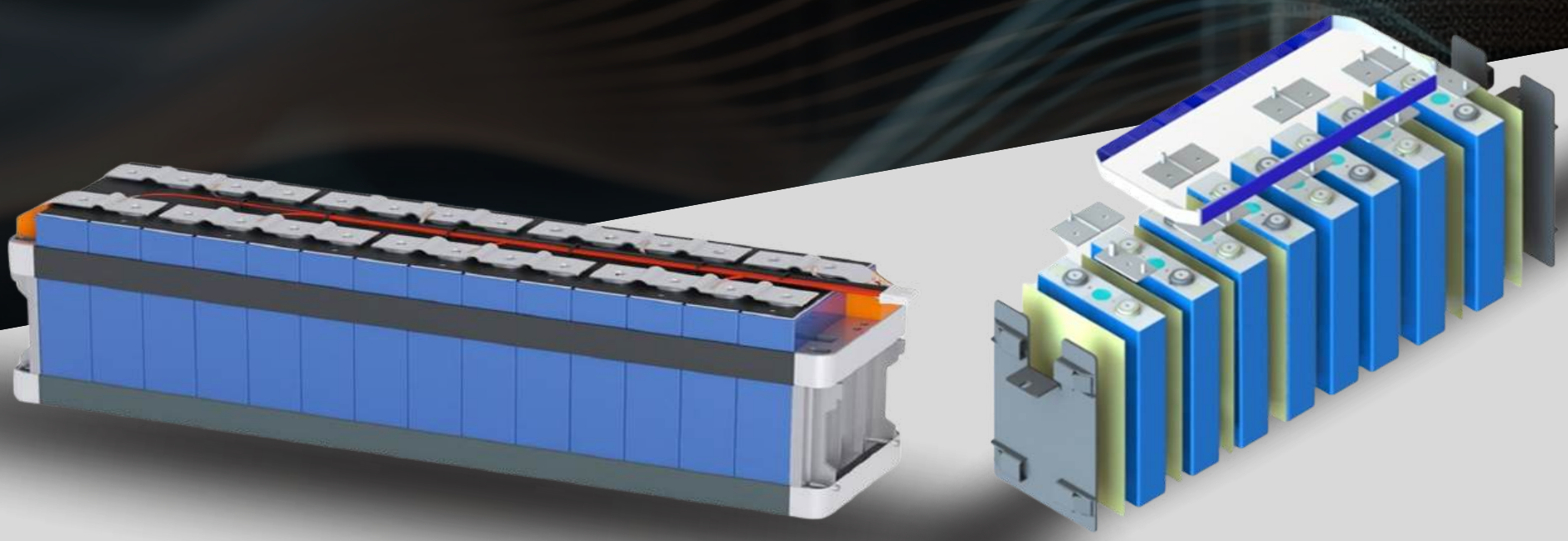
Introducing

Lithium Battery

Deigning | Prototyping | Homologation

A design house for your battery designing Service
Backed by Industry experts with combined experience of 15+ years

Battery for 2W | Battery for 3W | ESS & High-Voltage ESS



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Electric 2W Sales - Oct 2025

1 - 10

Company Name	Sales in Oct 25	M-o-M Growth/Decline
Bajaj	31,168	58.30%
TVS Motor	29,484	30.08%
Ather Energy	28,061	53.36%
Ola Electric	16,034	19.47%
Hero Motocorp	15,934	24.30%
Greaves Electric Mobility	7,629	78.54%
Bgauss Auto	2,932	28.99%
Pur Energy	1,706	-3.23%
River Mobility	1,601	-6.10%
Revolt	1,345	92.14%

Data as of Oct 31st 2025

11 - 20

Company Name	Sales in Oct 25	M-o-M Growth/Decline
Kinetic Green	1,190	9.78%
E-Sprinto	1,015	6.06%
Simple Energy	973	54.94%
Motovolt	620	69.40%
Lectrix	476	-2.06%
Odysse Electric	446	139.78%
Honda	401	14.25%
Oben Electric	354	14.56%
Wardwizard	307	7.34%
KBL Komaki	273	13.28%

Data as of Oct 31st 2025

E-Rickshaw Sales - Oct 2025

Top 20	Company Name	Sales in Oct 25
	YC Electric	3,143
	Saera Electric	1,967
	Dilli Electric	1,741
	Energy Electric Vehicles	1,115
	Mini Metro	1,106
	Mahindra Last Mile Mobility	1,010
	J. A. Auto	991
	Unique International	915
	Sahinanand E-Vehicles	876
	SKS Trade	851
	Terra Motors	812
	Hotage India	781
	Zeoplus Axis	732
	Champion Polyplast	716
	Daksh Industries	647
	Khalsa E-Vehicles	641
	Zeniak Innovation	602
	Aahana Commerce	571
	Interglobe Energy	530
	Vani Electric Vehicles	460

Data as of Oct 31st 2025

E-3W Goods & Passenger - Oct 2025

3W Goods	Sales
Mahindra last Mile Mobility	614
Bajaj Auto	464
Omega Seiki	335
Euler Motors	242
Atul Auto	153
Green Evolve	100
Piaggio Vehicles	80
YC Electric	72
Kinetic Green energy	63
TVS Motor	59
TI Clean Mobility	47
E Royace Motors	43
Thukral Electric	41
Atul Greentech	38
SKS Trade	38
Saera Electric	29
Dilli Electric	23
KLB Komaki	20
Altierr electric	11
Champion Polyplast	11

3W Passenger	Sales
Mahindra Last Mile	10,231
Bajaj Auto	7,482
TVS Motor	2,792
Piaggio Vehicles	1,322
TI Clean Mobility	564
Saera Electric	268
Atul Greentech	147
Omega Seiki	131
Euler Motors	129
Dilli Electric	122
Atul Auto	72
Baxy Ltd	71
MLR Auto	68
J S Auto	45
EVCO Automobile	37
Thukral Electric	30
Mini Metro	24
Khalsa E-Vehicles	21
SKS Trade IndiA	20
VORC Motors	18

Data as of Oct 31st 2025

Electric 4W Passanger Sales - Oct 2025

Top 10

Company	Sales in Oct-25	Growth/Decline
Tata Passengers	7,110	7.34%
JSW MG Motor	4,497	8.02%
Mahindra Electric	3,709	11.08%
Kia India	655	24.05%
BYD India	560	-5.88%
Hyundai Motor India	437	20.05%
BMW India	305	-8.41%
Mahindra & Mahindra	148	-1.99%
VinFast Auto	131	2083.33%
Mercedes-Benz India	61	-12.56%

Data as of Oct 31st 2025

Electric Bus Sales - Oct 2025

PMI Electro Mobility

107

Olectra Greentech

106

JBM Auto

29

Switch Mobility

29

Azad India

8

JBM Electric

6

Pinnacle Mobility

5

Tata Motors

4

Data as of Oct 31st 2025

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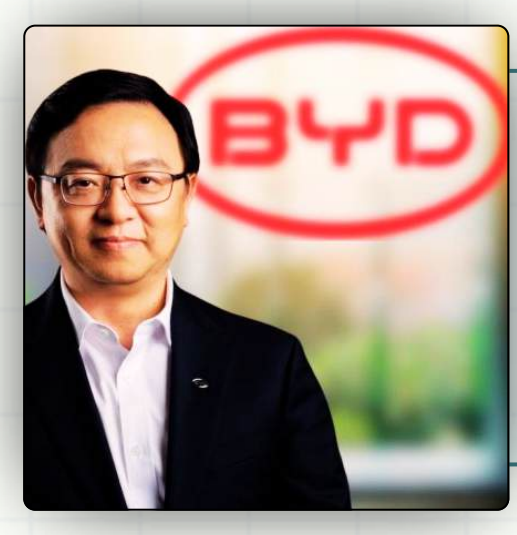
Educate | Aware | Promote

Milestones

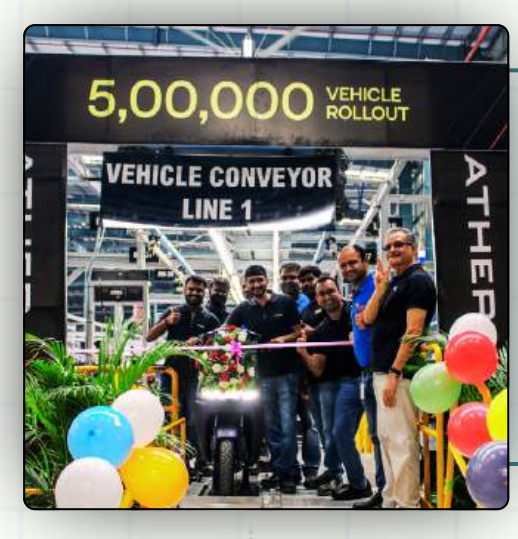


BYD India reaches 10,000 EV deliveries nationally and opens its 45th dealership in Bhopal

The 45th showroom opens in Bhopal as BYD India crosses 10,000 electric vehicles delivered nationwide—bringing premium sustainable mobility closer to more customers.

ThunderPlus Unveils 1MW Mega-Charging Station Near Bengaluru Airport

The future of electric highway travel is here! ThunderPlus has opened a massive 28,000 sq. ft. mega-charging hub near Bengaluru's KIA, boasting a total capacity of 1 Megawatt (MW)



Ather Energy Crosses 5 Lakh Milestone, Gears Up with New Maharashtra Plant

From 0 to 500,000 produced – and now gearing up with a new Maharashtra factory to ramp annually to 1.42 million. This signals India’s EV two-wheeler revolution shifting into high gear

Chandigarh to Launch India’s First Solar-Powered EV Charging Hub at IT Park

Chandigarh Administration to Set Up India’s First Fully Solar-Powered EV Charging Station at IT Park, Advancing the City’s Green Infrastructure and Sustainable Mobility Goals

EVRockstar

Mr. Dhairya Shah
Founder & CEO: Mindra

> Be patient, resilient, and committed. The EV industry is evolving rapidly, but success requires sustained effort and continuous learning.

What inspired you to enter the electric vehicle space and establish the Mindra Group in 2017?

In 2017, India's electric mobility landscape was still emerging, yet the transition to sustainable transportation was clearly on the horizon. We identified that large-scale EV adoption would remain constrained without accessible and reliable charging infrastructure.

This insight inspired the foundation of Mindra Group, with a vision to develop smart, scalable, and locally manufactured EV charging solutions that minimize reliance on imported technologies and enable a seamless shift to clean mobility.

Can you share the initial challenges you faced while setting up your first EV charging infrastructure, and how you overcame them?

The biggest challenge was the lack of awareness and standards in the early days. From grid compatibility issues to convincing stakeholders about the viability of EV charging, everything was new territory.

We tackled this through a hands-on, problem-solving approach — working closely with utilities, vehicle OEMs, CPOs and government bodies to develop safe, compliant, and locally optimized solutions.

Each installation became a learning experience that strengthened our technical and operational capabilities.

What was the moment or milestone when you first realized that Mindra's vision was translating into tangible market impact?

A key milestone was the successful deployment of our chargers across fleet segments, where they consistently performed under diverse and demanding environments.

Their adoption by state transport and major commercial fleet operators validated our technology's scalability and demonstrated meaningful contribution to India's e-mobility transition.

Who were the early supporters or mentors who played a crucial role in your entrepreneurial journey in the EV sector?

I've been fortunate to have mentors from both the technology and business sectors who believed in our vision early on. Industry partners, early customers, and even team members who shared our conviction were instrumental in shaping Mindra's path.

Their guidance and trust during the initial uncertainties helped us take bold decisions and stay committed to innovation despite challenges.

Mindra has been known for innovation in areas like cooling technologies for EV chargers. What makes your products stand out in the market compared to others?

Mindra products are engineered specifically for India's diverse climatic and grid conditions. Our advanced cooling systems, robust structural design, and modular architecture ensure performance reliability even in extreme conditions.

Combined with intelligent software for monitoring, analytics, and remote management, our solutions deliver superior operational efficiency and adaptability compared to many imported alternatives.

Looking back, what decision or principle was pivotal to moving from a small team and limited resources to successful product deployment in Indian cities?

A foundational principle was: build locally, think globally.

From the outset, we prioritized indigenous technology development and in-house competency building rather than outsourcing critical components.

This ensured cost efficiency, faster iteration cycles, and deeper customer understanding. Investing in talented engineers, designers, and field teams who were aligned with our mission was equally instrumental in enabling sustainable scale.

What advice would you give to other aspiring entrepreneurs aiming to make a difference in India's electric mobility ecosystem?

Be patient, resilient, and committed. The EV industry is evolving rapidly, but success requires sustained effort and continuous learning. Focus on solving real, ground-level challenges instead of chasing trends.

Collaborate with OEMs, policymakers, and technology partners to maximize impact, as the sector is inherently interconnected.

Above all, prioritize quality and innovation, these are the true drivers of long-term success.

ShEV

Ms. Shefaly Gupta
Co-founder: Drive Volts

> Our team is truly the backbone of Drive Volts. Every achievement we've had is a result of their dedication, hard work, and shared belief in our vision.

What motivated you to enter the electric vehicle industry, and how did your journey begin as a woman entrepreneur in this evolving sector?

My journey in the EV sector began alongside my husband Mr. Devansh Gupta when we founded Drive Volts. From the very start, I was fascinated by the potential of clean mobility and how technology could transform the future of transportation.

What began as a shared dream soon turned into a purpose, to create reliable, efficient, and smart energy solutions made in India.

Being part of Drive Volts from the beginning allowed me to grow with the company, learn every aspect of the business, and contribute to building a brand that stands for innovation and sustainability.

Could you share some of the key challenges you faced as a woman founder in the Indian EV ecosystem, and how you overcame them?

In a technical field like ours, women often face the challenge of being underestimated. There were times when I had to prove my credibility and understanding of the product to people who weren't used to seeing women in such roles.

But rather than getting discouraged, I focused on consistency, results, and teamwork.

Every challenge became an opportunity to learn something new, from manufacturing to customer interaction. Over time, respect follows naturally when your work speaks for itself.

How has your experience at Drive Volts shaped your perspective on gender diversity and inclusion within the clean mobility industry?

Being a woman in this industry has made me realize how important it is to create opportunities for others like me.

At Drive Volts, we believe that innovation thrives where there is diversity of thought, background, and perspective.

We've made conscious efforts to involve women not just in management but also in operations and technical roles. Inclusion isn't just about numbers; it's about giving equal space for ideas to grow.

Who have been your biggest inspirations and mentors along your entrepreneurial path, especially in navigating a male-dominated industry?

My biggest inspiration has been my husband, who founded Drive Volts with a clear vision and unwavering determination.

Working beside him from the very beginning has taught me the importance of persistence, discipline, and staying true to your goals.

But another constant source of inspiration in my life has been my family especially my father. He taught me the values of hard work, humility, and integrity, lessons that continue to guide me every single day. His belief in me has always been my biggest strength.

Together, both of them have shaped the way I lead — with passion, patience, and purpose.

What role does your team play in driving Drive Volts' mission and success?

Our team is truly the backbone of Drive Volts. Every achievement we've had is a result of their dedication, hard work, and shared belief in our vision. From engineers to production staff to our support teams, each member contributes something unique and valuable.

We've built a culture where ideas are respected, efforts are appreciated, and everyone feels a sense of ownership in what we create. I'm incredibly proud of how our team stands united through challenges and celebrates every success together.

Drive Volts wouldn't be where it is today without their constant commitment and passion.

What advice would you give to aspiring women leaders and entrepreneurs looking to make their mark in the EV and clean energy sectors?

Women bring empathy, intuition, and a problem-solving mindset, all vital in an evolving industry like EVs. We tend to look at solutions holistically, balancing performance with practicality.

As more women join this sector, I believe we'll see a greater focus on user experience, design, and long-term sustainability.

The EV revolution needs that balanced approach and women can be a powerful force in driving it forward.

What advice would you give to aspiring women leaders and entrepreneurs looking to make their mark in the EV and clean energy sectors?

7. Believe in your abilities and never underestimate the power of starting small.

Success doesn't happen overnight, it's built through patience, courage, and continuous effort. Don't be afraid to step into spaces where you may not see many women yet, your presence itself opens doors for others.

And no matter how far you go, stay humble and grateful; those qualities keep you connected to your purpose.

How A Plus Charge Is Transforming Northeast India's EV Charging Ecosystem

Mr. Samyak Jain (EV Boy)
CEO - A Plus Charge

> We are actively working to ensure a reliable charging point every 60 kilometres along major national highways, reducing range anxiety and allowing long-distance travel with confidence.

Electric mobility in India is accelerating at an extraordinary pace -yet until recently, the Northeast remained on the sidelines of this transition. The region's breathtaking hills, rich biodiversity hubs, and vibrant tourism destinations were held back by long-standing infrastructure gaps, difficult terrains, and low early EV penetration.

A Plus Charge (Alternat EV Solutions Pvt. Ltd.), a Guwahati- based Charge Point Operator (CPO), is rewriting this narrative with a bold mission: to build the Northeast's most trusted and widespread EV charging network.

A Plus Charge believes that an EV revolution can only be inclusive when every state, every terrain, and every consumer is part of the journey. With strategic deployments already active across Assam and expansion underway across all Northeast states, the company is making clean mobility accessible -not someday, but right now.

The region's terrain demands more than just charging points - it demands innovation in planning.

A Plus Charge is strategically setting up chargers along connected routes that address the real mobility needs of residents, tourists, and commercial fleets.

Instead of relying only on theoretical market projections, the company leans heavily on direct market signals:

- Guidance from auto OEM partners based on real customer vehicle demand;
- Ground-level surveys to map mobility heat zones;
- Priority deployment along national highways ensuring a charger every 60 km;
- Presence in tourist corridors like Kaziranga and Shillong where access matters most; and nodes around workplaces, airports, malls, colleges, and residential hubs.

This approach reduces range anxiety and builds trust where it matters most -when someone is on the move and needs reliable support.

Technology is helping accelerate confidence. Every A Plus Charge station is cloud-connected through the APLUS App - enabling real-time station visibility, smart payments, remote diagnostics, and interoperability for all EVs.

Smart load management and solar compatibility ensure grid efficiency while readying the network for a greener future. Through strong uptime commitments and responsive customer support, the brand is positioning itself as a dependable infrastructure partner.

Growth in a geographically diverse region also requires collaboration at every step.

A Plus Charge is strengthening the ecosystem by working closely with auto OEMs to support their EV customers along the entire charging value chain; government agencies and local authorities to ensure faster deployment and compliance;

- Hospitality and HOTELS, RESTAURANTS, and CAFES chains to place chargers where people naturally stop for rest, food, and recreation; and real estate developers and fleet operators to support residential and commercial adoption.

The company is also preparing to introduce charging stations in tea gardens and plantation estates - enabling EV mobility in remote labour settlements and tourism-linked routes, a pioneering initiative in the region.

In early-stage EV markets, utilization is still growing. To ensure economic scalability and long-term sustainability, A Plus Charge has diversified revenue streams.

These include Charging-as-a-Service for business hubs and EV fleets, revenue-sharing partnerships with property owners, subscription-based models for residential societies, operations and maintenance support for third-party charging assets, and advertising-led monetization through station visibility.

This approach doesn't just build a network -it builds a profitable and expandable ecosystem.

Still, EV adoption in the Northeast faces unique barriers.

- Low public familiarity with charging.
- Tourist hesitation due to fear of being stranded.
- Difficult hilly roads.
- Limited power distribution preparedness.
- Few early adopters, and historically low government intervention in charging infrastructure all act as challenges.

A Plus Charge is countering these barriers through visibility-led awareness campaigns in local languages, EV demo drives, school and university outreach programs, simplified digital education through social media, and a highway-first rollout that directly tackles traveller concerns. As more people see chargers in places they recognize and visit often, confidence grows naturally.

The Northeastern states today stand at a new frontier of growth, where sustainability, tourism, and mobility can thrive together.

A Plus Charge is not merely deploying infrastructure, it is unlocking opportunity. The company's goal is simple yet transformational: make charging easier than refuelling, make every long-distance road trip possible, and make EV adoption a natural choice for every Northeastern family.

The message is clear - the Northeast is ready for the EV revolution, and A Plus Charge is leading the charge.

How does A Plus Charge adapt its charging infrastructure strategy to the unique geographic and consumer challenges of Northeast India, and what market signals do you rely on for network expansion?

The Northeast's diverse terrain and developing EV market require a strategy that goes beyond data and taps into real mobility needs.

Our expansion roadmap is guided strongly by insights shared by our automotive OEM partners, who inform us where their EV customers frequently travel and where they struggle with limited charging access.

This is further reinforced through detailed on-ground surveys that help us identify mobility corridors, tourism-heavy routes, and rapidly growing urban pockets.

We are actively working to ensure a reliable charging point every 60 kilometres along major national highways, reducing range anxiety and allowing long-distance travel with confidence.

By combining partner-driven intelligence with local route analysis, we position chargers exactly where people need them most -making the network dependable, predictable and user-centric.

What role do regional partnerships, with OEMs, government bodies and real estate developers, play in accelerating charger deployment and ecosystem growth in Northeast India?

Partnerships are fundamental to our ecosystem strategy. We are emerging as the preferred regional partner for leading OEMs, supporting them across the EV charging value chain, from planning optimal locations to operations and maintenance.

Collaboration with government bodies and local authorities ensures faster execution, regulatory clarity, and increased investment confidence, which are essential in a region with historically slower infrastructure intervention.

Additionally, our alliances with real estate developers, hospitality chains, and fleet operators help secure high-visibility and high-utility locations, making charging a seamless part of everyday mobility.

Together, these partnerships accelerate both deployment speed and consumer confidence across the Northeast.

From your perspective, what are the current business model innovations and revenue streams that make EV charging viable and scalable in less- penetrated markets like the Northeast?

To enable long-term scalability in a developing EV region, we have diversified revenue streams beyond electricity sales alone.

Our deployment strategy is anchored around hotels, restaurants, and cafes -where people naturally take breaks during travel, leading to better utilization of chargers.

We also operate through Charging-as-a-Service (CaaS) for businesses and fleets and revenue-sharing partnerships with property owners. Furthermore, advertising opportunities at stations and in-app visibility add non-charging income streams.

We will soon extend our presence to tea gardens and tourism estates, unlocking fresh demand pockets in remote and economically significant areas.

This multi-pronged business strategy ensures commercial viability while expanding access to clean mobility infrastructure.

Which gaps remain in driving robust public awareness and consumer confidence for EV adoption in the Northeast, and how is A Plus Charge tackling these market-specific barriers?

Despite promising progress, the Northeast continues to face several awareness and adoption challenges. Many consumers are still unfamiliar with the charging process, while fewer publicly visible chargers contribute to slow trust-building.

Geographic constraints -including hilly roads and long stretches between towns -amplify range anxiety for both residents and tourists.

Additionally, coordination challenges with power distribution companies (DISCOMs) can slow infrastructure planning and grid readiness.

A Plus Charge is addressing these hurdles by rapidly building out a visible public network, especially along major travel routes; conducting localized campaigns in regional languages; enabling EV demos and education initiatives in schools and universities; and strengthening digital awareness through our app and social platforms.

Our goal is simple: make charging a familiar part of the landscape so consumers can embrace EVs without hesitation.

THE ENERGY COMPANY

Battery Aadhar (Part 2)
Beyond Identity: The Technical Backbone of Battery Aadhaar

Mr. Rahul Lamba & Mr. Shivasankar
The Energy Company

> *Battery Aadhaar incorporates advanced analytics leveraging artificial intelligence and machine learning algorithms trained on the aggregated dataset from diverse battery populations. These models refine state-of-health (SoH) estimates and predict remaining useful life (RUL) with far greater accuracy than legacy SoH heuristics.*

Building on the problem of battery black boxes and fragmented data ecosystems outlined earlier, Battery Aadhaar is engineered as a comprehensive software-defined platform that transforms every battery into an intelligent, connected asset over its entire lifecycle.

Digital Birth Certificate and Immutable Identity

At the core lies a tamper-proof, cryptographically secured unique identifier assigned to each battery at manufacturing.

This BatteryID encodes essential static metadata, chemistry type, rated capacity, manufacturing date, and serial number, creating a digital birth certificate akin to identity systems like Aadhaar.

This identifier is stored on distributed ledgers (blockchain) or other decentralized databases to guarantee authenticity and prevent forgery. Any attempt to alter or clone identity data triggers alerts, ensuring a trusted root of truth.

Living Logbook: Continuous Lifecycle Data Integration

Unlike conventional Battery Management Systems (BMS) which only track instantaneous states such as voltage or temperature, Battery Aadhaar integrates and chains data streams from multiple sources in real-time:

- Onboard BMS telemetry: Captures granular electrochemical parameters during usage, including charge/discharge cycles, thermal conditions, and voltage irregularities.

- Service and maintenance records: Securely logged post repairs, calibrations, or battery swaps by authorized service centers.

- Fleet and swapping station usage: Operational data such as mileage, charging patterns, and environmental stressors in commercial deployments.

- User interactions: Data from peer-to-peer battery rentals, secondary sales, or leasing agreements.

All data points are cryptographically signed and chained sequentially, creating an auditable, comprehensive timeline free from tampering.

This living logbook mitigates the amnesia problem seen in isolated BMS units and bridges existing data silos with standardized APIs and interoperability protocols.

Battery Health and Prognostics Enhanced by AI

Battery Aadhaar incorporates advanced analytics leveraging artificial intelligence and machine learning algorithms trained on the aggregated dataset from diverse battery populations.

These models refine state-of-health (SoH) estimates and predict remaining useful life (RUL) with far greater accuracy than legacy SoH heuristics.

Contextual factors previously invisible to BMS alone, such as charging speed history, ambient temperature variations, and pattern irregularities, feed into predictive maintenance schedules, enabling preemptive interventions.

Fleet operators can thus drastically reduce downtime and optimize asset utilization.

Enabling Energy Marketplace and Finance Integration

Once battery health and history are verifiable in real time, the ecosystem can unlock transactional capabilities akin to digital finance systems:

- Batteries become bankable assets that can be collateralized or leased.
- Peer-to-peer energy trading platforms leverage verified battery capacity for supplying power dynamically to grids, households, or electric vehicles.
- Performance-based financing models such as battery-as-a-service gain trust through transparent usage and health histories.

Communication protocols are designed to integrate with India's existing digital infrastructure, including UPI-like payment rails adapted for energy credits, and regulatory interfaces for compliance and auditing.

Open Standards and Security Framework

Battery Aadhaar is designed using open, extension-friendly standards ensuring ecosystem participants—from manufacturers to recyclers—can plug in securely. Encryption, key management, and consent frameworks enforce user data privacy while supporting authorized third-party data sharing.
Decentralized consensus mechanisms guarantee system resilience and prevent single points of failure, making Battery Aadhaar a robust foundation for India's energy transformation.

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How the Grid Is Learning to Live With the Sun and Wind

Pallavi NB
Content Lead - Kazam

> *Many electricity markets still reward steady generation over flexible response. That makes it harder to price or incentivize grid services like frequency control, demand shifting, or local balancing, the very tools needed in a renewable grid.*

- Integration is the hard part of the clean-energy transition, not just capacity growth.
- India is scaling renewables fast, but the challenge is making them reliable, grid-friendly.
- Initiatives like IES, storage incentives, digital grid upgrades are real signals.
- For EV fleets, charge-point operators and OEMs: build your energy system like a flexible asset, not just a cost centre.

When South Australia lost power in September 2016, it wasn't because renewables "failed."

A massive storm tore through transmission towers. As the grid faltered, several wind farms automatically shut down to protect their equipment. Within seconds, the state was dark.

The blackout became a case study in how clean power can expose the fragility of an old grid, not because wind or solar are unreliable, but because our grids weren't built for them.

And that's the real story here: the world is installing record levels of renewables, but integrating them into stable, flexible, real-time power systems is proving much tougher than expected.

The surge in renewables

In September 2025, India quietly hit a milestone: 500.89 GW of total installed capacity, more than half of it from non-fossil sources like solar, wind, hydro, and nuclear.

Solar alone contributes about 127 GW, wind about 53 GW. On one record day in July 2025, renewables supplied over 51 % of India's total electricity demand.

Globally, it's the same story: new solar and wind are the cheapest sources of electricity in history, and countries from China to the U.S. are racing to decarbonize their grids. But capacity growth and grid readiness are two very different things.

Why integration is hard?

Adding renewables is like plugging thousands of new "micro-power plants" into a system designed for a handful of giant ones. The technical, economic, and regulatory gaps are real, and costly.

- Variability and low inertia

Traditional coal and gas plants spin heavy turbines that stabilize frequency. Solar panels and wind turbines connect through electronics — they don't "spin," and they don't add inertia.

When clouds roll in or the wind drops, voltage and frequency can swing faster than old-school grids can handle.

That's what magnified the South Australia blackout. The wind farms performed as programmed, but their safety settings, designed for short-term faults, cascaded into a system-wide collapse.

- Transmission bottlenecks

Even if you build renewables, you have to move that power. India's green-energy corridors are catching up, but many solar parks still face evacuation bottlenecks.

The same issue is throttling projects in the U.S, where the Department of Energy's 2025 Reliability Report warns that grid build-out is far behind renewable growth.

In other words, there's a clean-energy traffic jam: too much generation, not enough highway.

- Flexibility and storage gaps

Solar peaks at noon; demand peaks in the evening. Without large-scale batteries, pumped hydro, or flexible demand, we waste cheap power during the day and burn fossil fuels at night.

- Market and regulation lag

Many electricity markets still reward steady generation over flexible response.

That makes it harder to price or incentivize grid services like frequency control, demand shifting, or local balancing, the very tools needed in a renewable grid.

- Distributed chaos

Rooftop solar and electric vehicles add a final twist. Energy is no longer flowing one way, from grid to homes, but two ways, with millions of devices injecting or drawing power dynamically.

That's a coordination nightmare for distribution networks that were never meant for it.

A Science Advances paper from 2022 warned that as solar penetration grows, grid stress doesn't increase linearly, it jumps suddenly from "stable" to "failure" when system flexibility runs out

What India Is Doing to Make Integration Happen?

This is the key for fleet operators, charge-point operators, and EV OEMs: the integration story isn't just technical, it's operational and regulatory. India is pulling multiple levers.

Digital Backbone: India Energy Stack (IES)

The India Energy Stack (IES) is a newly announced initiative by the Ministry of Power to create a digital public infrastructure (DPI) for the power sector.

Core features:

- Unique IDs for consumers, assets and transactions.
- Real-time, consent-based data sharing; open APIs for system integration.
- A roadmap: 12-month proof of concept with selected utilities.

In essence: IES will enable more seamless connection of distributed energy resources (DERs), active consumers, and distributed generation into the grid fabric.

Flexible Generation, Storage & Market Reforms

- A major grid-integration study by National Renewable Energy Laboratory (NREL) for India found that integrating 100 GW solar + 60 GW wind by 2022 was technically feasible, with modest incremental cost, if transmission corridors, regional dispatch and coal-fleet flexibility were in place.

- Storage and grid-free technologies are also being incentivised; transmission-charge waivers for storage projects until 2028 is one example.

Transmission & Grid Modernisation

- India is undertaking “Green Energy Corridors” to evacuate renewables from resource-rich regions to demand centres.

- Distribution grid modernisation and digitisation are also gaining pace: e.g., utilities are being pushed to integrate DERs, EV load, smart-metering and digital control.

Why this matters for you (fleet/EV/charge-point operator):

- With IES, your assets (chargers, batteries, rooftop solar) can plug into the grid smarter, via interoperable APIs and real-time data flows.

- Storage + smart dispatch means you can charge when solar is high / tariff is low, and shift away from peaks, improving cost & grid stability.

- Market and regulatory reforms mean you’ll have more options: ancillary services, demand response, export of surplus, not just load, but flexibility.

- The grid is turning into a dynamic marketplace. If your fleet is energy-aware and grid-aware, you can participate in more than just “charge the truck”, you become a grid asset.

EV Charging as Flexible Load

The mismatch between renewable generation and demand, solar peaks at noon, but demand peaks in the evening, creates curtailment, price swings, and fossil backup reliance.
However, EV charging offers a rare, controllable load that can shift in time, geography, and speed.

- In California, grid operators are already coordinating with EV fleets to delay or accelerate charging based on renewable availability.

- In Europe, fleet depots and charge-point operators use smart charging platforms to optimize against hourly wholesale prices and carbon intensity.

Vehicle-to-Grid (V2G) and Storage Integration

The growth of EVs also brings with it an enormous amount of distributed battery storage.

By 2030, the global EV fleet is expected to hold terawatt-hours of battery capacity, far surpassing grid-connected stationary storage.

Bidirectional charging (V2G) allows EVs to export energy back into the grid during peak demand or voltage dips.

Vehicle-to-home (V2H) and vehicle-to-building (V2B) use cases provide localized backup and peak shaving in microgrids or urban centers.

- In Japan and South Korea, EVs are already integrated into emergency resilience planning, acting as mobile energy sources after disasters.

In essence, EVs blur the line between transport and energy infrastructure acting both as consumers and suppliers of electricity

The next frontier: local trading and smarter consumers

If the last decade was about building generation, this decade is about coordination, across every level of the grid.

Imagine a fleet depot in Lucknow with rooftop solar panels, EV chargers, and a small battery bank. On a sunny afternoon, it produces more than it consumes.

With tools like Kazam Buzz, that surplus can be traded locally, to a nearby shop, charger, or household.

That’s how renewable integration scales: not just top-down from massive solar parks, but bottom-up, from thousands of intelligent, connected micro-grids that respond to price, time, and need.

Electric mobility in India is accelerating at an extraordinary pace -yet until recently, the Northeast remained on the sidelines of this transition. The region's breathtaking hills, rich biodiversity hubs, and vibrant tourism destinations were held back by long-standing infrastructure gaps, difficult terrains, and low early EV penetration.

A Plus Charge (Alternat EV Solutions Pvt. Ltd.), a Guwahati- based Charge Point Operator (CPO), is rewriting this narrative with a bold mission: to build the Northeast's most trusted and widespread EV charging network.

Instead of relying only on theoretical market projections, the company leans heavily on direct market signals:

- Guidance from auto OEM partners based on real customer vehicle demand;
- Ground-level surveys to map mobility heat zones;
- Priority deployment along national highways ensuring a charger every 60 km;
- Presence in tourist corridors like Kaziranga and Shillong where access matters most; and nodes around workplaces, airports, malls, colleges, and residential hubs.

This approach reduces range anxiety and builds trust where it matters most -when someone is on the move and needs reliable support.

Technology is helping accelerate confidence. Every A Plus Charge station is cloud-connected through the APLUS App - enabling real-time station visibility, smart payments, remote diagnostics, and interoperability for all EVs.

Smart load management and solar compatibility ensure grid efficiency while readying the network for a greener future. Through strong uptime commitments and responsive customer support, the brand is positioning itself as a dependable infrastructure partner.

India’s Electric Truck Market Shifts Gears with Battery Swapping Revolution

Rohit Gupta
Industry Expert: Lithium Battery for Mobility

> *BEM proves that battery swapping can scale for heavy-duty ranges, while Montra reinforces platform interoperability, and EiM validates the infrastructure back-end necessary to power them.*

In just one month, India’s commercial EV sector has witnessed a pivotal transformation.

Montra Electric, Blue Energy Motors (BEM), and Energy in Motion (EiM) have each unveiled electric trucks equipped with battery-swapping technology, marking a defining moment for zero-emission freight mobility.

The convergence of these launches points to a new chapter where uptime, efficiency, and scalability are prioritized over conventional charging.

Blue Energy Motors: The Heavy-Duty Pioneer

Blue Energy Motors set the tone with the BEM Electric Heavy-Duty Truck, India’s first heavy industrial hauler featuring battery-swapping technology.

Unveiled at its Chakan plant in Pune, the truck is designed for India’s challenging freight corridors, emphasizing uptime through a Battery-as-a-Service (BaaS) model.

The company’s plan to expand to 30,000 units annually through a ₹3,500 crore investment underscores its ambition in large-scale freight electrification.

Its launch also coincided with the inauguration of India’s first electric freight corridor between Mumbai and Pune, symbolizing BEM’s commitment to highway electrification.

The truck’s modular battery design supports quick swaps, targeting near-zero downtime for long-haul operators.

Montra Electric: Modular Flexibility for Mid-Duty Logistics

Montra's Rhino 5538 EV 4x2 TT focuses on the mid-weight, regional logistics segment.

The company integrates automated battery swapping, providing logistics operators a competitive edge through reduced operational waiting times and decreased TCO.

Montra aims to position its Rhino lineup as a scalable urban and regional solution, fitting between intercity freight routes and last-mile delivery.

While technical details remain to be elaborated, early reviews highlight exceptional modularity and the potential for compatibility with multi-station swap networks.

By focusing on interoperability, Montra seems set to collaborate with charging networks for a more open-swap ecosystem compared to BEM's proprietary approach.

Energy in Motion: Infrastructure-Centric Strategy

Energy in Motion (EiM) entered the scene by opening India's first dedicated heavy commercial battery-swapping and charging hub at Sonipat, Haryana.

Unlike BEM and Montra, whose focus is on vehicle production, EiM's approach is infrastructure-first — building swap-ready hubs along critical logistics corridors such as Delhi–Pune and Delhi–Mumbai.

EiM's hub can replace truck battery packs in under seven minutes, leveraging smart robotics and energy management systems.

Its collaboration model enables integration with fleet operators, logistics companies, and potential OEM partners.

Essentially, while BEM and Montra are defining the hardware race, EiM is constructing the energy network to support that race.

Comparative Overview

Parameter	Blue Energy Motors (BEM)	Montra Electric	Energy in Motion (EiM)
Focus Area	Heavy-duty freight trucks	Mid-duty logistics EVs	Infrastructure and swap hubs
Battery Swapping Time	2–5 minutes	~5 minutes	~7 minutes
Business Model	Battery-as-a-Service (BaaS)	Modular fleet model	Energy-as-a-Service (EaaS)
Deployment Zone	Mumbai–Pune corridor	Chennai–Pune corridor	Delhi–NCR to Western Freight Corridors
Key Differentiator	First heavy EV with swap tech	Modular mid-weight truck design	India's first e-truck swap hub

These launches collectively redefine India's electric freight strategy. BEM proves that battery swapping can scale for heavy-duty ranges, while Montra reinforces platform interoperability, and EiM validates the infrastructure back-end necessary to power them.

Together, they unlock a networked ecosystem where charging downtime disappears, bringing India closer to a 90% electrified freight corridor vision by 2030.

The coming months will reveal how these systems interoperate, whether BaaS and EaaS models converge or remain siloed, but one fact stands clear:

One Device, Every Protocol — The Universal Data Logger for Batteries, EVs & Energy Systems

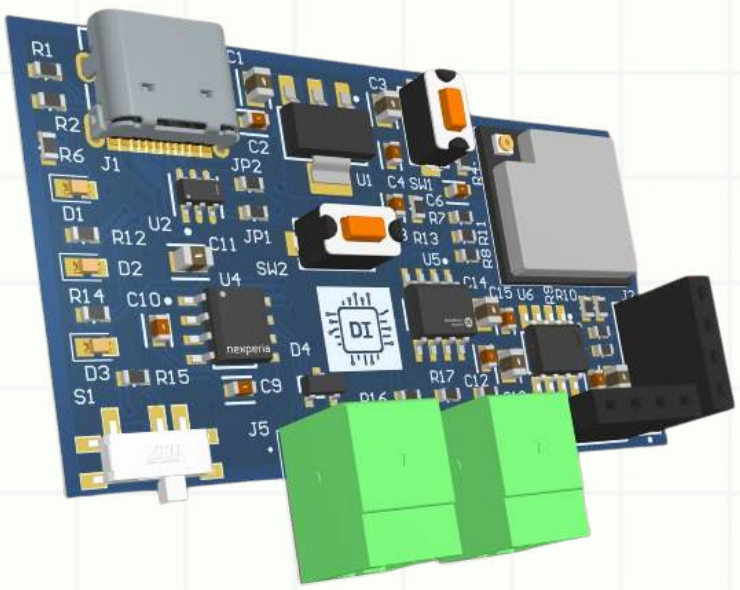
Shubham Jain
Founder: Dreamville Innovations

> *In India's context (and globally), the shift to EVs and large-scale battery systems means two things: more test cycles and more field service cycles*

In today's rapidly scaling EV and energy-storage ecosystem, engineers are often forced to juggle multiple adapters, separate instruments, and laptops just to extract basic data from batteries, inverters, BMS units, or manufacturing machines.

Dreamville Hub solves this by combining CAN + RS485 + RS232/UART logging with voltage, current, and temperature sensing — all inside one rugged, standalone device.

Whether it's EV battery debugging, ESS commissioning, or machine-to-machine communication inside a factory line, the Dreamville Hub removes the need for multiple adapters, handwritten logs, and laptop-based monitoring that fails after 3–4 hours.



Where It Fits?

- EV Battery Testing & Fault Diagnosis

Battery engineers lose days trying to reproduce faults, monitor live data on laptops, and correlate analog parameters (like voltage drop or temperature rise) with CAN error messages.

Dreamville Hub logs high-frequency data (<10 ms capture) for hours or days, autonomously — making transient battery, BMS & pack-level issues finally visible.

- Energy Storage Systems & Hybrid Inverter Setups

ESS deployments now use mixed communication protocols — CAN for batteries, RS485 for inverters, UART for sensors. When something breaks, no one knows where the failure occurred.

Dreamville Hub bridges & logs all protocol data + analog sensing, helping integrators locate exact failure timestamps and reduce service downtime.

- Smart Manufacturing & Assembly Lines

Different machines → different communication interfaces → long integration time.

Dreamville Hub (or Dreamville Gateway variant) acts as a universal bridge, allowing machines from different vendors to share data without custom adapters or rewiring.

Variant Note

- Dreamville Hub = Full version (data logging + analog sensing + SD storage + timestamping + LEDs + battery power + Wi-Fi + Bluetooth)

- Dreamville Gateway = Communication-only version (no logging, no analog channels, no SD card) — ideal for factory integration & real-time protocol bridging

Market Size & Opportunity (Updated With Same Stats)

- Global data-logger market → US $12.7 B by 2031

- Automotive & EV data-logging market → US $14.2 B by 2033 (14.5% CAGR)

- Global EV battery testing market → US $13.3 B by 2035 (17.6% CAGR)

- India EV-battery manufacturing equipment market → 23.8% CAGR till 2030

Meaning: every new EV, every new ESS site, every new pack testing line needs protocol + analog logging.

This is exactly the space Dreamville fits into — battery testing, debugging, and service workflows where existing tools are fragmented.

Example Field Scenarios

- Battery pack in scooter showing intermittent "BMS error" → Dreamville logs CAN messages + cell temp + voltage → timestamped fault found → root cause traced to thermal imbalance

- ESS installation repeatedly fails during inverter-battery handshake → Dreamville shows RS485 frame mismatch at the exact second temp spikes → firmware bug identified in inverter

- Battery OEM unable to reproduce failure on test bench → Field engineer logs pack remotely for 48 hrs → Dreamville captures rare voltage dip + CAN isolation flag → traced to loose crimp terminal

How Dreamville Hub Helps Battery Engineers & Field Service Teams

Challenge Today	Dreamville Hub Solution
Carrying CAN adapters + RS485 adapters + USB devices + laptop	One device, 3 protocols, wireless access
Laptop battery dies during 6–12 hour field test	Autonomous logging to 32 GB storage
No way to correlate CAN errors with temp/voltage/current	Synchronized analog + digital capture
Cannot capture transient failures (<100 ms)	Up to 100 samples/sec, sub-10 ms capture
Remote experts can’t assist field engineers	Wi-Fi remote diagnostics + Bluetooth config
Field debugging requires removing battery covers	Non-intrusive voltage/current clamps (if used with sensors)

Why Dreamville Hub Will Be Adopted Fast

- Reduces MTTR (Mean Time to Repair) for EV fleets and battery OEMs
- Cuts test-cycle time in labs and assembly lines
- Helps service teams diagnose without deep protocol expertise
- Saves capex (replaces 3–5 devices + laptop)
- Works offline, online, wired, wireless — truly field-ready

If you are a battery manufacturer, EV OEM, ESS integrator, service fleet operator, or machine automation company, request a demo unit of Dreamville Hub to see live multi-protocol + analog logging in action.

One device replacing 5 tools is not just efficiency — it’s the future of battery intelligence.

New Product Launched

Omega Seiki Mobility has launched the world's first production-ready autonomous electric three-wheeler, 'Swayamgati'.

With LiDAR, AI and map-based navigation built for Indian streets, this ₹4 lakh vehicle marks a bold new chapter in clean, smart mobility

Hinduja Tech Unveils Advanced DC-DC Converter & Supercapacitor ECU for Next-Gen EVs

A cutting-edge 700 W bidirectional 12 V→48 V DC-DC converter with integrated super-capacitor ECU — engineered for ultra-high efficiency, rapid response and lower development costs in next-gen EV platforms

ECOLIFE e12: JBM Unveils The Future of Safe, Smart, and Sustainable City Travel at Busworld 2025

At Busworld 2025, JBM EV unveiled the ECOLIFE e12 – a key step in decarbonising public transport, offering high range, sustainability-by-design and global ambition. Let's ride this change together

On the one-year anniversary of the Windsor's Indian debut, Nitin Gadkari officially launched the exclusive 'Inspire Edition' — a limited run of 300 units celebrating 40K+ sales, offering premium design, enhanced features and a bold step in India's EV journey

The updated Super Auto, priced at ₹3.79 Lakh (ex-showroom, post-subsidy), maintains affordability while delivering major upgrades in comfort, safety, and performance. Key features include LED headlamps, radial tubeless tyres, and a connected platform (1M) for real-time data

Aion-Tech Solutions launches ROQIT, an OEM-agnostic SaaS platform revolutionizing sustainable fleet operations.

This platform supports four-wheelers, trucks, buses, and even railway assets, offering live tracking, predictive maintenance, and AI-assisted route optimization

Bentley strengthens its commitment to the Indian market, bringing an unparalleled bespoke retail experience and world-class craftsmanship closer to clients in these two major metropolitan hubs. This strategic expansion reflects the surging demand for ultra-luxury motoring in India and reinforces the brand's dedication to its growing clientele.

India Unveils a 'Transformer-Free' EV Fast-Charging Revolution

Researchers at the Indian Institute of Science (IISc), in collaboration with Delta Electronics India, have developed an innovative transformer-free electric vehicle (EV) fast-charging converter that promises to make charging more compact, efficient, and cost-effective.

Blue Energy Motors just launched India's first battery-swapping electric trucks with a game-changing "energy-as-a-service" model that could finally unlock mass EV adoption in commercial transport

Kia India has expanded its Carens Clavis EV range with the launch of HTX E and HTX E [ER] trims, priced at ₹19.99 lakh and ₹21.99 lakh (ex-showroom), respectively.

The new additions bring the total Carens Clavis EV trims to six, providing customers with enhanced choices in battery capacity, features, and driving experience.

Nissan is showcasing the 'Ao-Solar Extender,' an innovative, extendable solar roof for the Sakura EV.

This system is designed to generate up to 3,000 km of free, annual driving range, potentially eliminating the need to plug in for short-distance drivers.

Joint ventures & Partnerships

Yuma Energy is partnering with **HPCL** to integrate its **advanced battery swapping network at HPCL's fuel stations nationwide.**

This strategic move drastically reduces range anxiety and makes switching to electric 2- and 3-wheelers simpler and faster than ever, accelerating India's transition to sustainable transport

VinFast Auto India has signed a Memorandum of Understanding (MoU) with **Castrol India Limited**, a premium lubricant manufacturer, to provide **reliable and accessible after-sales support for its EV customers across the country.**

This reinforces VinFast's long-term commitment to building a trusted service ecosystem for its EV owners in India

The Dubai Electricity and Water Authority (DEWA) and the **Dubai Taxi Company (DTC)** have inked a long-term deal to **install 208 ultra-fast charging points (up to 360 kW) across the emirate, starting late this year**

The rollout of 208 points will take place over the contract period and aligns with DTC's broader fleet transformation plans.

The Landmark GM and Reva Partnership That **Shaped India's EV Future**

This pioneering collaboration marked an early, crucial step in combining global scale with local EV expertise, laying the foundational blueprint for India's current push for sustainable mobility.

Kazam, India's leading EV energy solutions provider, announced a landmark partnership with **Hindustan Petroleum Corporation Ltd. (HPCL)** to accelerate **public EV charging access nationwide.**

Samsung India has announced a partnership with Mahindra Electric Automobile to introduce d**igital car key compatibility for the upcoming Mahindra Electric Origin SUV**

Tata Motors has partnered with **Thunderplus** to deploy **5,000 new public EV charging stations at key logistics hubs across eight major states.**

This massive infrastructure rollout is specifically aimed at supporting electric Small Commercial Vehicles (SCVs), boosting operational efficiency, and accelerating India's shift to zero-emission commercial transport.

Go Zero and **Rolec** have partnered to deploy up to **10,000 EV charging sockets across the UK's hospitality sector,** targeting hotels, resorts, and leisure parks.

Using the innovative VendEx model, the £100M facility removes the upfront cost for businesses, making it easier than ever to attract the 90% of EV drivers who seek chargepoints

Battery Smart & Lilypad Partner for Easy E2W Adoption

This strategic tie-up in Delhi-NCR is removing the biggest barrier to EV ownership: high upfront cost. Lilypad will now offer battery-less electric scooters, fully integrated with Battery Smart's extensive swapping network.

Mobileye and **VVDN Technologies** have joined forces to **manufacture and localise ADAS right here in India**

This alliance will accelerate the integration of high-level safety features into Indian-made vehicles, meeting both evolving regulations and consumer demand for safer driving

Toyota Motor Corporation and **Sumitomo Metal Mining Co.** have announced a significant breakthrough in the development of cathode materials for all-solid-state batteries, with plans to jointly mass-produce these materials in the coming years.

Indofast Energy & **e-Sprinto Target 20,000 Electric Two-Wheelers** by **2026.**

It's a massive boost for last-mile logistics—eliminating range anxiety for e-commerce and food delivery fleets and accelerating India's journey toward a cleaner, net-zero mobility ecosystem

Hindustan Zinc Ltd (HZL) has introduced a **fleet of 40 electric bulkers** at its Zinc Smelter Debari facility in **Udaipur**

The deployment is in partnership with Enviiiro Wheels Mobility Ltd and is aimed at transporting calcine, a by-product of the roasting process, to HZL's zinc-lead smelter in Chittorgarh under an eight-year logistics contract.

Zypp Electric & **Shell Foundation** Partner to **Electrify Last-Mile**

This strategic alliance targets EV adoption in crucial Tier-2 cities and champions social inclusion by scaling women-centric delivery programs and expanding the EV Training Academy.

Gabriel India, is collaborating with **South Korea's SK Enmove** to enter the high-growth market of **EV fluids and lubricants**

This strategic joint venture positions both companies at the forefront of the electric vehicle transition, ensuring next-generation EVs have the high-performance, specialized fluids they need to thrive

Greaves Electric Mobility (GEML) and **Shriram Green Finance** are accelerating **India's EV revolution!** This strategic tie-up unlocks flexible retail financing for electric three-wheelers (3Ws) and Light Commercial Vehicles (LCVs).

Tata Capital has partnered with **Jupiter Electric Mobility** to provide **convenient financing for their e-LCV range.**

This strategic move eliminates capital shortage hurdles, making it easier for small businesses and fleet operators to acquire JEM's long-range electric trucks and transition to a cleaner, more efficient logistics model across India

Piaggio Vehicles Pvt Ltd, a wholly owned subsidiary of the Italian auto major **Piaggio Group**, has partnered with **RiseWise Capital**, a fintech company specializing in mobility financing, to launch India's first battery replacement **financing programme for electric three-wheeler (3W) customers**

Celcius Logistics and **Switch Mobility (Ashok Leyland's EV arm)** have sealed India's largest electric reefer deal with a **₹100 crore investment**.

This partnership will deploy 350 electric light commercial vehicles (eLCVs) to create a zero-emission cold chain for essential last-mile deliveries of pharmaceuticals, dairy, and frozen foods.

Tata Tech & Synopsys Team Up to Build the Future of Cars

The two tech giants are partnering to accelerate the development of Software-Defined Vehicles (SDVs). This means faster, smarter, and safer cars through better electronic systems and digital validation, covering everything from ADAS to connectivity.

Korean Air & **Archer Aviation** Launch the Future: **Up to 100 eVTOL Air Taxis Headed to South Korea**

The race for Urban Air Mobility is heating up! This strategic partnership is set to commercialize Archer's Midnight eVTOL aircraft in South Korea, starting with crucial government applications.

700 Electric Power-Up! **MoEVing** & **Tata Motors** Deploy **Massive EV Fleet for Zero-Emission Deliveries**

This strategic alliance introduces 700 Tata Ace EV and Ace Pro EV models for last-mile delivery across 10+ major cities, including Delhi NCR, Mumbai, and Bengaluru.

Honor and **BYD** Team Up to **Inject AI into Mobility**

This powerful partnership between tech giant Honor and auto leader BYD will focus on creating cutting-edge, AI-driven solutions for electric vehicles. Expect a smarter, more connected, and highly intelligent driving experience that seamlessly integrates your digital life with your EV

Ramco Systems and **The ePlane Company** (creators of the e200X eVTOL) have joined forces

Ramco's comprehensive Aviation Software will serve as the digital backbone, managing the full lifecycle—from maintenance to compliance—of ePlane's electric air taxis, cargo, and ambulance fleets.

ThunderPlus and **BijliRide** Unite for **Mega EV Network Expansion**

The new partnership will integrate BijliRide's battery-swapping machines into over 250 ThunderPlus charging hubs across India. This creates multi-activity hubs offering both ultra-fast charging and instant battery swaps.

BattRE Electric Mobility partners with **Battery Smart** to bring the Battery-as-a-Service (BaaS) revolution to Jaipur

This strategic partnership is set to revolutionize two-wheeler EV ownership by eliminating the high upfront cost of batteries and providing instant, convenient battery swapping.

Greaves Mobility & **Perpetuity Capital** Team Up to Power **Affordable EV Ownership**

This powerful alliance is making electric two-wheelers and three-wheelers more accessible by offering customers up to 90% funding and flexible EMIs

Who Got Funded?

Ola Electric Subsidiary to Raise ₹877.6 Crore to Boost EV Ecosystem

Ola Electric Technologies (OET), a wholly owned arm of Ola Electric, has secured board and shareholder approval to raise ₹877.6 crore through the issuance of 87.76 crore preference shares to its fellow subsidiary Ola Cell Technologies (OCT)

Mirova is injecting $15 million to rapidly accelerate e-mobility and clean energy projects across India.

This capital will be crucial for scaling up financing solutions—especially for electric vehicles and supporting infrastructure—ensuring the green transition is both fast and inclusive. This is how finance drives real-world climate action

TrusTerra Raises ₹9 Cr Pre-Seed to Standardize Used EV Market

The Delhi-based AI marketplace, co-led by Finvolve and India Accelerator, is building the resale backbone of India's EV revolution.

BattWheelz Secures ₹2 Crore Seed Funding from Finvolve to Power EV Innovation

EV Fleet Startup Battwheelz Mobility Solutions Pvt ltd secures ₹2 Crore in seed funding round, at a valuation of ₹60 Crores. The round was led by Finvolve, with participation from other angel investors.

Chara Technologies Secures $6.2 Million to Drive Next-Gen Motor Innovation led by Arkam Ventures

Chara Technologies has successfully closed a $6.2 Million funding round, led by Arkam Ventures. This strategic investment will be a massive fuel injection, allowing Chara to scale its core technology and strengthen the component supply chain in the automotive sector.

Enigma Automobiles secures ₹6.5 crore credit facility from SBI

This strategic credit facility from the State Bank of India will empower the electric two-wheeler manufacturer to rapidly accelerate production.

KPIT acquires majority stake in N-Dream to accelerate next-gen in-car digital experiences

The acquisition increases KPIT's ownership in N-Dream from 26% to nearly 90%, strengthening its position in the fast-growing market for connected and interactive in-car software. The move also marks a significant milestone for Switzerland's expanding tech ecosystem.

EKA Mobility Secures ₹500 Crore from India-Japan Fund to Power Its EV Expansion

The ₹500 Crore infusion will power a major expansion, including the establishment of a new state-of-the-art plant in Pithampur, Madhya Pradesh

TACC Secures ₹1,230 Crore from SBI for Lithium-Ion Materials Project in Dewas

TACC Ltd has secured massive funding from SBI for its 20,000 MTPA graphite anode project in Dewas, MP. Why it matters: Graphite anodes are a key component in Lithium-Ion batteries.

Grab invests in U.S.-based robotaxi startup May Mobility, bringing self-driving innovation closer to Southeast Asian streets

This strategic investment is key to integrating May Mobility's self-driving tech with Grab's massive ride-hailing network and GrabMaps—creating a blueprint for how robotaxis will be managed globally.

A-1 Limited has officially secured a 51% controlling stake in EV firm A-1 Sureja Industries

With this move, A-1 Limited has become one of India's first listed chemical companies to hold a controlling stake in an EV manufacturing firm.

Honda Motor Acquires Stake in India's OMC Power to Boost Clean Energy Battery Development

The collaboration aims to jointly develop clean energy storage batteries and strengthen India's sustainable power infrastructure

Tsuyo Manufacturing Accelerates Growth with $4.5 Million Funding Boost

Mobility startup Tsuyo Manufacturing has secured a $4.5 million funding boost in a round led by Avaana Capital. Tsuyo designs and manufactures the core systems for commercial EVs, including vehicles for Mahindra, Volvo, and Eicher.

Foxconn Powers Up India, ₹15,000 Crore Investment in Tamil Nadu for EV Battery & Tech Units

Taiwanese tech giant Foxconn is making a monumental bet on India's green mobility future, committing ₹15,000 crore to establish new manufacturing units in Tamil Nadu.

KP Group Commits ₹8,000 Crore Investment in Gujarat's Hydrogen & EV Fuel Infrastructure

The announcement came during the first Vibrant Gujarat Regional Conference for North Gujarat in Mehsana, where the company signed a Memorandum of Understanding (MoU) with the Government of Gujarat

Other EV News

Revolt Motors, a wholly owned subsidiary of RattanIndia Enterprises, announced on Friday the appointment of Raghava Rao as its Chief Business Officer (CBO)

JSW MG Motor is driving India’s charging revolution! The company has successfully installed 800 EV chargers and is rapidly moving towards its ambitious target of establishing 1,000 charging points in just 1,000 days.

India Approves ₹7,300 Crore Magnet Scheme to Boost Domestic Rare Earth Production for EVs and Clean Energy. The ambitious scheme will now move to the Union Cabinet for final approval, following the EFC’s clearance earlier this week.

Union Minister Nitin Gadkari has inaugurated the nation's first commercial electric truck battery swapping-cum-charging hub by Energy in Motion near the Delhi International Cargo Terminal

Zelio E-Mobility makes a stunning entrance! The company debuted on the BSE at a 14% premium, signaling massive investor confidence in India's electric two-wheeler market and its future potential.

The Delhi government is planning to increase incentives under its second Electric Vehicle (EV) Policy, aiming to make electric two-wheelers more affordable and attractive for consumers — especially gig economy workers.

In a bid to strengthen Haryana’s electric mobility ecosystem, the Dakshin Haryana Bijli Vitran Nigam (DHBVN) has announced a renewed focus on expediting electric vehicle (EV) charging connections across its jurisdiction.

India and South Korea have agreed to explore joint initiatives in key sectors including electric vehicle (EV) components, electronics, and trusted digital supply chains, the Commerce Ministry

Mahindra & Mahindra has appointed Attreyi Mukherjee as vice president & head legal (EV Business), marking a significant addition to its legal team

- From October 14, Uttar Pradesh EV incentives apply only to vehicles manufactured, sold, and registered in the state, promoting local production, employment, and electric mobility growth

- Experts Warn New Fire Safety Rules Restricting EV Charging to Ground Floors or Limited Basement Areas Could Undermine Government Incentives and Impact EV Sales in Major Indian Cities

- Lohum, a leading player in battery recycling and sustainable materials, has announced plans to invest ₹500 crore in setting up the country's first rare earth refining hub

- Sterling Gtake officially transitions to Sterling E-Mobility Solutions! This strategic rebranding marks a major pivot to strengthen its core business as a comprehensive provider of integrated EV powertrain and power electronics solutions.

- China has filed a complaint against India at the World Trade Organization (WTO), alleging that New Delhi's subsidies for electric vehicles (EVs) and batteries violate global trade rules by giving unfair

- Zomato is leading the charge for a cleaner India! The company has joined the global, UN-backed Deliver-E Coalition—an alliance with giants like Swiggy, Uber, DoorDash, and Delivery Hero.

- Ultraviolette, has officially expanded its European footprint, launching the flagship F77 series in Spain and Portugal! This strategic move, which strengthens its presence across 12 European nations, validates the global appeal of Indian engineering excellence.

- India's push toward electric mobility is facing a key challenge as only 12 states and Union Territories (UTs) have so far joined the payment security mechanism (PSM) under the PM E-bus Sewa scheme, designed to boost confidence among e-bus manufacturers and operators.

- Rajasthan is officially accelerating its green mobility mission. The state is set to host its first-ever e-bus manufacturing plant in the Ghiloth Industrial Area (Kotputli-Behror). PMI Electro Mobility Solutions is leading this landmark project with an initial investment of approximately ₹1,200 crore on 65 acres of land.

- Riding on its leadership in EV adoption, Karnataka is launching the next major phase of green mobility by setting up 1,500 new high-capacity charging stations under the PM E-Drive scheme

EV registrations fuel revenue growth for Chandigarh RLA despite 100% road tax exemption. The department collected ₹3.60 lakh in 2022, which rose to ₹12.38 lakh in 2023, followed by ₹13.21 lakh in 2024.

Andhra Pradesh to Build EV Charging Stations, Support E-Mobility Startups, and Align with National Clean Mobility Initiatives, Boosting Economy and Sustainability

Jammu's new, color-coded zonal system for electric three-wheelers has sparked immediate controversy. While authorities aim to ease severe traffic congestion caused by the surge in e-rickshaws, the move is being heavily opposed by both operators and commuters.

In a major boost to India’s electric mobility mission, the Ministry of Heavy Industries (MHI) has rolled out an ambitious plan to install 72,000 electric vehicle (EV) chargers across the country under the ₹10,900 crore PM E-Drive scheme.

India is taking a giant leap towards a cleaner future! Convergence Energy Services Ltd (CESL) is launching a mega tender for 10,900 electric buses under the National Electric Bus Programme (NEBP).

The Himachal Cabinet has approved a major green initiative, allowing the conversion of 1,000 existing diesel and petrol taxis into electric vehicles (EVs). To make the transition seamless and affordable for local operators.

Powering India's Future: JSW Energy is set to commission its massive 5 GWh Battery Assembly Unit in Pune by the third quarter of this fiscal year. This facility is dedicated to strengthening BESS and is a critical step towards meeting future domestic content requirements for energy storage.

Sona Comstar's board has decided to put its proposed joint venture with China’s Jinnaite Machinery in abeyance, mutually rescinding the binding term sheet. This move suspends plans for the JV for now, though both automotive component players have stated they remain open to future collaboration on select foundry products.

Ola Electric announced the expansion of its Hyperservice platform into an open ecosystem, making genuine spare parts, diagnostic tools, and service training modules accessible to independent garages, mechanics, and fleet operators across the country.

Known for the sporty 'Simple One,' the company has unveiled a patent for a new family-oriented e-scooter, designed for everyday practicality and enhanced comfort. The design reveals features like a flat seat, a small rear backrest, and contemporary styling.

Ola Electric has secured the coveted ARAI certification for its revolutionary, in-house developed 4680 'Bharat Cell' battery pack (5.2 kWh). This makes Ola the first Indian EV manufacturer to receive approval for a completely self-developed battery pack

Closing the Loop: India's EV Recycling Revolution Begins. This is a game-changer for India's EV ecosystem! Navprakriti has officially started operations at its state-of-the-art Lithium-ion battery recycling plant in Eastern India.

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