



Dear Team and Partners,

September has been a month of powerful conversations, meaningful recognitions, and decisive momentum toward India's clean energy future. From global summits to deep-dive technical dialogues, one message echoed across every platform — energy storage is no longer a support system; it is the backbone of the transition.

At the ***FT Energy Transition Summit India 2025***, I had the privilege of joining a high-impact panel on “Electric Vehicles – Developing an Ecosystem for Rapid Growth.”

India's EV adoption has crossed 7.5% of new vehicle sales, and the public charging network has grown from 7,500 to 25,000+ stations in just a year — fuelled by private innovation, storage-backed infrastructure, and renewables-led design thinking.

At ***NETRA's 15th Council Meeting***, our Head of Strategy, Gautam Patil, highlighted how BESS is evolving from capex-heavy assets to energy-as-a-service models — unlocking faster adoption for India's industrial sector.

At ***NASSCOM Design & Engineering Summit 2025***, I delivered a keynote on “Batteries Beyond Chemistry – The Design & Engineering Frontier.”

Innovation today is no longer just about chemistry, but the convergence of:

- Thermal & Structural Engineering
- Smart Electronics & Safety Logic
- AI-Driven Intelligence & Lifecycle Prediction
- Circularity & Second-Life Readiness

At ***Climafix Summit 2025***, I was humbled to be recognised for Cygni's work in accelerating solar + storage adoption.

“Real sustainability isn't built in silos — it happens when innovators across sectors come together to electrify, decarbonise, and digitise the future.”

Market Signals Are Strong — And We're Ready

India's BESS outlook is stronger than ever — with mounting investor interest and a national push toward 500 GW of non-fossil capacity by 2030. But as deployment rises, reliability, serviceability, and scalability will decide the real winners.

Cygni will not just participate in India's energy transition — we will power it.

Let's continue to build with conviction, innovate with purpose, and lead with impact.

Warm regards,

Venkat Rajaraman

Founder & CEO

Cygni Energy Pvt. Ltd.

Cygni in the News

Cygni at the FT Energy Transition Summit India 2025



Cygni Energy was proud to participate in the *Energy Transition Summit India*, hosted by **Financial Times – FT Live** on **16–17 September 2025** at the Taj Mahal Hotel, New Delhi.

Our CEO, **Venkat Rajaraman**, joined an industry-leading panel on:

“Electric Vehicles – Developing an Ecosystem for Rapid Growth”

Key Insights from the Session

- **EV adoption in India has reached 7.5% of new vehicle sales** in 2024, but achieving the national target of **30% by 2030** will require **coordinated action across policy, infrastructure, and supply chains**.
- India’s **public charging network expanded from ~7,500 to 25,000+ stations** in just one **year**, driven largely by private players and RE + storage models.
- The next leap depends on **standardised charging protocols, grid readiness, and capex-light deployment models** for both urban and highway ecosystems.
- On the battery front, the panel emphasised **localising the entire value chain—from cell manufacturing to recycling—to build long-term resilience**.

“India’s EV train has already left the station — now we must ensure it runs on a reliable, sustainable, and locally powered energy backbone.”

— **Venkat Rajaraman**, CEO, Cygni Energy

[Watch The Session Here](#)

NETRA– Advancing Energy Storage for C&I



NET ZERO
ENERGY
TRANSITION
ASSOCIATION

WEEKLY COUNCIL MEETING

EVERY THURSDAY
DATE: 25TH SEPT 2025

Time: 7:30 PM IST || 10:00 AM EDT ||
03:00 PM BST || 11:00 PM ACST



ENERGY STORAGE FOR COMMERCIAL & INDUSTRIAL SECTOR

Panellist



Manoj Pande
Managing Director,
Statcon Energiaia



Gautam Patil
Head of Strategy
and Investments,
Cygni Energy



Abhisek Nayak
(AVP-ESS),
Geon Energy



Akash Kaushik
Co-Founder,
Good Enough Energy



Neta Walawalkar
VP, NetZero Energy
Transition Association

Moderator:

OUR COUNCILS



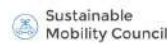
Advanced Battery
Council (ABC)



Policy &
Standards Council



Grid+
Council



Sustainable
Mobility Council



Climate
Investment Council



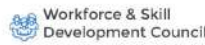
Manufacturing Supply Chain
& Circular Economy Council



Research Development &
Demonstration (RD&D) Council



Clean Industry
Transition Circle



Workforce & Skill
Development Council

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Cygni Energy was honoured to be part of the **15th Online Council Meeting** organised by the **Net Zero Energy Transition Association (NETRA)**, under the **Advanced Battery Council** and **Clean Industry Council**.

Representing Cygni, **Gautam Patil** shared insights on how **Battery Energy Storage Systems (BESS)** are evolving from **capex-heavy assets** into **performance-driven, energy-as-a-service models** — enabling faster, more accessible adoption across India's industrial landscape.

Nasscom Design and Engineering Summit 2025



Cygni Energy was honored to be participated at **#NASSCOMDES25**, held on **11–12 September 2025** at the Sheraton Grand Whitefield, Bengaluru.

Our Founder & CEO, **Venkat Rajaraman**, delivered a keynote on:

Venkat’s core message was simple yet powerful:

“It is all about the battery — but not just the chemistry. True innovation happens when chemistry, mechanics, electronics, and AI converge.”

The talk explored the next evolution of battery engineering across four critical dimensions:

- **Thermal & Structural Resilience** – Batteries must withstand vibrations, heat cycles, and mechanical stress throughout their lifecycle.
- **Electronics & Safety Systems** – From *SoS/SoF monitoring to fault isolation*, safety engineering is becoming deeply software-defined.
- **AI-Driven Intelligence** – Batteries are no longer passive components — they are **dynamic data sources** powering insights for *energy trading, insurance, and operational intelligence*.
- **Circular Design & Second Life** – With **battery passports and digital tracking**, AI is enabling *lifecycle prediction and reuse at scale*.

[More Details](#)

Cygni's Industry-Leading Storage Solutions

RESIDENTIAL & COMMERCIAL SOLUTIONS

RESIDENTIAL SOLUTIONS



Cygnet 100W

Nominal rating: 51.2V 100Ah
Rated energy: 5.12kWh
Rated power: 5kW
Cycle life: 6,000
Paralleling: Up to 4 packs to get 20kWh



Cygnet 100R

Nominal rating: 51.2V 100Ah
Rated energy: 5.12kWh
Rated power: 5kW
Cycle life: 6,000
Paralleling: Up to 8 packs to get 40kWh

COMMERCIAL SOLUTIONS



Slim Stack (51.2kWh)

Nominal rating: 512V 100Ah
Rated energy: 51.2kWh
Rated power: 50kW
Cycle life: 6,000
Paralleling: up to 250 kWh

Reliable LFP Battery Solutions

- Local service for all components including inverters
- Superior round trip efficiency
- Can be integrated with existing Solar solutions
- Ultra long life cycle LFP cells

**Complete powering solutions
and customizable as per
the demand**

Climafix Summit 2025



Cygni Energy was proud to be participated at **Climafix Summit 2025**, a platform dedicated to real-world solutions in **climate innovation, clean technology, and sustainability impact**.

Our Founder & CEO, **Venkat Rajaraman**, was recognised for **advancing solar and energy storage solutions** that are accelerating renewable energy adoption across India.

“Real sustainability isn’t built in silos — it happens when innovators across sectors come together to electrify, decarbonise, and digitise the future.”

— **Venkat Rajaraman**, Founder & CEO, Cygni Energy

Cygni remains committed to **powering India’s transition to clean energy** through **scalable storage, solar integration, and grid-ready infrastructure**.

Industry News

India BESS Outlook: Promising Early Progress and Ample Opportunities



India has recognised the importance of battery energy storage systems (BESS), and its promising outlook has prompted foreign investors to give the market serious consideration. The country remains

on track to have 500 GW of installed electricity capacity from non-fossil fuel sources by the end of the decade. However, having adequate power storage is equally important.

[Read Here](#)

Cygni- BESS Product Catalogue



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