



PROUD TO BE INDIAN  
PRIVILEGED TO BE GLOBAL

HEG/SECTT/2026

16<sup>th</sup> January, 2026

|   |   |   |  |
|---|---|---|--|
| 1 | <b>BSE Limited</b><br>P J Towers<br>Dalal Street<br>MUMBAI - 400 001.<br><b>Scrip Code : 509631</b> | 2 | <b>National Stock Exchange of India Limited</b><br>Exchange Plaza, 5 <sup>th</sup> Floor<br>Plot No.C/1, G Block, Bandra - Kurla Complex<br>Bandra (E), MUMBAI - 400 051.<br><b>Scrip Code : HEG</b> |
|---|---|---|--|

**Sub: Investors presentation regarding Update on the Composite Scheme of Arrangement**

Dear Sirs,

This is in furtherance to our earlier intimation dated 13<sup>th</sup> January, 2026, regarding the schedule of the Demerger Update Webinar scheduled to be held on **Monday, 19<sup>th</sup> January, 2026 at 16:00 hrs IST.**

Please find enclosed a copy of the Investor Presentation on the update on the Composite Scheme of Arrangement for your information and records.

The said presentation is also being uploaded on the website of the Company.

For **HEG Limited**

**(Vivek Chaudhary)**  
**Company Secretary**  
**M.No. A-13263**  
**heg.investor@lnjbhilwara.com**

**Encl:** as above

**HEG LIMITED**

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GSTIN No.: 09AAACH6184K2Z6  
Website : www.lnjbhilwara.com



Corporate Identification No.: L23109MP1972PLC008290

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**PROUD TO BE INDIAN  
PRIVILEGED TO BE GLOBAL**



**HEG LIMITED**

**Investor Presentation**

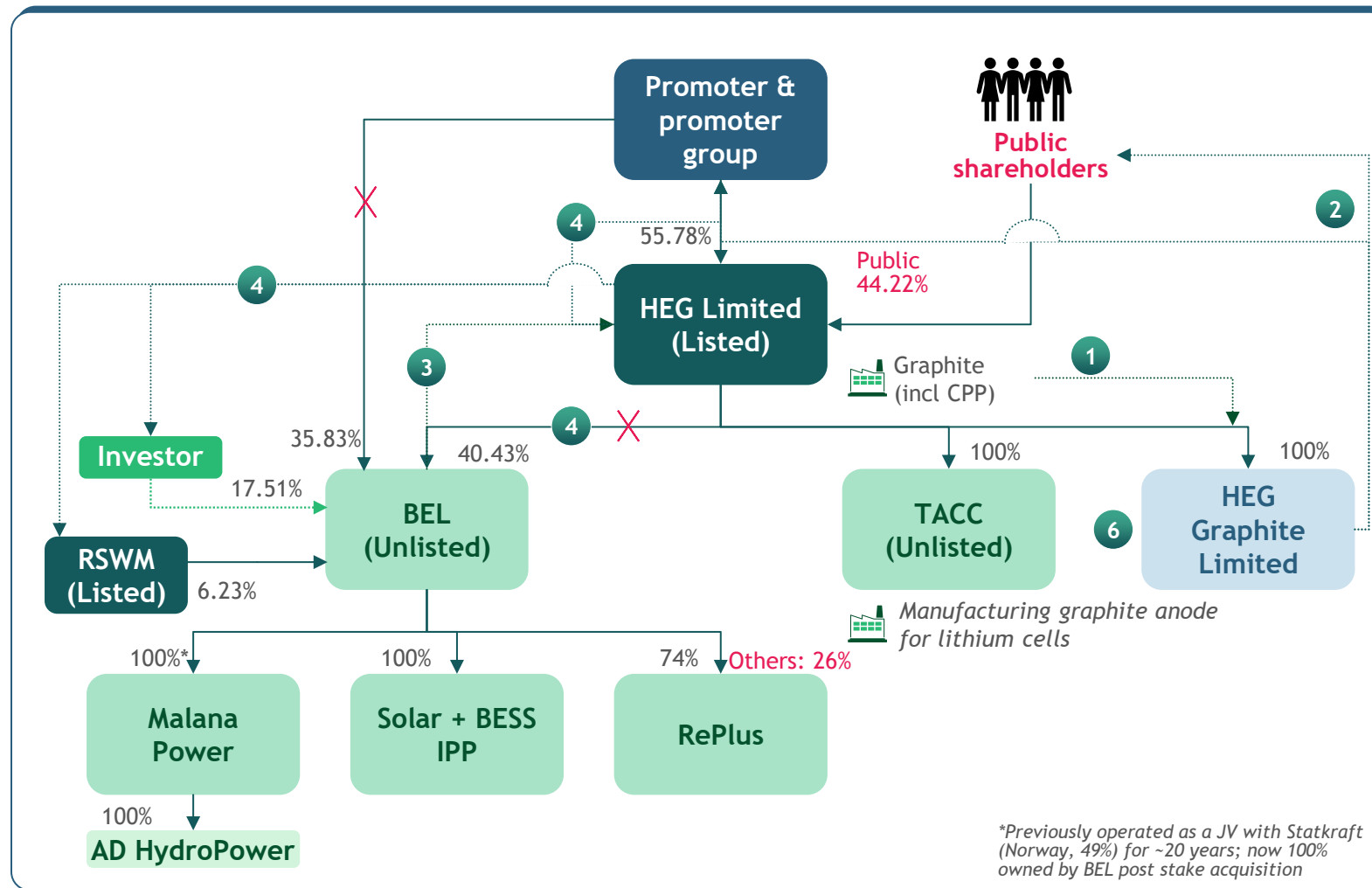
***Update on the Composite Scheme of Arrangement and Greentech Business Overview***

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# Composite Scheme of Arrangement

# HEG Limited - Composite Scheme of arrangement

## Current structure and proposed mechanics

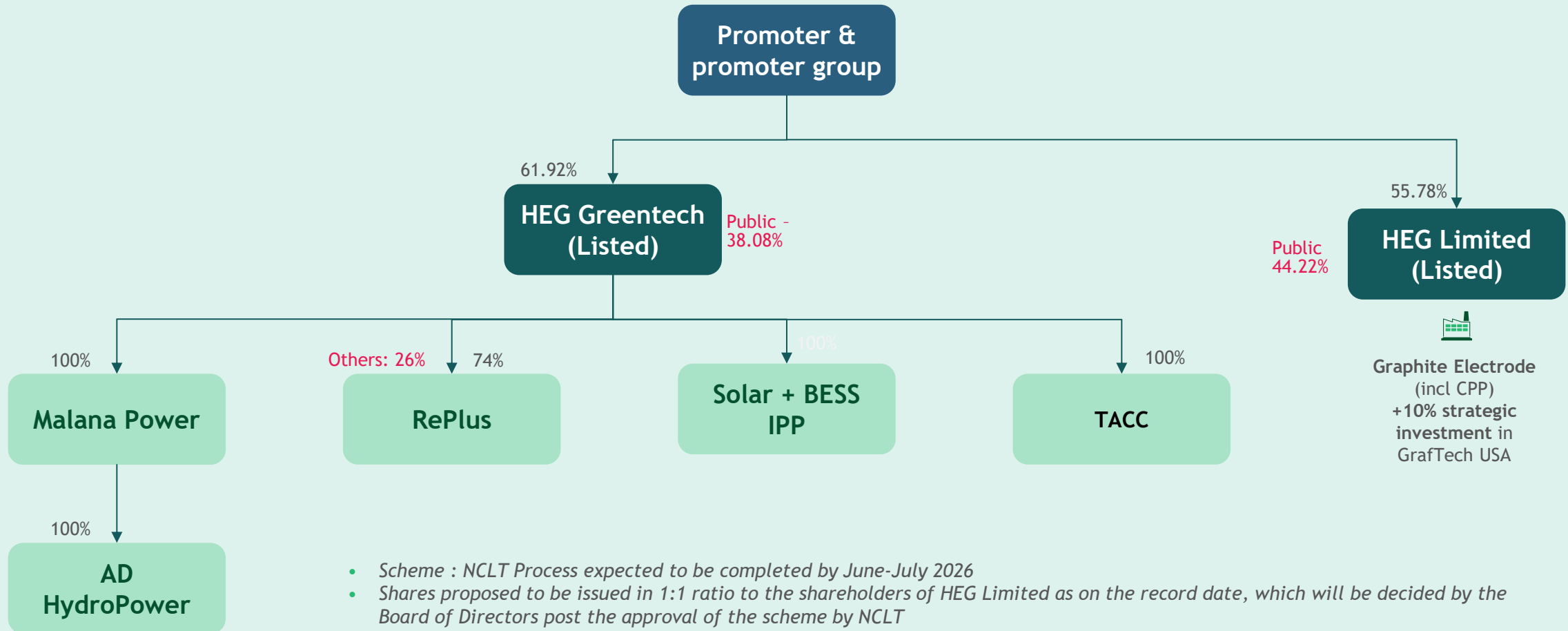


### Key proposed steps (subject to regulatory approvals):

1. Demerger of the Graphite Business through a NCLT approved Composite Scheme of Arrangement ('Scheme') to HEG Graphite Limited
2. Cancellation of original nominal capital and Issue of shares by HEG Graphite to shareholders of HEG Limited in 1:1 ratio - Mirror shareholding
3. Merger of BEL with HEG
4. HEG to issue shares to the shareholders (Promoter Group, RSWM and Investor) of BEL (other than HEG) basis swap ratio given by the valuers and commented upon by Merchant Bankers
  - Cancellation of BEL stake held by HEG pursuant to the merger
5. HEG Graphite Limited to be renamed HEG Limited and current HEG Limited to be renamed HEG Greentech Limited

# HEG Limited - Scheme of arrangement

## Resultant structure



- Scheme : NCLT Process expected to be completed by June-July 2026
- Shares proposed to be issued in 1:1 ratio to the shareholders of HEG Limited as on the record date, which will be decided by the Board of Directors post the approval of the scheme by NCLT
- HEG Graphite Limited to be renamed to HEG Limited pursuant to the Scheme

# Holding structure of the Greentech platform

Integrated platform of high growth businesses in clean tech domain

## HEG Greentech

Shareholding: Promoters ~61.92%; Public ~38.08%

Wind Assets & Treasuries

100%

Hydro Power

- 86MW and 192 MW existing hydro power plants
- 74 MW - under active consideration



100%

Advanced Battery Materials

- 20 KTPA. greenfield capacity for battery grade anode plant under construction
- 4000 TPA Graphene derivative - under active consideration



74%  
(26% with founder)

Battery Energy Solution

- 1 GWh existing cell to pack capacity
- Additional capacity of 5 GWh to be live by Q2 FY27



100%

Storage based RE IPP

- 100/200MWh - Secured
- 500/1000MWh - Emerged as L1
- Target addition of 1 GWh BESS, 500 MWp Solar per year

HEG Energy Transition

# Hands-on experienced team in place to setup and execute each business backed with strength of strong corporate leadership

## Business Leadership



**Riju Jhunjhunwala**  
CMD, Greentech

- 25+ yrs leading the Group and sustainability-led innovation; Scaled 300+ MW renewable capacity across hydro and wind



**Basant Jain**  
CEO,  
Greentech

- Ex-MD & CEO, Mahindra Susten, led cleantech portfolio incl. 6+ GW solar projects; 25+ yrs with leading large industrial cos



**O.P. Ajmera**  
Group CFO & CEO-  
Hydro & Wind

- 15+ yrs leading BEL's RE portfolio; CA with 30+ yrs in corporate finance



**Ankur Khaitan**  
CEO, Advanced  
Battery Material

- 17+ yrs exp, with 12+ yrs at HEG Ltd in Strategy, Ops & BD, led growth and NPD



**Hiren Pravin Shah, CEO**  
Battery Energy  
Solution

- 23+ yrs in BESS, new energy solutions with Panasonic & Delta; Led ESS projects for Jio, TATA, AWS & Indian Oil

## Corporate leadership



**Puneet Anand**  
Group Chief  
Strategy Officer

- 16+ years of experience leading corporate strategy, M&A/JVs, international tax planning, and corporate restructuring



**Salil Bawa**  
Head, Investor  
Relations

- 25+ yrs leading IR, strategy, capital markets, & corp. planning at Edelweiss, DHFL, Manappuram Finance et. al.



**Karunesh Chaturvedi**  
Head, Corp. Affairs

- 30+ yrs in corporate affairs & strategy, advocacy, and govt. Affairs; Ex-Head, Corp. Affairs Welspun India; ex-SVP, Waree Group;



**Indu Mehta**  
Chief  
Sustainability  
Officer

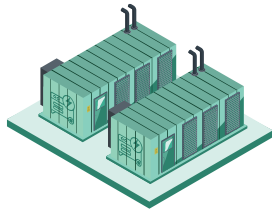
- 30+ yrs in sales & mktg across industries; Ex-Director, Bhilwara Infotech; ex-S&M Director, Kingdom of Dreams



**Ranjan Sarkar**  
CHRO

- 25+ yrs HR leadership in large India cos and MNCs across industries; Ex-President HR, Exide Industries

# Bhilwara group is building India 1st Technology lead integrated **Greentech Platform**

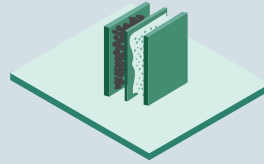


## RE Power generation

Hydro power generation assets

BESS IPP - Storage led IPP Platform

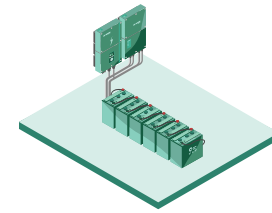
Generating robust steady cash



## Advanced Battery Materials

Starting with Anode active material manufacturing

*Compounding on HEG's graphite expertise and industry leadership, setting up largest domestic anode material capacity, and successfully piloted graphene ("Magic material")*



## Battery Energy Solutions

*Strategic forward integration into EV battery solutions + BESS for Grid scale process + Hybrid application - integration with advanced grid software's*

### FY30 India market landscape

**50-60 GW**

(Annual RE capacity addition)

**120-140 KTPA**

(Anode demand)

**~200 GWh**

(Annual Battery capacity addition across EV, BESS & Hybrid)



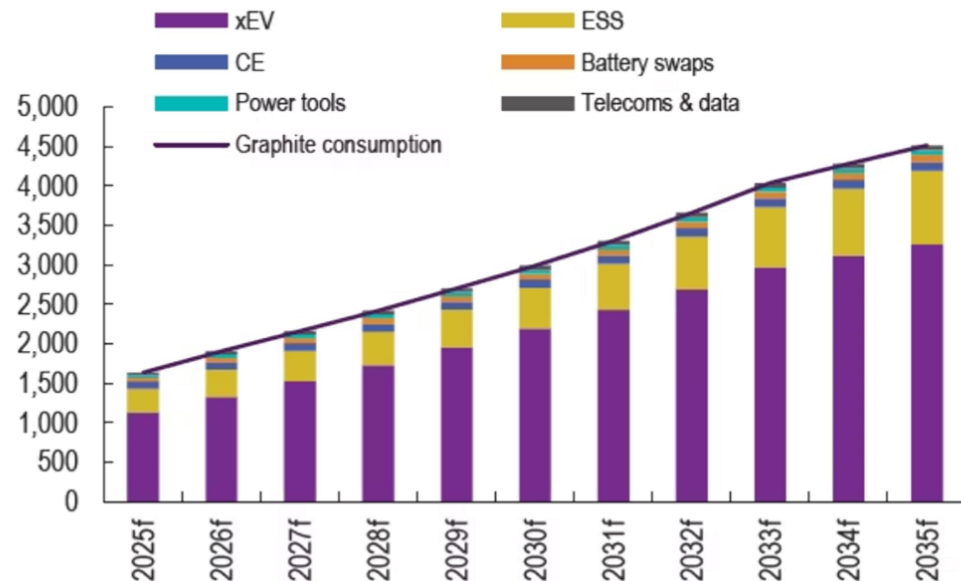
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# Advanced Battery Materials

# Anode Materials | Global Demand Growth & TACCs Positioning

EV and non-EV batteries vs graphite consumption, 2025f-2035f

GWh and '000 tonnes



## Global Demand Growth (2025-2035)

- Global battery graphite demand grows from:
  - 1.6 Million T (2025) to 4.5 Million T (2035) ~11% CAGR
- Energy Storage Systems (ESS) are the fastest-growing segment, ~1 Million T of anode material demand by 2035
- The current anode market is dominated by synthetic graphite, accounting for ~85% of demand, with natural graphite making up the remaining ~15%

## China-Centric Supply and Emerging Global Deficit

- Synthetic graphite supply is heavily concentrated in China
- Global supply remains adequate only until ~2028
- A structural supply deficit emerges, particularly outside China

## India and the Non-China Supply Opportunity

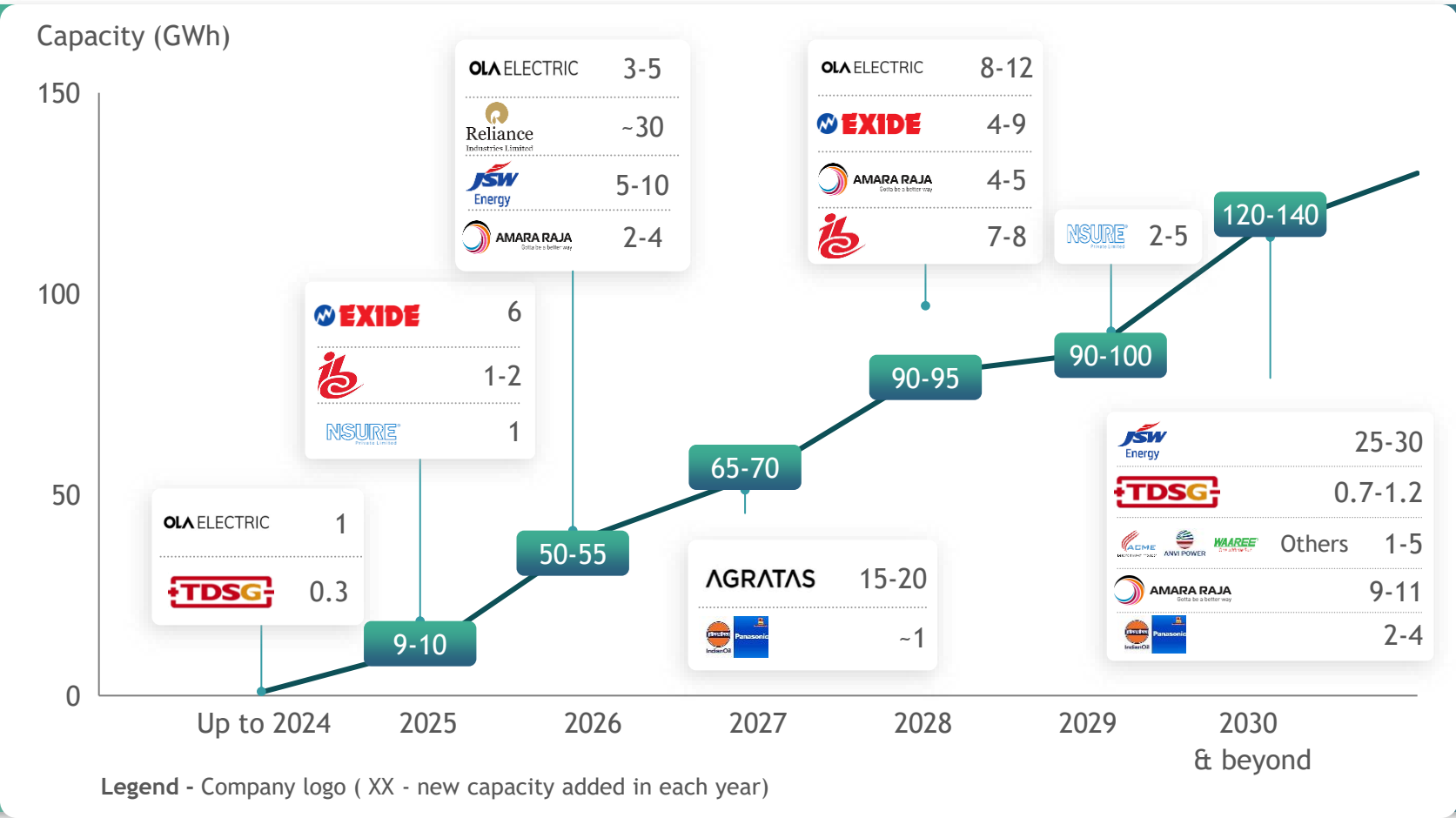
- US, Europe, and India drive most incremental non-China graphite demand
- Trade restrictions, ESG scrutiny, and localization policies are accelerating the shift to non-Chinese anode supply
- India is positioned inside this non-China deficit zone, creating a strategic role for India-based anode producers for Global customers.

## TACC's Strategic Fit with India's PLI-Driven Anode Demand

- India's PLI-ACC scheme with DVA requirements is driving cell makers to source anodes locally, and with India's current anode demand likely to reach at ~120-140 KTPA by 2030

This widening supply gap underpins the strategic relevance of TACC's planned anode capacity as a reliable India-based alternative, leveraging 50 years of proven graphitization experience.

# Indian cell manufacturers have announced massive capacity plans of 120-140 GWh by 2030 which will lead to a demand of 130 - 150 kTPA anode





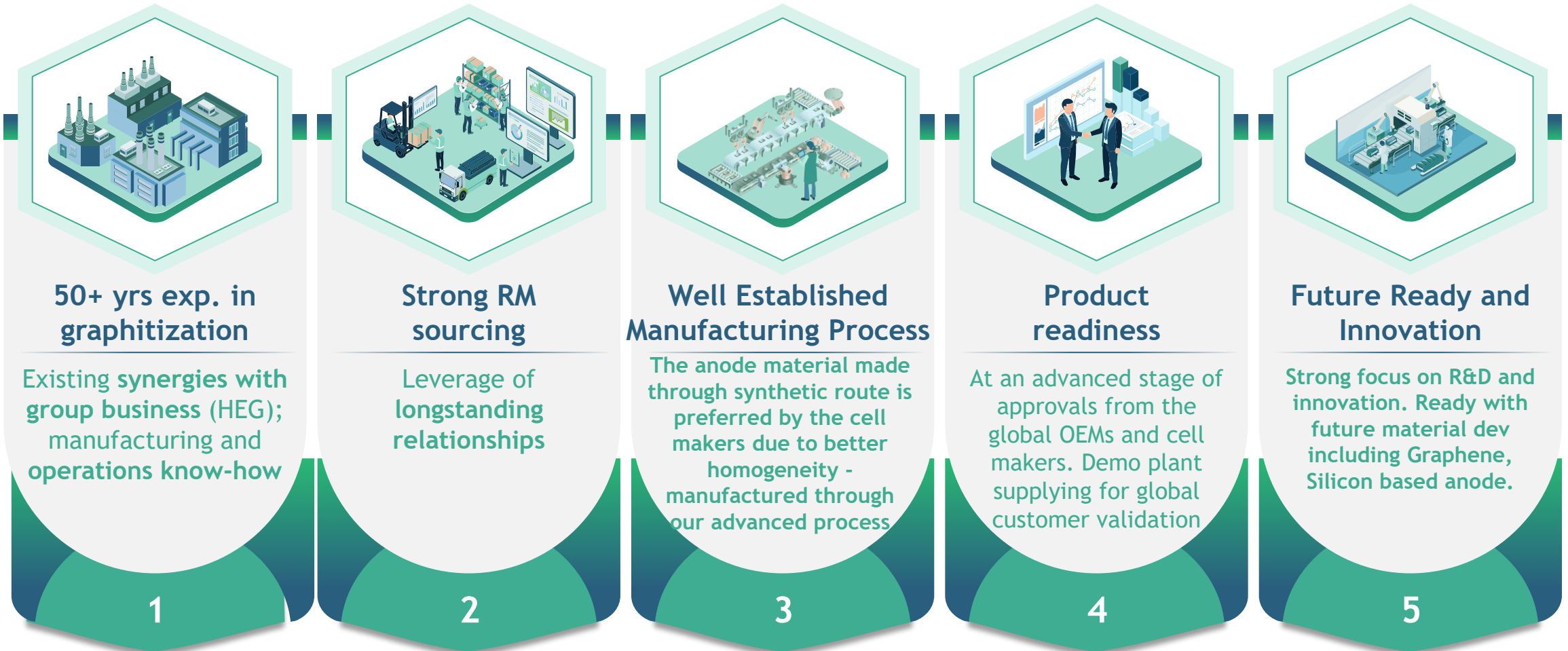
Large Global Customer Pool for TACC

| Key Players   | 2027 Capacity (GWh) |
|---------------|---------------------|
| <b>USA</b>    |                     |
| Panasonic     | 67                  |
| Ultium Cells  | 55                  |
| Tesla         | 48                  |
| Others        | 459                 |
| <b>Europe</b> |                     |
| CATL          | 72                  |
| LG ES         | 68                  |
| PowerCo       | 50                  |
| Others        | 235                 |

Advanced-stage discussions with majority of these cell OEMs

900-1,100 GWh demand from US & EU

# Anode Materials | We are uniquely positioned to establish market leadership in anode manufacturing business



# Anode Materials | In-house R&D and advancements are driving future growth



- Backed by experts with global exp in material science and cell development.
- Supported by an in-house battery lab for cell fabrication and testing.
- Enabling rapid material optimization and faster customer qualification.

## 200 TPA Demo plant already operational for the past 12 months.

- **Operational pilot facility:** A 200 TPA anode pilot plant is operational at Mandideep, Madhya Pradesh, running on the same process flow and technology as the planned commercial plant, thereby validating TACC's full-scale manufacturing route.
- **Customer qualification progress:** Samples produced from this pilot line have been successfully qualified with global Cell makers, making TACC the only Indian company to reach this stage, with visits from leading global cell suppliers concluded.
- **Commercial readiness:** TACC is at an advanced stage of sample approvals and material qualification, providing a clear and accelerated pathway to customer offtake for the upcoming 20 KTPA anode facility.



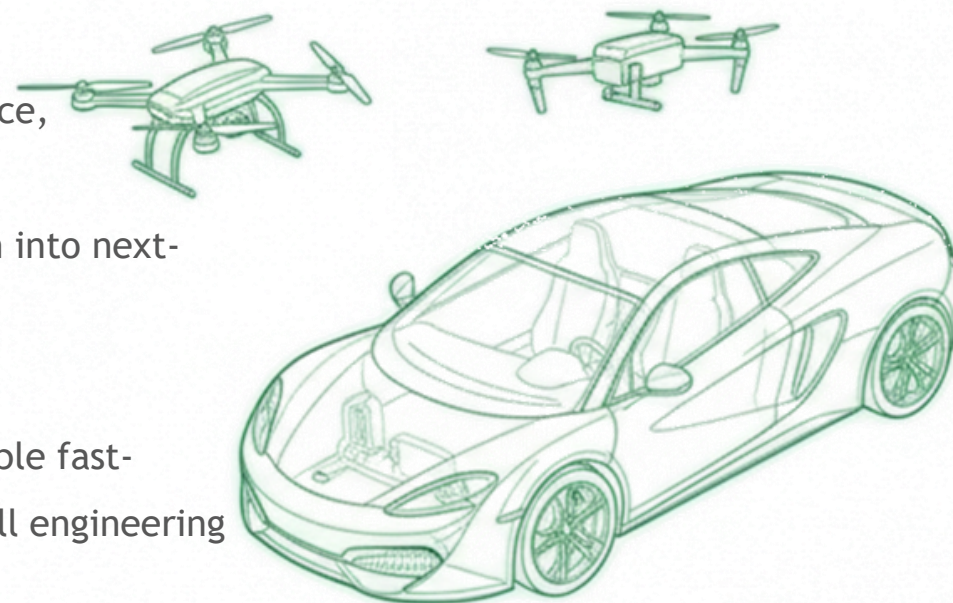
# Anode Materials | Strong Development high-end grade anode

## Si-doped anode for High-Capacity Anode

- Silicon-doped anodes enables higher energy density (>20%) and improved performance, supporting higher capacity and charging rate for premium high end applications.
- Successful results validate the technology and create future optionality to transition into next-generation anode products as the market evolves.

## Graphene based Anode

- Multiple high-speed, graphene-based anode products are under development to enable fast-charging and high-power applications, supported by strong in-house material and cell engineering expertise.
- These products target premium EV and Electronics segments where charging speed and power performance drive differentiation and value.



| Product Category            | Target mix | Key Applications  |
|-----------------------------|------------|---|
| Mid-end SG                  | 30%        | ESS (LFP, C&I & residential); entry EV/2W/3W                                  |
| High-end SG                 | 60%        | Premium/mainstream EVs, Electronics & higher-duty ESS (high cycle life/power) |
| Silicon- doped Anode (Si-C) | 10%        | Premium/ performance EVs  |

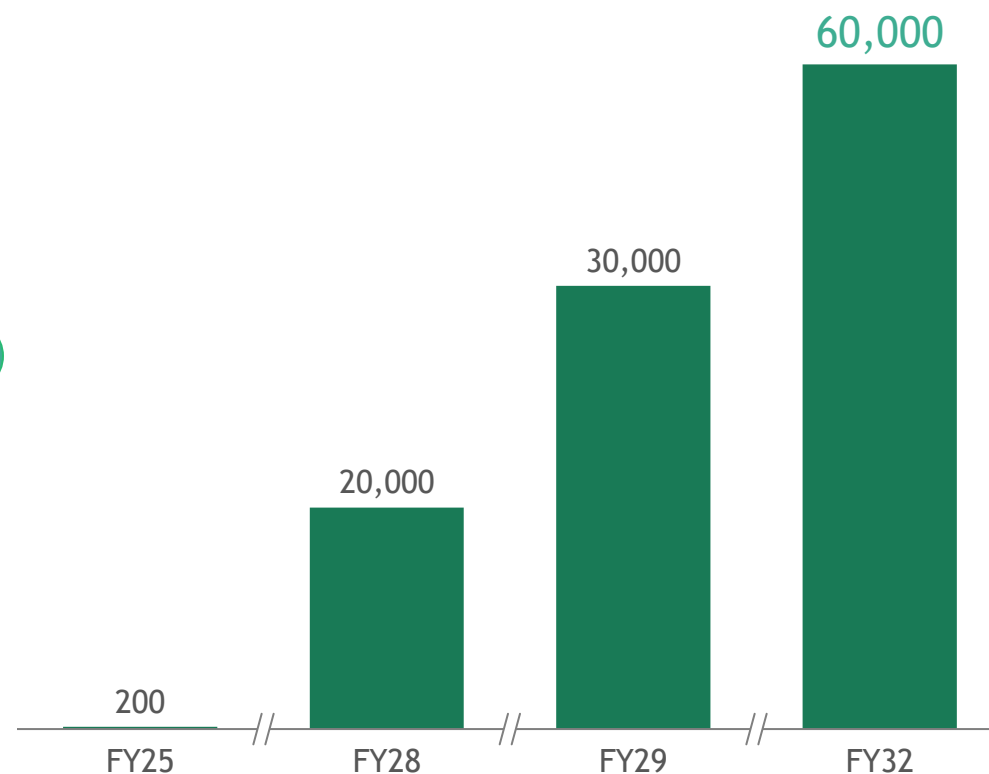
# Anode Materials | Production scale-up targeted to reach 60 KTPA by FY32, to emerge as one of the largest global player

## Construction underway for Phase I - 20 kTPA

- SOP: 1st April 2027
- Land acquisition complete (100 acre), approvals secured.
- 80% Procurement complete and 90% engg complete. Overall progress ~30%.
- Facility expandable to 30KTPA at optimal investment



## Expansion to 60 kTPA by FY32



# GTM | Strong momentum seen with major global players and Indian cell manufacturers

| Region |               | Key Customers* | Total Expected Capacity (GWh) | Engagement Status of Key Customers & Highlights  |
|--------|---------------|----------------|-------------------------------|--|
| 1      | APAC          | Confidential   | 600+ GWh                      | <b>Strong Momentum with Customer 1</b> - in the process of finalizing LOI for 25,000 tonnes over period of 3 years. Customer 1 being among top 10 global cell makers.<br><b>Customer 2</b> In discussions for 27,000 TPA offtake for ESS materials, positive feedback on material validation. <b>Customer 3</b> to be part of a JDA with a Global OEM for supply of anode materials for EVs. |
| 2      | India         |                | 112 - 158 GWh                 | <b>Mixed maturity.</b> Scaled testing is in progress for <b>Customer 1</b> and <b>Customer 2</b> ; <b>Customer 3</b> has achieved initial product approval; Testing and active discussions with all other major players in the Indian market.  |
| 3      | Europe        |                | 110 GWh                       | <b>Strategic validation.</b> <b>Customer 1</b> - is undergoing ton-scale sample validation;<br><b>Customer 2</b> - discussions for a JDA together with one of their cell suppliers with ongoing sample exchange.<br><b>Customer 3</b> - MoU discussions underway.  |
| 4      | North America |                | 95 GWh                        | <b>Active negotiations.</b> <b>Strategic discussions with Customer 1</b> for offtake of minimum 8,000 TPA offtake over the next 3 years, with potential to double the volumes by 2030;<br><b>Customer 2</b> - Active discussions for supply of ESS materials.<br><b>Customer 3</b> - Active discussions on finalizing the product requirements and testing.                                  |



*Advanced offtake discussions underway with key customers for quantities exceeding 30,000 MT*

*\*Engagement with key global suppliers are under various stages of material validation. The above list is not exhaustive.*



# Graphene “Wonder Material” | TACC is building 4000 MT+ graphene derivatives facility, enabling scalable applications across multiple industries

**Graphene** is a Magic Material which works as a one stop solution across various industries

Now applied across multiple innovative platforms, from innovative constructions to advanced materials for Textiles, paints including semi-conductors and high-end electronics.

## Patent Filed

Owning the IP for the inhouse developed Process-method For Graphene Manufacturing.

With our inhouse technology capability, we have prioritized **5 target application areas** based on addressable volume and tech readiness...

| Product Category     | Remarks   |
|----------------------|---|
| RMC & Cement         | Proven reduction of 30% Cement in RMC mix with use of our inhouse graphene.<br>Sample for High Performance Concrete under validation at NCCBM (MOU signed). |
| Road Infra           | Product under advanced stage of validation at CSIR - CRRI (MOA signed)  |
| Textiles             | Commercial scale trial completed with established results as multi-functional advanced textile. (MOU Signed)  |
| Paints and Coatings  | Sample under testing at advanced stage with global paint manufacturers.   |
| Graphene Based Anode | Multiple products under development for Fast Charging applications with in-house expertise.   |

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# Battery Energy Solutions

# Battery Energy Solutions | With BESS Container & Cabinet Product portfolio, we are well positioned to capture India's growing BESS market

## Market Scenario

**≥200 GWh**

Utility-scale batteries demand till 2030

### Market Enabling Factors:

- Viability Gap Funding (VGF) Schemes for 40GWh BESS Projects
- Manufacturing and Local Industry Support - Min. 20% Domestic Value-addition requirement as Local Content Requirement
- Energy Storage Obligation (ESO)
  - Similar to Renewable Purchase Obligation (RPO), ESO mandates obligated entities to procure a minimum percentage of energy with storage - scaling over time.
  - At least 10 % storage capacity (2-hour duration) for new solar tenders fosters hybrid systems.

## ESS



**RE5K - Battery Container**  
5 MWh



**Outdoor Cabinet Solution**  
100KWh to 1000KWh

### ...set to become key differentiator for us:



**Liquid-cooled technology** to maintain consistent internal temp in harsh Indian environment



**Dual stage fire suppression system** combines oxygen arresting agents & a sprinkler mechanism



**Long-Life battery design** with 20-year service life, 10,000-cycle design



**Compliance with international standards** like UL 9540, IEC 62619, NFPA 855, UN 38.3, UL 1642, UL 1973



**In house AI/MI enabled EMS** - Strategic Partnership with IIT Gandhinagar & Green Power Monitor (DNV Co.)

# Battery Energy Solutions | Expanding Business Operations in EMEA (Europe, Middle East & Africa)

## Market Scenario

**≥285 GWh**  
BESS demand till 2030

### Market Enabling Factors:

- BESS market in the Middle East & Africa is expected to expand rapidly as well, estimated to grow from about USD 2.39 billion in 2025 to ~USD 5.82 billion by 2030.
- Europe's BESS Market is forecast to grow steadily with CAGR around ~14-15% through 2030, with market value roughly doubling from ~€9.2 billion (2025) to ~€18 billion (2030).
- Policy & Regulation: EU climate policies and Middle Eastern renewable targets (e.g., Saudi 50 % renewables by 2030) are accelerating BESS deployment as part of broader decarbonization strategies.

## ESS

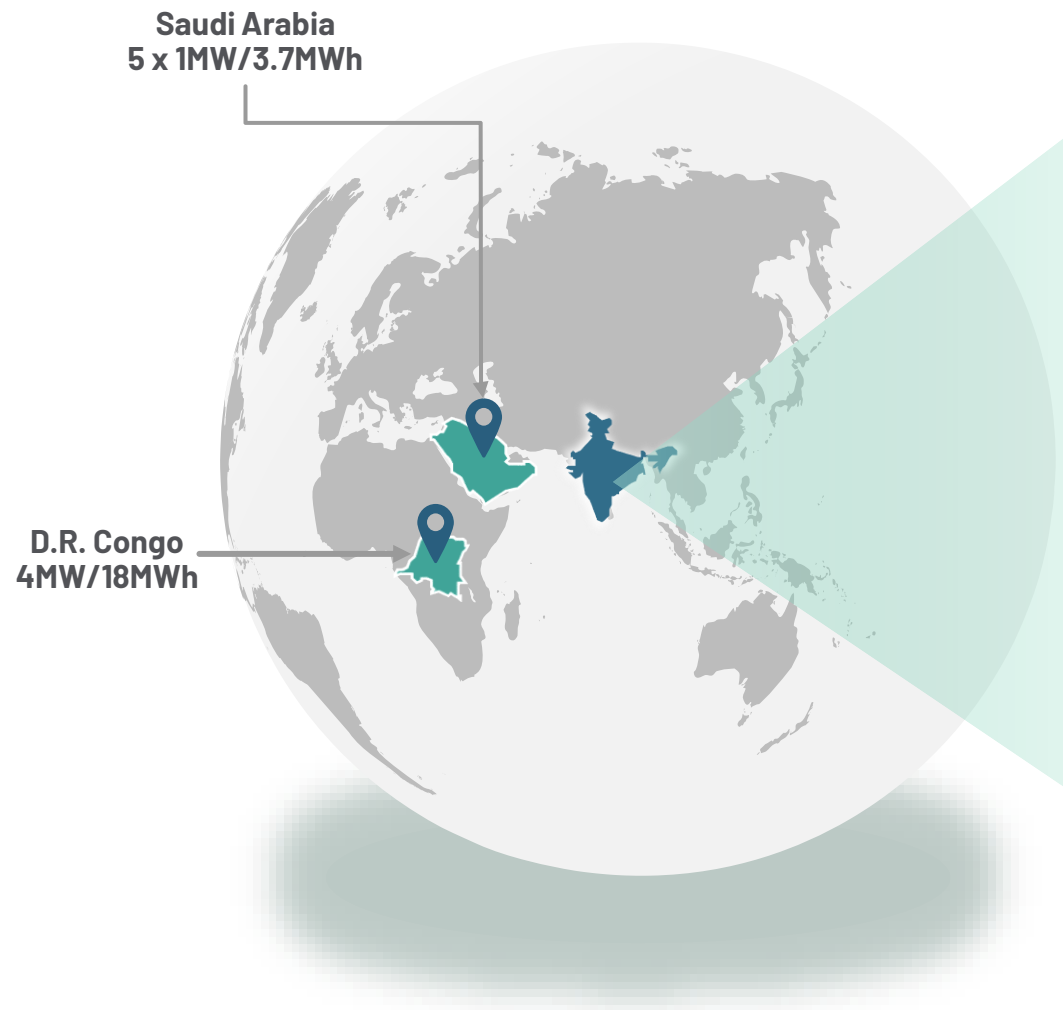


### ...set to become key differentiator for us:

- Positioned in Market as an **Emerging System Integrator & EPC Solution Provider for BESS from India** (Preferred Choice by EMEA Clients over Chinese Counterparts)
- **Commissioned 36MWh+ BESS Projects in KSA & Congo, Africa** for Micro-grid & DG Mitigation Applications
- Registered Vendor for Key Developers like ENGIE, MASDAR, ACWA, ALFANAR and AL GIHAZ

# Our Battery energy solutions are gaining strong traction across India and beyond

100 MWh commissioned, ~2000 MWh under execution



# Battery Energy Solutions | With Certified EV Battery Products, we are well positioned to capture the EV Battery Demand

## Market Scenario

**≥127 GWh**

Electric Vehicle batteries demand till 2030

### Market Enabling Factors:

- PLI Schemes for EV & Battery Manufacturing for EV component manufacturing, including battery packs and related modules.
- Direct EV Incentive Programs (Which Boost Battery Demand)
  - PM E-DRIVE Scheme provides direct purchase incentives for EVs - including e2-W, e3-W, e-buses, e-trucks, and e-ambulances.
  - Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles (FAME) initiative offered subsidies on EVs and charging infrastructure
- Tax & Regulatory Incentives Reducing Battery Costs - GST on electric vehicles is reduced to 5 %
- 30% EV Penetration in New EV Sales by 2030 - Official national target set by NITI Aayog and government policy plans.

## EV



### Battery Packs for LCV, E-Bus, 2/3Wheelers and E-trucks

32KWh, 2KWh, 5KWh, 10KWh, 16KWh, 35KWh

### ...set to become key differentiator for us:

- Best in Class Energy Density (160Wh/Kg) across EV Industry
- India's 1<sup>st</sup> AIS-048 Certification for Light Commercial Vehicles (LCV)
- Modular & Scalable Design Approach: Common Battery Model (32KWh & 35KWh) for 9mt., 12mt. & 13.5 mt E-Bus Platforms and 25Ton & 55Ton E-Truck & E-Tractor Platforms

# Battery Energy Solutions | With a comprehensive product portfolio, we are well positioned to capture India's growing telecom & data-center market

## Market Scenario

**≥30 GWh**

Telecom, Home Residential & Data-Centre  
Battery demand till 2030

### Market Enabling Factors:

1. PM Surya Ghar Policy shall boost rooftop installations from 1 Crore homes (1GW) to 30 Crore homes (30GW) by 2030 and combining them with batteries increases self-consumption and storage demand.
2. India's Data Centre Capacity is projected to grow to 8GW by 2030 (about 5x) due to digital services, cloud and AI demand.
3. 16.7 Lakhs Tower Count by 2030 (2.2X) based on industry forecasts.
4. India's overall Drone industry shall reach ~\$23 billion by 2030 across sectors including defense and agriculture, driven by strong domestic manufacturing and government support.
5. A significant portion (3-5GWh+) is plausibly attributable to replacement of lead-acid battery applications - particularly in automotive starter, UPS/telecom backups, and small off-grid solar storage

## Hybrid, Aerospace & Defense



**Battery Modules, Packs, and Rack Systems**  
For Drones, Data Centers & other hybrid applications

### ...set to become key differentiator for us:

- Technical Specification Evaluation Centre (TSEC) Certified Battery Pack for BSNL Telecom Towers
- 12V & 24V Li-ion Battery for Lead Acid Replacement with Improved Design Life & Performance
- High C-rate Battery for Mission Critical Data Centre Applications



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# RE Power generation - Solar & BESS



# Market Shift I From Vanilla RE to Firm Power

## Power Procurement Paradigm - 2020-22 vs 2026 onwards

| Parameter             | 2020-22 (Old)                             | 2026 onwards (New)                                   |
|-----------------------|---|--|
| Primary focus         | Lowest solar/wind tariff discovery        | Firm/peak power, grid reliability                    |
| Curtailment tolerance | Higher tolerance                          | Lower tolerance; assured availability SLAs           |
| DSM / Scheduling      | Broader deviation bands; weak ToD signals | Stricter DSM; ToD tariffs and peak windows           |
| Banking provisions    | Liberal monthly/annual banking            | Restrictive slot-wise/monthly limits; higher charges |
| Storage adoption      | Nascent; limited pilots                   | Essential component; RTC/peak/FDRE tenders           |
| Tender types          | Standalone solar/wind dominate            | Hybrid, RTC, FDRE, standalone BESS rise              |

Note: New paradigm reflects procurement evolution seen in SECI/state bids and CEA Resource Adequacy guidance.



## Policy Shifts Driving Firm Power

### RPO Trajectory

Total RPO ≈ 29.9% (FY25) → ~49.5% (FY34).

Source: CEA RAPs.



### ISTS Waiver Taper

Standalone solar/wind waiver reduces towards 0% by 2028; RE+BESS waiver extended to 2028 & exp. to continue.

Source: MNRE/SECI



### BESS VGF

Viability Gap Funding ~₹5,400 cr for ~30 GWh BESS.

Source: MNRE announcements (2023-25)

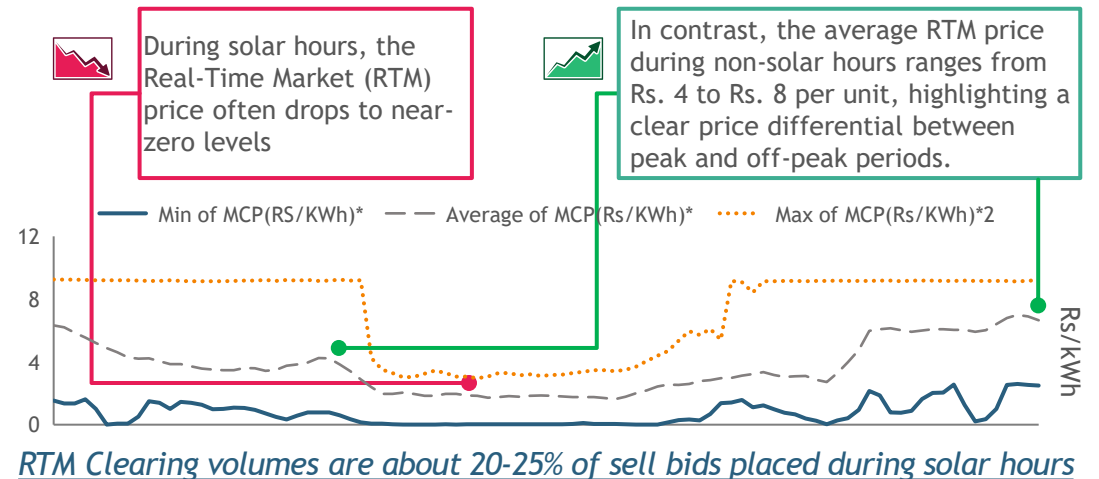


### State OA Incentives

e.g. Rajasthan: oversizing up to 200% with BESS; T&W waivers for OA+BESS.

Source: State OA/banking regulations.

## Real-Time Market (RTM) Source: MERC Tariff order, IEX



## Market dynamics supporting firm power



### Falling Li ion pack Prices

\$475/kWh(2015) → \$65/kWh (2025)

Source: BNEF



### Higher RE penetration feasibility

Higher peak-hour substitution: ~63% Solar+BESS vs ~12% pure solar (illustrative data center load in MH)



### Grid curtailment of Utility RE

Grid saturation during excessive supply leading to curtailment during solar hours



### Future use cases- Grid stability

Frequency, ramping, congestion management to further increase demand for battery storage

# C&I storage demand I poised to grow led by market economics and policy push

Tightening regulatory landscape and superior economics driving BESS adoption

## Tightening DSM Mechanism & Grid Costs

**C&I Grid Tariffs (Select States)**  
**₹7 - 10 /kWh**

High base creates arbitrage opportunity

**DSM Penalty Exposure**  
**₹0.5 - 1.0 /kWh**

Based on deviation bands (CERC 2024)



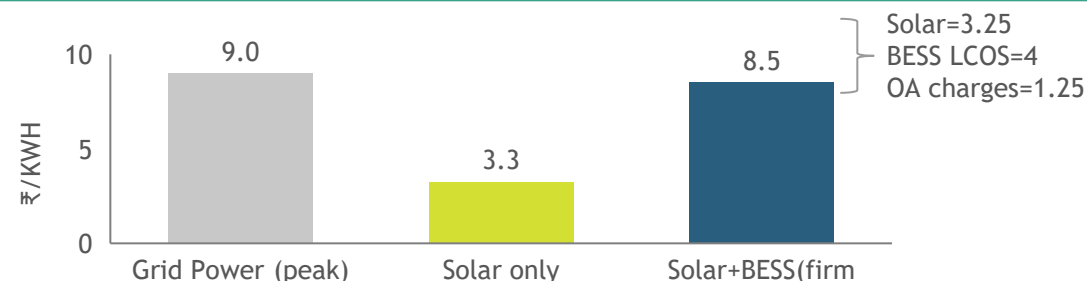
### Restrictive Banking Provisions (Key States)

| State         | Banking Charges | Settlement  | ToD / Drawal Restrictions                                |
|---------------|-----------------|-------------|--|
| Gujarat       | 8% (in kind)    | Monthly     | Off-peak banked energy drawal only in off-peak slots     |
| Maharashtra   | 8%              | Monthly     | Strict slot-wise credit adjustment; no carry forward     |
| Karnataka     | 8%              | Monthly     | Peak injection credit not applicable for off-peak drawal |
| Rajasthan     | 8%              | Annual      | Limited to off-peak / normal hours only                  |
| Uttar Pradesh | 6%              | Q+2 Quarter | Off-peak banking credit invalid for peak drawal          |



**Implication:** Monthly settlement and ToD restrictions eliminate "virtual storage" benefits of grid banking, forcing C&I consumers toward physical BESS for firm power compliance.

## Superior Economics: Solar + BESS Firm Power



### Cycling Impact on Viability

**1 CYCLE / DAY**  
**₹4.5 - 5.0**  
**LCOS / kWh**

**2 CYCLES / DAY**  
**₹3.0 - 4.0**  
**LCOS / kWh**

Source: Internal Analysis



**Insight:** Higher cycling (2 CPD) reduces LCOS by ~30-40%, making Solar+BESS competitive against peak grid tariffs of ₹9+ /kWh.

### Other Market dynamics for C&I Adoption

- RE100 / Net Zero mandates accelerating voluntary adoption
- CBAM exposure: EU carbon cost adds ~20-35% to embedded emissions on key exports
- Open Access momentum: 6.1 GW solar OA added in 9M 2025 - record pace

# RE IPP Business is uniquely positioned to become top-3 storage led RE Platform in India



## Utility Storage Market Opportunity

**Cumulative Tendered**  
**83 GWh**  
2022 - May '25

**MARKET SIZE (FY30E)**  
**208 GWh**

**ANNUAL ADDITION**  
**40-50 GWh**



## C&I Storage Market Opportunity

**Cumulative Deployed**  
**507 MWh**  
Till end of 2025

**MARKET SIZE (FY30E)**  
**40-50 GWh**

**ANNUAL ADDITION**  
**8-10 GWh**

## Right to Win: Competitive Advantages



### Strong IPP Execution team

- Dedicated in-house team for end-to-end project delivery with storage integration.

### Competency: Faster Time-to-Market



### Deep Storage-tech know-how

- In-house expertise from Replus & TACC enables right battery tech selection, optimized system design & lifecycle management.

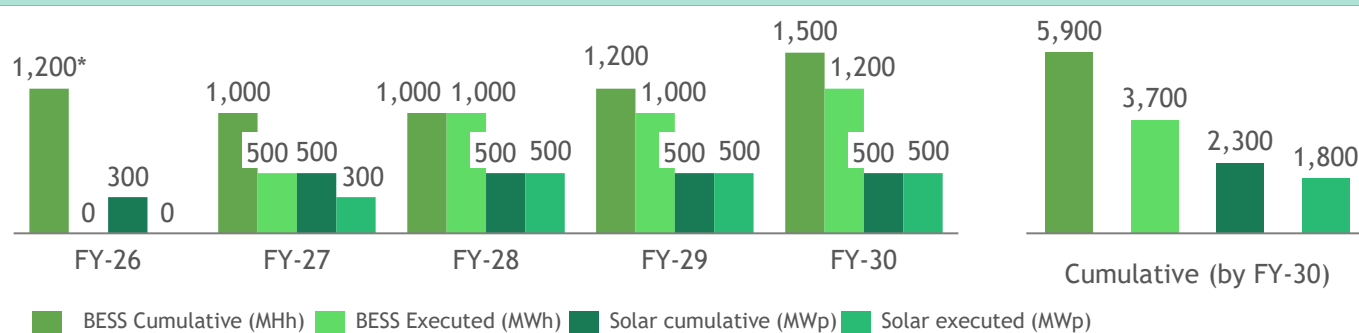


### Secured Supply Chain

- Established relationships mitigate delay risks common in the battery component ecosystem.

### Competency: On-time Delivery Risk Mitigation

## Target RE IPP portfolio | Portfolio of 2.3 GWp solar + 5.9 GWh BESS by FY30



## IPP Key Focus Areas & Market Approach

- Selective participation in B2G standalone storage
- C&I solar only and Solar+BESS market to be pursued diligently with target Equity IRR\*\* of 16%-18%
- Greentech will follow build and flip model to improve capital efficiency and returns

*\*\*Illustrative and based on management assumptions. Actual results may differ materially. This is not investment advice.*

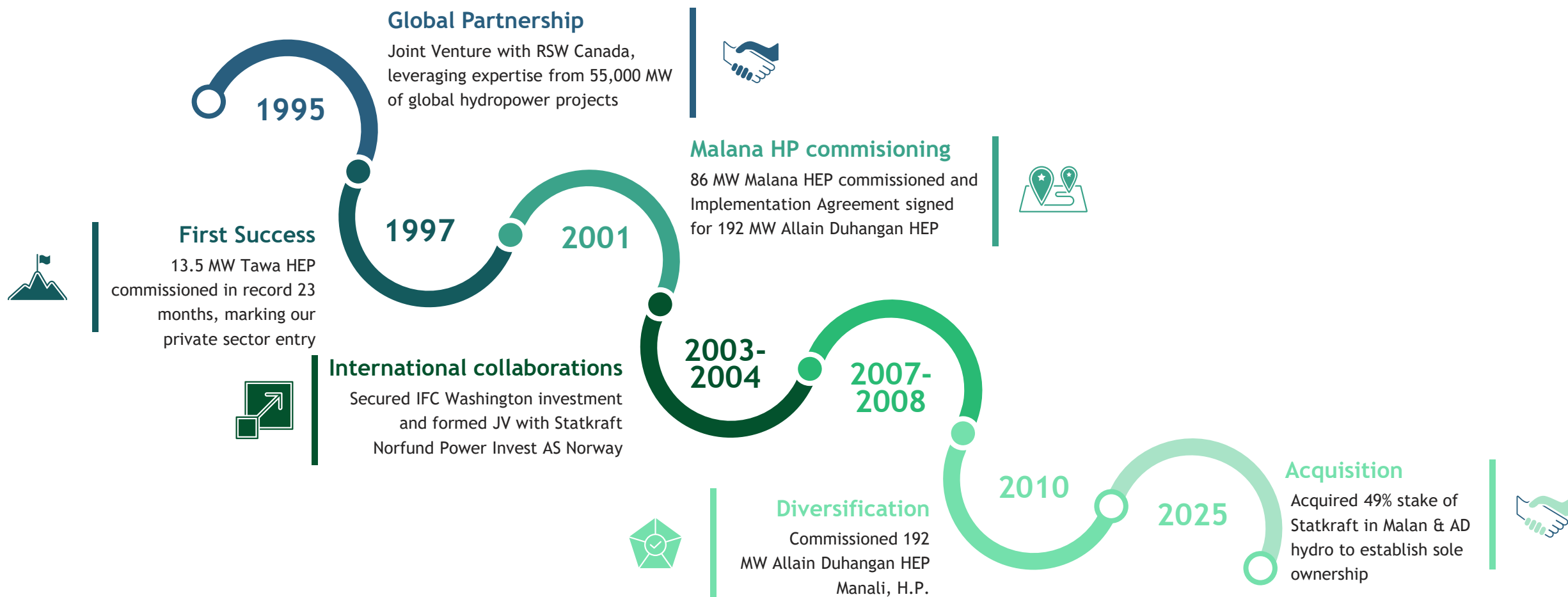
\*BEL emerged as L1 bidder in MSEDCL standalone BESS tender which is 1000 MWh out of 1200 MWh shown above in F26  
#Graphical representation - not to scale

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# RE Power generation - Hydro

# HEG's Hydropower Journey

Building Stable Green Cash Flows



# Hydro | Two hydropower projects operational in Himanchal Pradesh deliver stable, high-margin cash flows that de-risk growth capex

## Malana (86 MW)

Commissioned in record time of 30 months in 2001.



Operational for over 25 years with ~80% EBITDA margins.



First IPP (Independent Power Producer) in Himachal Pradesh.



100% power sold through merchant route - India's first such power project.



First hydropower project in India with inter-state wheeling capabilities.



First hydropower project in India with inter-state wheeling capabilities.



Steady Free Cash flows ~₹ 300+ Crs annually



Malana serves as a role model for private sector participation in India's hydropower development.



## AD Hydro Power Ltd. (192 MW)

First merchant power-based hydroelectric project financed by IFC

Operational for over 15 years with ~80% EBITDA margins.

### Underground power-house

High head:

- Gross: 880 m
- Net: 858 m

Built a strategic transmission backbone – a 175-km, 220-kV double-circuit line – ensuring reliable power evacuation and long-term returns

### Water integration

- Water from two rivers combined through two 4.5 km Head Race Tunnels (HRT)





Total tunnelling length: 15.0 km



Both projects are debt-free, eligible for renewable energy certificates, and operate as run-of-river plants with a 3.5 - 4-hour reservoir enabling peaking generation, generating steady free cash flows of ~₹300+ crore annually



We have a strong growth and expansion roadmap for the HEG Greentech platform, supported by a well-capitalized balance sheet post scheme completion, a ₹500 crore strategic investment from Singularity(led by renowned investor Madhusudan Kela), and robust annual free cash flows from the hydropower portfolio.

|   |                                    | Immediate Capex (₹ Cr) | Commercial SOP        | Scale in FY27 <sup>2</sup>    | Expansion capex FY28-30 (₹ Cr) | Cumulative Capex (₹ Cr) till FY30 <sup>2</sup> | Cumulative scale in FY30 <sup>2</sup> |
|---|------------------------------------|------------------------|-----------------------|-------------------------------|--------------------------------|--|---------------------------------------|
|  | Anode Materials                    | 2,250                  | Apr'27                | 20 KTPA                       | ~850                           | ~3,100   | 30 KTPA                               |
|  | Battery Energy Solutions           | 250                    | Q2 FY27               | 6 GWh                         | -                              | ~250   | 6 GWh BP                              |
|  | RE Power generation - Solar & BESS | ~1,700                 | Starting from Q2 FY27 | 0.8 GWp solar<br>2.2 GWh BESS | ~2,000 <sup>1</sup>            | ~3,700   | 2.3 GWp solar<br>5.9 GWh BESS         |
|  | RE Power generation - Hydro        | 100 <sup>3</sup>       | ~278 MW operational   | ~278 MW                       | 550 <sup>3</sup>               | ~650 <sup>3</sup>                              | ~354 MW                               |
| Total   |                                    | 4,300                  |                       |                               | 3,400                          | 7,700  |                                       |

The capital structure assumes a 30:70 equity-to-debt ratio, with total equity requirement of ~₹2,310 crore. The company is well capitalized to deliver the above plan.

1. Total capital requirement of ~₹9,000 crore - balance funding to be met through capital recycling.

2. Includes under-development projects;

3. Final numbers to be firmed up post detailed feasibility studies

# Thank You

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