



Smart storage, Sustainable future



CYGNI DREAMZ

NEWSLETTER - AUG 2025

Dear Team and Stakeholders,

August has been a month of acceleration—both in how we tell our story and in how India's clean energy transition is taking shape. From digital transformation to thought leadership, each milestone reflects our collective drive to innovate, adapt, and lead.

Our new website now reflects who we are today: a company driving energy storage across the spectrum—from utility-scale BESS to C&I, residential, telecom, data centers, and e-mobility. This refreshed platform makes it simpler for customers and partners to explore our solutions and join us in co-creating a sustainable energy future.

Shaping the Conversation

- On the **IESA Chat Show**, we explored how Energy Management Systems (EMS) are enabling smarter, more efficient grids.
- Entrepreneur India's feature "**Turning Voltage into Vision**" spotlighted our evolution from EV battery innovation to BESS leadership.
- On Caspian Climate Conversations, I shared my journey "**From Silicon to Solar**"—a reflection on technology, entrepreneurship, and impact.
- Through our insights series, we discussed how next-gen chemistries, local manufacturing, and modular EMS solutions are shaping **India's energy transition**.

India's Energy Storage Momentum

The market is moving fast: August alone saw 5.4 GWh of new standalone BESS tenders floated, approvals for FDRE tariffs, and greater policy clarity on EMS. This momentum underscores both the opportunities and the urgency of scaling solutions that are reliable, safe, and future-ready.

Let's keep the voltage high and the vision alive.

Warm regards,

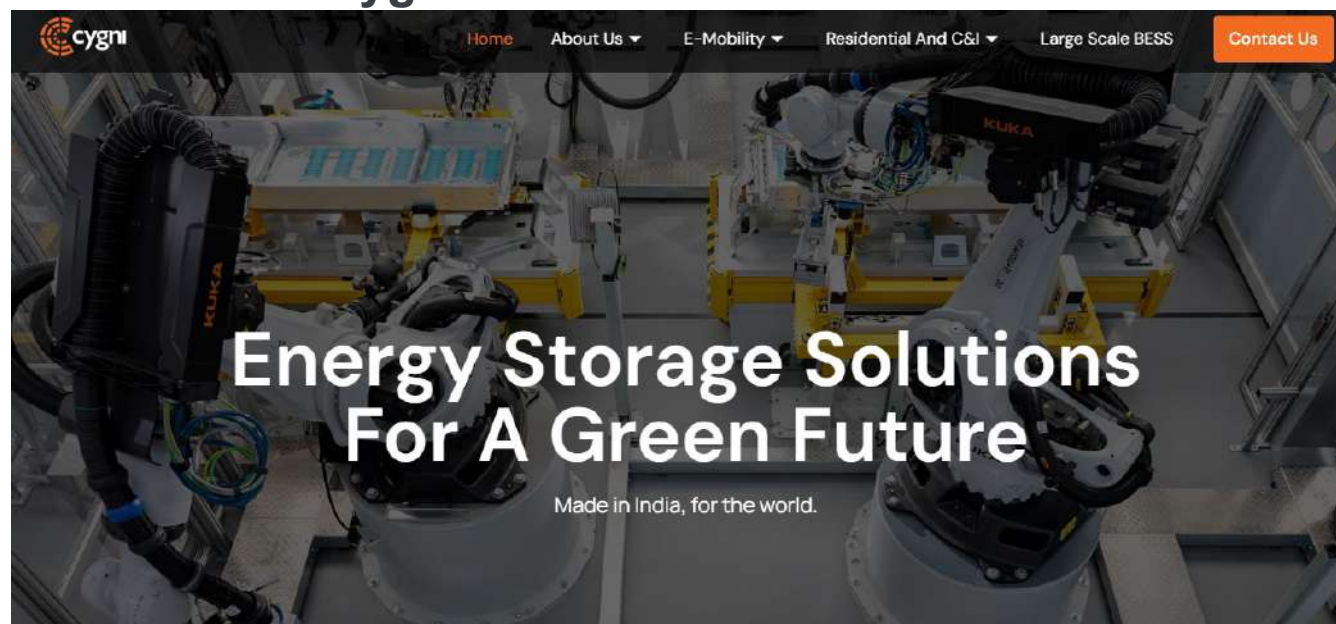
Venkat Rajaraman

Founder & CEO

Cygni Energy Pvt. Ltd.

Cygni in the News

Cygni Launches New Website



We now have an updated digital presence that reflects [Cygni's](#) evolving journey and our expanded focus on delivering cutting-edge **Battery Energy Storage Solutions (BESS)** across diverse sectors. Our brand-new website highlights our comprehensive portfolio of products and solutions, including:

- [Large-Scale BESS](#) for grid and utility applications,
- [C&I \(Commercial & Industrial\)](#) storage systems
- [Residential Energy Storage](#) for sustainable homes,
- [Telecom & Banking](#) backup solutions
- [2W & 3W EV Storage](#) for the e-mobility revolution

This refreshed platform is designed to better showcase how Cygni is shaping the next phase of stationary energy storage and mobility. I encourage you to explore the new site, share your feedback, and help us make it an even more powerful window into Cygni's vision and solutions.

[Visit Us](#)

From Silicon to Solar: Caspian Climate Conversations

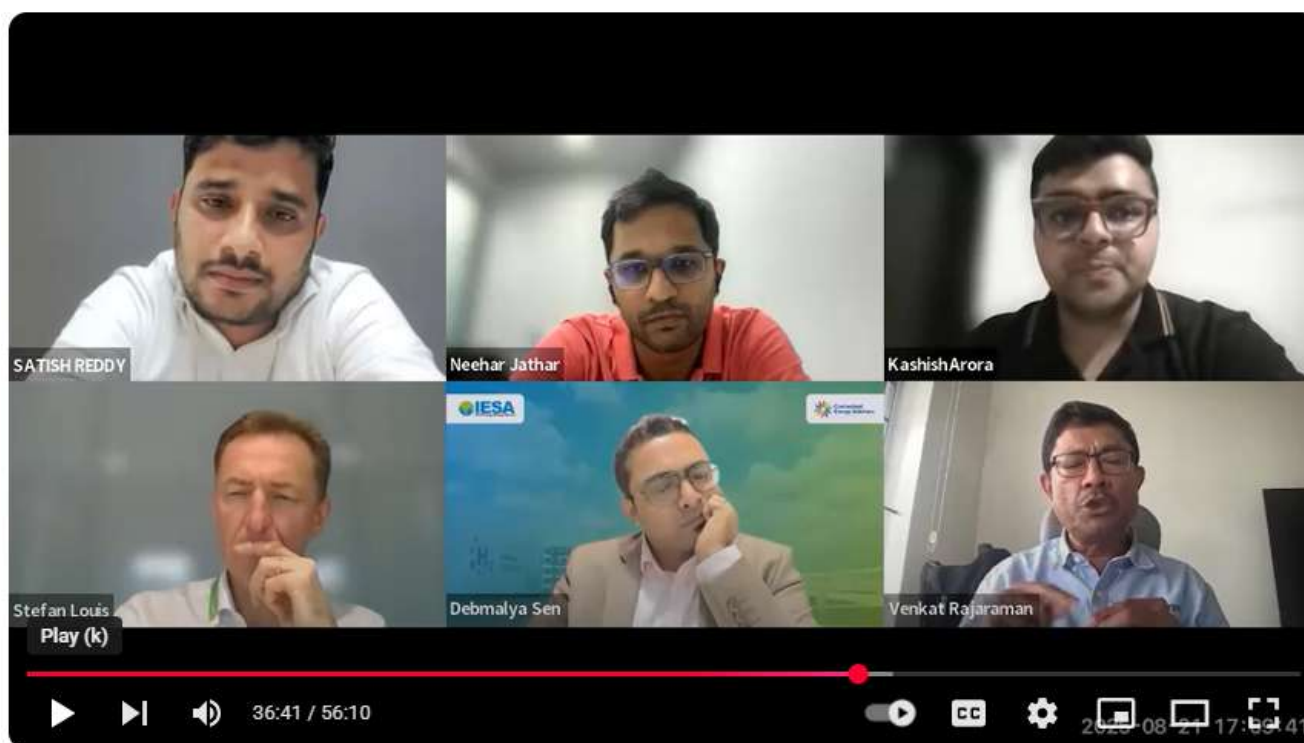


In this episode of [Caspian Climate Conversations](#), host [Sanjoy Sanyal](#) sits down with Venkat Rajaraman, founder of Cygni Energy, for a deep dive into the fascinating journey from semiconductors to renewable energy innovation.

A conversation that spans technology, entrepreneurship, and sustainable impact, this is one you won't want to miss.

[Listen to the full episode](#)

The Future of Energy Management System



IESA Chat Show | Episode 3 – The Future of Energy Management Systems (EMS)

With India’s standalone BESS tenders now requiring EMS software to be developed indigenously, the conversation is shifting from “if” to “how fast.” The real question: is the ecosystem ready to deliver on the 15 GWh already tendered?

Our CEO, Venkat Rajaraman, had the opportunity to exchange views with fellow industry leaders, on IESA Chat Show with host Mr Debmalya Sen, on what this means for technology, execution, and India’s role in shaping the global BESS landscape. Listen in to the full discussion here:

[Watch the full show](#)

Turning Voltage into Vision

Entrepreneur | **the Ξ lectrifiers**
New Mobility Makers



FACTS
Founded: 2014
Employees:
~200
Units Sold:
Over 200,000
batteries
(200 MWh)
Funding Raised:
USD 19.5 Mn

*Turning
Voltage into
Vision*

**VENKAT RAJARAMAN,
FOUNDER & CEO, CYGNI
ENERGY**

Entrepreneur India's article “Turning Voltage Into Vision” spotlights Cygni’s evolution from EV battery innovation to BESS leadership.

Cygni's offerings are impressive, featuring advanced lithium-ion technology, customizable designs, and a robust battery management system (BMS) that prioritizes safety, thermal control, and longevity. From advanced lithium-ion solutions to grid-scale BESS, we're proud to be building the backbone of a sustainable energy future. 💡

[Read the full article](#)

Scale Innovation and Accelerate the Energy Transition

CONVERSATIONS



What is Cygni's core philosophy when it comes to battery technology and innotion? At Cygni, our core philosophy is built on staying ahead of the curve by being chemistry- and form factor-agnostic in our battery manufacturing approach. We recognize that battery chemistry will continue to evolve — from the earlier dominance of NMC to the growing shift towards LFP. Today's LFP cells in the 3xx range (e.g., 314Ah) are already giving way to next-generation high-capacity cells in the 5xx to 10xx range (like 587Ah to 1085Ah). Looking ahead, we anticipate further breakthroughs in Sodium-Ion, Lithium-Sulphur, and solid-state batteries with solid electrolytes offering enhanced safety and performance.

At Cygni, we’re building **future-ready, adaptable & secure energy storage systems** to power India’s clean energy transition.

⚡ **Shifts in motion:**

- NMC → LFP → Next-gen chemistries (Na-ion, Li-S, Solid-State)
- Rise of BESS for grid stability & EVs
- Local manufacturing (PLI, ACC-PLI, ALBM)
- Smart EMS & modular storage

Innovation today, for a resilient tomorrow. 🌍

[Read the full interview](#)

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).

Industry News

India Energy Storage Market Update – Aug 2025



🔋 India's storage story is scaling fast! ⚡

⚡ MoP updates VGF: EMS software + no refurbished batteries

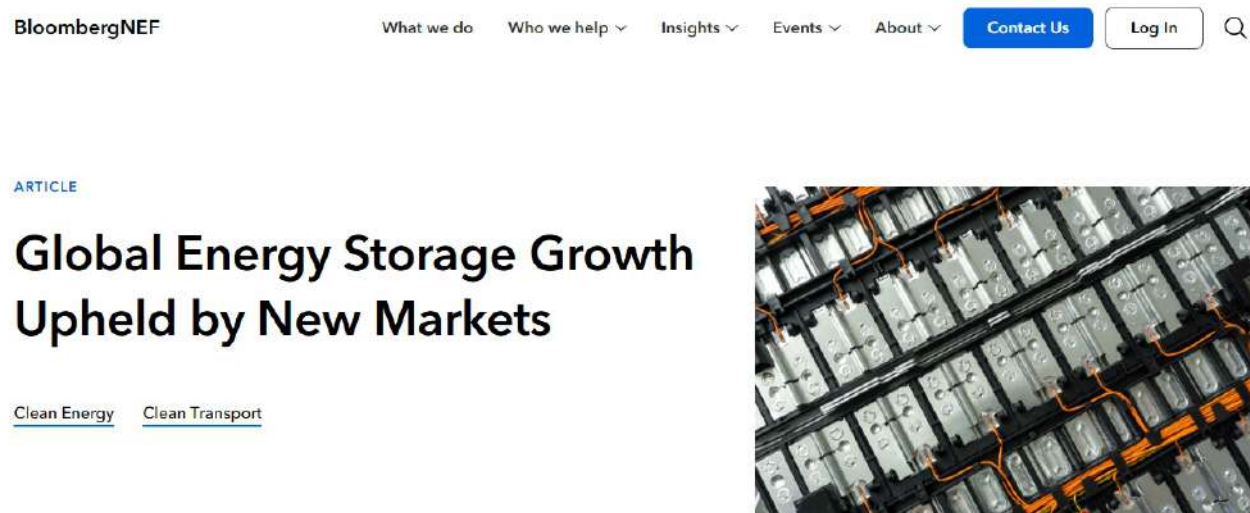
⚡ 300 MWh BESS + 250 MW FDRE tenders awarded

⚡ CERC approves ₹4.25/kWh for SJVN FDRE

⚡ 5.4 GWh of new standalone BESS tenders floated!

[Download the Full Report Here](#)

BNEF - Global Energy Storage Growth



The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, the sector continues to grow as developers push forward with larger and larger utility-scale projects.

[Read The Bloomberg NEF Article Here](#)

Upcoming

Energy Transition Summit India

FT LIVE

Venkat Rajaraman

Chief Executive Officer,
Cygni Energy

ENERGY TRANSITION SUMMIT INDIA

16 - 17 September 2025 | In-Person & Digital
Taj Mahal Hotel, New Delhi | #FTEnergy

Use code **SPEAKER20** to save 20% off your pass



Do join us at the Energy Transition Summit India, hosted by FINANCIAL TIMES - **FT LIVE**. 🌍⚡

This premier global platform will convene industry leaders to explore innovations driving the clean energy transition.

📅 16–17 September 2025

📍 Taj Mahal Hotel, New Delhi | In-Person & Digital

Be part of the conversation shaping the future of sustainable energy. ✨

[See the full Agenda here](#)

Nasscom Design and Engineering Summit 2025

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summit 2025

#NasscomDES25

MEET OUR SPEAKER



Venkat Rajaraman

Cygni Energy

Sept 11-12 | Sheraton Grand, Bengaluru

REGISTER NOW

The way India powers up in the next decade will play a defining role in how the world powers down on carbon.🌍⚡

📍 Join us at #NasscomDES25 — let’s reimagine the future of energy together!

📅 11–12 September 2025

📍 Sheraton Grand Whitefield, Bengaluru

Visit the NASSCOM DES 2025 Site Here

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