



Dear Team and Stakeholders,

Welcome to the latest June 2025 edition of the Cygni Newsletter!

We're excited to share a power-packed update from across the Cygni universe. Our recently inaugurated Battery Energy Storage System (BESS) manufacturing facility in Hyderabad, a proud milestone in our journey to power a cleaner & more resilient energy future, was featured in an exclusive interview with **Cleantech Hero magazine**.

We were also actively present at key industry platforms including the **EV Update Telangana Summit 2025**, **Entrepreneur's India EV Show 2025**, and the **IESA-ULSE Webinar on Safety of Energy Storage Systems**, where we joined thought leaders and change makers to shape the future of clean mobility and energy storage.

Our voice continues to resonate in leading publications with insightful opinion pieces like **"The Role of BESS in India's Renewable Energy Goals"** and **"Ultra-Fast EV Charging: A New Challenge for the Grid."** These articles highlight the pivotal role of innovation in navigating India's energy transition.

We've also curated some powerful insights from the latest industry reports, including **"The Standalone Energy Storage Market in India"** and the forecast that India aims to boost energy storage 12-fold to 60 GW by FY32 — a future we are gearing up for.

And because all work and no play isn't our style — Cygni Sports 2025 is brining out the competitive spirit and camaraderie in our team, proving once again that at Cygni, we work hard and play harder!

Together, we are not just witnessing the energy revolution — we are building it!

Warm regards,

Cygni in the News

Cygni-BESS Manufacturing Facility

Cleantech
HERO



Cygni inaugurates **BESS** Manufacturing Facility



Cygni Founder & CEO, [Venkat Rajaraman](#), shared insights on Cygni's newly inaugurated Battery Energy Storage Systems (BESS) facility in Maheshwaram, Hyderabad.

This interview with **Cleantech Hero** explores the operational and economic aspects of Cygni's BESS manufacturing facility, as well as the company's vision for energy storage solutions. It spotlights the key features, modular sizes, and our expanding production capacity.

[Read the full article](#)

EV Update Telangana Summit 2025



Cygni Energy participated in the **EV Update Telangana Summit 2025** on June 27 in Hyderabad! ⚡
Our SVP – Operations, **Mr. Vipul Kumar Jain**, shared insights on EV innovation, R&D, supply chain, talent, and the power of collaboration across industry, academia & govt. 💛

Energetica India Magazine - Opinion Piece The Role of BESS in Indias Renewable Energy Goals

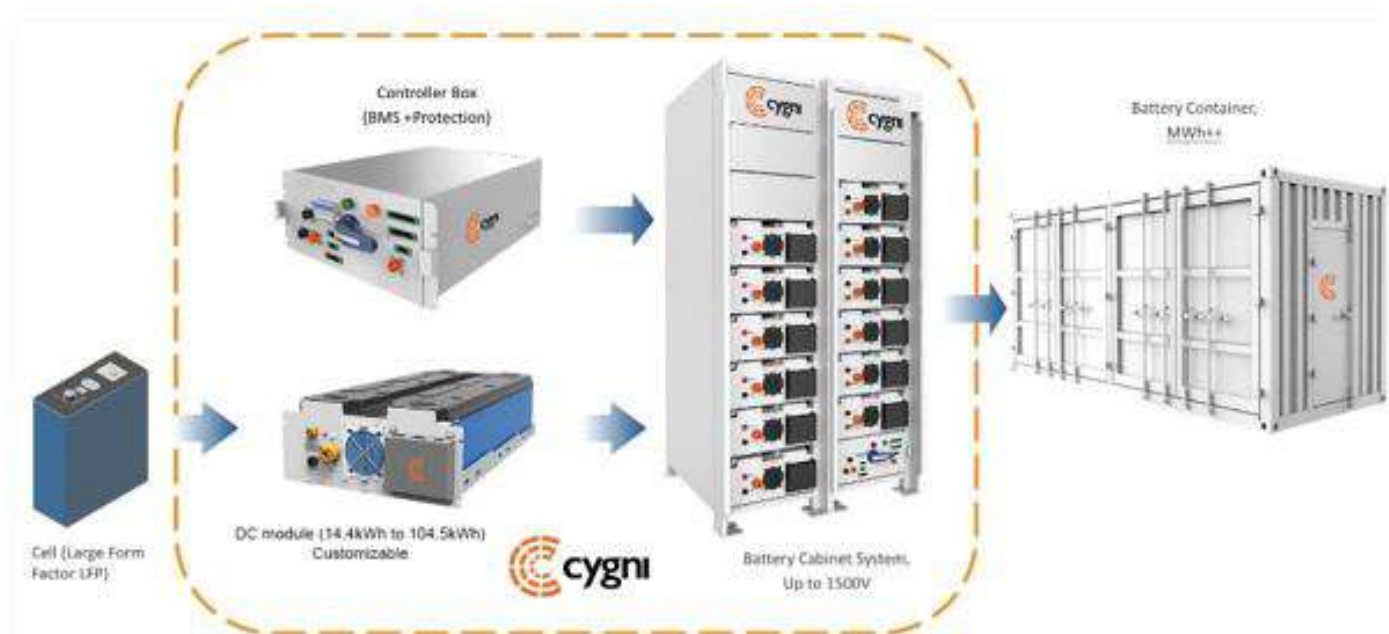


Figure 2: Cell to Container. Courtesy: Cygni Energy

India is witnessing explosive growth in **BESS**, with ~12.2 GWh of **tenders** announced so far. It represents only ~5 percent of the projected demand for the next seven years, underscoring immense

opportunities in India's transition to **sustainable energy solutions**.

Happy to share on CEO **Venkat Rajaram's** opinion piece in the latest edition of **Energetica India magazine!** This insightful article, "**The Role of BESS in India's Renewable Energy Goals**" unpacks the immense potential of Battery Energy Storage Systems (BESS) in achieving India's ambitious sustainability targets.

[Read The Full Article Here](#)

Entrepreneur's India EV Show 2025



The banner for the Entrepreneur's India EV Show 2025 Expo & Conference features a green and blue color scheme. At the top left, the logo for 'Entrepreneur Presents India EV 2025 Expo & Conference' is displayed, with 'EV' in large green letters and a plug icon. To the right, a green banner indicates the '5th EDITION'. Further right, two yellow circles contain the dates '27' and '28', followed by the text 'JUNE, 2025 Chennai Trade Centre CHENNAI' and the website 'www.indiaev.org'. The central part of the banner has a teal background with the text 'INDIA'S LARGEST ELECTRIC VEHICLE SHOW'. Below this, a circular portrait of Venkat Rajaram is shown. To the left of the portrait, a microphone icon is labeled 'SPEAKER', followed by 'Venkat Rajaram' in large yellow letters, and 'Founder & CEO Cygni Energy' in smaller black text. Below the text is the Cygni logo. At the bottom, a row of logos for supporting organizations is shown, including the Office of the Principal Scientific Adviser to the Government of India, the Ministry of Heavy Industries, the Ministry of Environment, Forest and Climate Change, Manthan, FaMeTN, and the Tamil Nadu Electric Vehicle Task Force.

Entrepreneur
Presents
India EV 2025
Expo & Conference

5th
EDITION

27 28
JUNE, 2025
Chennai Trade Centre
CHENNAI
www.indiaev.org

INDIA'S LARGEST ELECTRIC VEHICLE SHOW

 **SPEAKER**

Venkat Rajaram
Founder & CEO
Cygni Energy



Conference

Supported By

 Office of the Principal Scientific Adviser
to the Government of India

 भारी उद्योग मंत्रालय
MINISTRY OF
HEAVY INDUSTRIES

 Ministry of Environment, Forest
and Climate Change

 Manthan

 FaMeTN
FACILITATING AUTOMOTIVE
TECHNOLOGICAL INNOVATION

 Tamil Nadu
Electric Vehicle
Task Force

We were proud to be part of the **Entrepreneur's India EV Show 2025 – Expo & Conference**, held on **June 27–28 at the Chennai Trade Centre!** ⚡🚗

Cygni delivered an inspiring talk on "**Driving the Future: The Collaborative Role of Startups and OEMs in Automotive Innovation.**"

This session brings together visionaries building the next generation of EV technology and driving meaningful change through collaboration, innovation, and purpose.

Ultra-Fast EV Charging: A New Challenge for the Grid

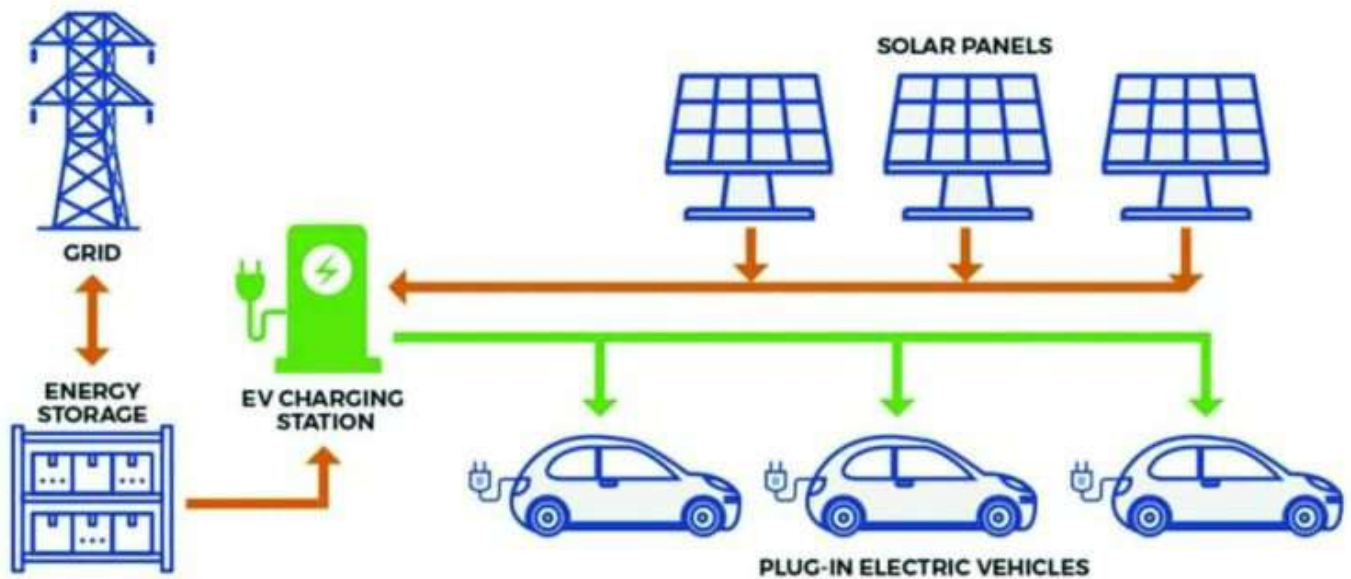


Figure-1: Buffered EV Charging (Source: Cygni Energy)

As EV adoption accelerates and charging speeds push past 150kW — even up to 1MW — we are heading into a new era of unpredictable, high-intensity energy loads that can strain the grid.

In his latest article, Mr. **Gautam Patil**, Cygni Head of Strategy & Investments, discusses these challenges and explores how buffered EV charging — combining local renewable generation, energy storage, and fast-charging infrastructure — can mitigate grid stress and reduce infrastructure costs, especially in remote locations.

[Read The Article Here](#)

IESA-ULSE Webinar- Safer Energy Storage Systems

IESA-ULSE WEBINAR SERIES 2025

BUILDING SAFER ENERGY STORAGE SYSTEMS

SESSION I: KEY GLOBAL STANDARDS AND BEST PRACTICES FOR SAFE
DESIGN AND INSTALLATION OF ENERGY STORAGE SYSTEMS

Our Experts



VENKAT RAJARAMAN
Chief Executive Officer
Cygni Energy Pvt Ltd



ALEX SCHRAIBER
Senior Research Manager
Fire R&D Group, UL Solutions

Open for All

Date & Time: JUN 20, 2025 | 1600 - 1730 (IST)



SCAN TO REGISTER

Contact us: aditi.pathak@ces-ltd.com | richie.stephen@ul.org



The **India Energy Storage Alliance (IESA)** and **UL Standards & Engagement (ULSE)** have jointly hosted a **webinar series** focused on:

"Building Safer Energy Storage Systems – A Key Enabler for India's Net-Zero Targets"

This insightful series will bring together global experts and Indian stakeholders to discuss standards, safety, and best practices for the deployment of **Battery Energy Storage Systems (BESS)** in India.

Cygni was proud to participate in this important opportunity to engage in the ongoing conversation around safe and sustainable energy storage solutions for India.

Find out more

Cygni's Industry-Leading Storage Solutions

Grid scale energy storage solutions



5.1MWh liquid cooled storage (314Ah LFP cell based design)

- 20' container, < 45T
- 1 module (104S x 1P), rack of 4 modules (416S x 1P), 12 racks in a container
- > 9000 cycle life
- 25 years of calendar life
- Up to 2.5MW backup for 2 hours
- Fire suppression system
- UL1973, UL9540, UL9540A, UN38.3, NFPA855



6.25MWh liquid cooled storage (587Ah LFP cell based design)

- 20' container, < 48T
- 1 module (104S x 1P), rack of 4 modules (416S x 1P), 8 racks in a container
- > 9000 cycle life
- 25 years of calendar life
- Up to 3.25MW backup for 2 hours
- Fire suppression system
- UL1973, UL9540, UL9540A, UN38.3, NFPA855

Cygni's energy storage solutions provide a cost-effective and significant benefits for Large Scale BESS System:

- **12+ Year Warranty:** An industry-leading warranty that supports long-term financing options, akin to solar solutions.
- **Local Service Network:** A robust network of service technicians ensures maximum system uptime and reliability.
- **Custom Solutions:** Tailored energy solutions designed to optimize return on investment (ROI).

For inquiries, contact us at info@cygni.com.

[Catalogue Here](#)

The Standalone Energy Storage Market in India



In the first quarter of 2025, Standalone ESS tenders reached 6.1 gigawatts (GW), which accounted for 64% of all utility-scale energy storage tenders, which included all other use cases of ESS such as Standalone ESS, Renewable energy + ESS, and Firm and Dispatchable Renewable Energy (FDRE).

[Download The Report](#)

Industry News

India to boost energy storage 12-fold to 60 GW by FY32, eyes ₹5 trillion investment



India's energy storage sector is set to grow by over 12 times to 60 GW by FY32, driven by a massive increase in variable renewable energy (VRE) and the need to maintain grid stability, according to an SBICAPS report.

🏆 CYGNI SPORTS 2025 🏆

Let the games begin!
Join us for an action-packed celebration of fitness, fun, and friendly competition.

CYGNI SPORTS 2025

LET THE GAMES BEGIN!



#CygniSports2025 #GameOn #OneTeamOneDream

[Subscribe Now](#)

CYGNI ENERGY PVT. LTD.,
SURVEY NO.306, PLOT NO.5,
EMC MAHESHWARAM INDUSTRIAL AREA,
MAHESHWARAM, HYDERABAD-501359



If you wish to unsubscribe from our newsletter, click [here](#)