



CYJNI DREAMZ

NEWSLETTER - AUG 2023

Dear Team,

I hope this message finds you in good health and high spirits. As we navigate through the dynamic landscape of our industry, I'm pleased to share some significant developments from the past month that underscore our commitment to excellence and progress.

In the India Today Magazine, INDIA @100 Special August Edition, an article was shone a spotlight on Cygni as one of the change-makers in India's thriving Energy Batteries sector. It's a testament to our relentless pursuit of innovation and sustainability, and we are proud to be acknowledged in this prestigious publication.

Advocating on Sustainable Energy in the Economic Times: I had the privilege of contributing an authored article titled "Why We Should Get Serious About Mining Critical Minerals for Clean Energy" in the Economic Times. This platform allowed us to share my insights and emphasize the critical importance of responsible mineral mining in the pursuit of clean energy solutions.

Exploring India's Battery Materials Space: Powered by Cygni Energy Private Limited and Epsilon Advanced Materials Pvt Ltd, we hosted a live webinar with EV Reporter titled "India's Battery Materials Space" This engaging session brought industry experts together to discuss how various organizations are building the capabilities necessary to supply essential cell components. We delved into their challenges and outlined a roadmap towards customer qualification. It was an enlightening exchange of ideas and strategies.

As an initiative, Cygni prioritized our employee Health: As a "Focus on your health. It is never Too Early or Too Late to work towards being the Healthiest You!". Employee well-being is paramount to us. With this in mind, we organised a Health Camp for all employees including House-keeping, security, contingent employees.

Enhancing Safety through Training Initiatives: Safety is not just a priority; it's a core value. To further strengthen safety awareness and practices among our team, we have commenced safety training programs to each one of our employee. These efforts are essential to ensuring a secure and thriving work environment for every member of our Cygni family.

In closing, I firmly believe that these initiatives are pivotal in our company's journey towards continued success. Let us come together, united in our commitment to embrace and support these endeavors.

Thank you,
Venkat Rajaraman
CEO / Founder
Cygni Energy Pvt. Ltd.



The Change Makers - Batteries: All charged up

India Today magazine dated 28-Aug-2023 is a special edition on "The revolutions needed in 10 key sectors in India". The Energy Batteries is one such revolution highlighted and Cygni Energy is proud to be featured in this article.

Batteries are critical to India's plans to cut oil bills and generate 500 GW of green energy by 2030. Battery technology involves advanced chemistries and electronics, and India has to rapidly create an ecosystem for that, if it has to do justice to its quest for higher energy density. The key approaches in this direction are to replace today's graphite anodes with lithium metal and liquid electrolytes with solids.

[Read Full Article](#)



Webinar- India's Battery Materials Space

In association with Cygni Energy, EV-reporter hosted an insightful webinar on **India's Battery Materials Space and the roadmap to customer qualification**. The discussion was extremely informative and shed light on the critical aspects of battery technology development in India. Kudos to the panelists for their valuable insights for fostering knowledge sharing in the electric vehicle industry.

[Watch the Webinar Here](#)



ET Article - Why We Should Get Serious About Mining Critical Minerals.

Our opinion piece on "Why we should get serious about mining critical minerals for clean energy". Thanks **The Economic Times** for publishing this. Mining of critical minerals is perceived as a "zero-sum game" due to limited global reserves and intense competition for these critical minerals. Indian Government recently passed the Mines and Minerals (Development and Regulation Amendment) bill in July 2023.

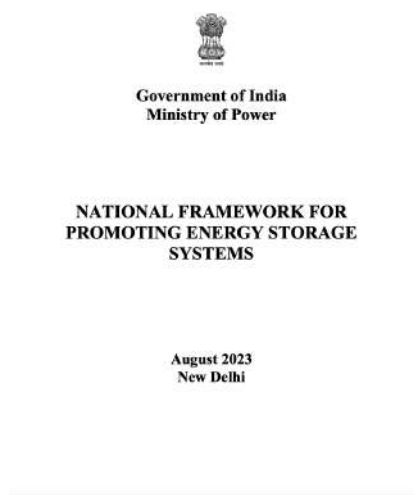
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NATIONAL FRAMEWORK FOR PROMOTING ENERGY STORAGE

Ministry of power releases comprehensive framework to transform India's energy storage landscape.

The blueprint encompasses a spectrum of measures, from financial incentives to regulatory revisions, aimed at fostering the development of ESS. One of the most significant proposals within this framework is the introduction of Viability Gap Funding (VGF) support for Battery Energy Storage Systems (BESS) projects. The primary goal is to ensure that the Levelized Cost of Storage (LCOS) remains competitive, making BESS a practical and cost-effective solution for addressing peak power demands.

[Download Here](#)





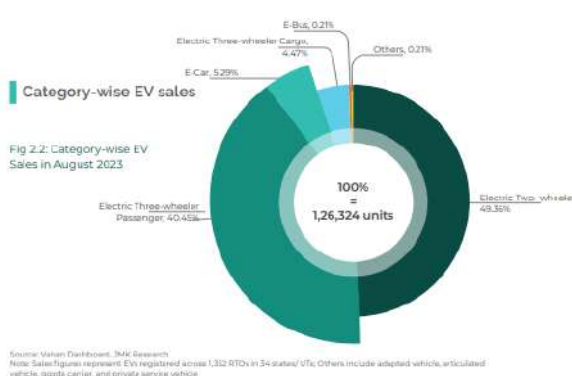
Government is working on giving incentives to EV industry

The government has been working on providing various incentives for the electric vehicle (EV) industry in order to achieve India's sustainability goal of bringing down carbon emissions, said Prime Minister Narendra Modi that ranged from the G20 to global issues, the economy and more.

[Read Here](#)

Cygni Greenfield Project – Giga Factory

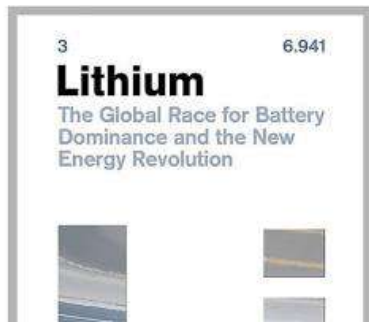
Cygni is setting up a Battery Gigafactory in EMC Maheshwaram (Hyderabad), with a 1.2GWh capacity and having the capability to produce about 500,000 battery packs a year. This facility would be one of its kind, state-of-the-art manufacturing facility with fully automated production lines, increasing the TAT and operational efficiencies. Please click the link below for the rendered view:



EV Sales

EV registrations in August 2023 were again predominantly driven by electric two-wheelers and passenger-type electric three-wheelers, which together accounted for 89.81% of total registrations in the month.

Book Review



Lithium: The Global Race for Battery by Lukasz Bednarski

A global energy revolution is unfolding before our eyes: ever-growing numbers of electric vehicles on our roads, laptops that last all day on a single charge and solar panels on our roofs, all reliant on lithium-ion batteries. This revolution is happening at breath-taking speed, with the potential to completely transform key industries and the way we live. For the first time in history, we can now actually store this green energy we talk so much about. Often referred to as 'the new oil', lithium allows large amounts of energy to be squeezed into a very small space.

Cygni @ Health Camp

We place a paramount emphasis on the well-being of our team by hosting a complimentary health camp right at our office premises, firmly believing that "health is the greatest gift". It was an occasion when everyone recognized the value of investing in their health, acknowledging it as their most precious asset.



Cygni Celebrate - Independence Day

At Cygni, our observance of Independence Day reverberated with the essence of freedom, instilling a profound sense of liberty within our hearts, spirits, and physical beings. We took great pride in adorning the workplace with the tricolor flag and embraced the significance of this special day by donning traditional attire in the tricolor.



Liberty unites, empowering success, igniting "Power a Billion Dreams"

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