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**CYGNI Power Batteries** will  
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### Go for Cygni EV Batteries! Let's Bring The Change!

Cygni 2W & 3W batteries are high capacity Lithium-Ion battery, that are available in lightweight and compact designs. Show that you care for the environment. Don't burn your wallet per kilometers, Switch to the electric with Cygni powered Electric Vehicles.

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### Future of Energy Storage

Cygni Energy's Battery Energy Storage Systems (BESS) are best suited for Behind-The-Meter (BTM) applications for Commercial, Industrial and Telecom applications.

- \*Game changing battery technologies
- \*Remote monitoring and server integration for NOC
- \*Ability for quick customization to meet customer needs



## Cygni Team @ RenewX



### **EV Decade is here and Batteries will be pivotal in India's EV transition**

Battery technology is progressing on several fronts. On the Energy Cost, the trend is moving away from Cobalt, due to cost and safe mining concerns. Removing C (Cobalt) from NMC (Nickel-Manganese-Cobalt) chemistry has been a key focus of research. Read about our Opinion Piece in the link below:

[Read Here](#)



### **Efficient solar-storage hybrid solutions are the need of the hour.**

Thanks to the Economic Times for publishing, "Efficient solar-storage hybrid solutions are the need of the hour" insights by our CEO. Energy Storage System (ESS) is fast emerging as an essential part of the evolving clean energy systems of the 21st century. Energy storage represents a huge economic opportunity for India.

[Read Here](#)

## ELECTRIC VEHICLES



**Venkat Rajaraman**  
Founder and CEO,  
Cygni

### Are Batteries Enough to Fulfill the PROMISES?

*Battery quality and its ability to deliver on all the parameters critically and other critical components. With very little entry barrier, many of them are not be trusted for its quality. Sourcing components from tier-1 suppliers is a procurement challenge.*

## Are Batteries Enough to Fulfill the Industry's EV PROMISES?

Among the other hurdles in ramping up LIB production is the fast emerging scenario of global LIB raw material shortage. Supply chains will be another major bottleneck with most of them located in China. In spite of this, we believe EV industry will attain maturity levels surpassing the ICE industry at a fraction of the time and be capable of delivering high performance EV batteries in scale sufficient to meet the demand.

[Read More](#)

## India is projected to emerge as top market for energy storage

Challenges faced by the energy storage market in the power sector, Mr. Venkat Rajaraman, Founder & CEO, Cygni, says that it is the perception that Battery storage systems are very expensive, despite the fact that over the last decade the prices of Lithium-ion batteries have dropped steeply, by over 90 percent.

[Read Here](#)

## Govt plans 30% EV sales penetration for private cars by 2030: Nitin Gadkari

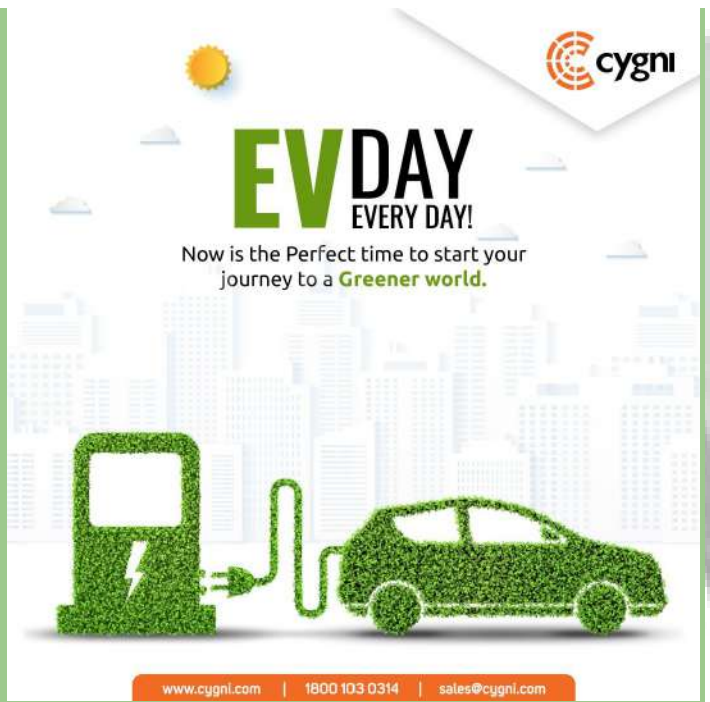
The government is also aiming to attain 70 per cent EV sales penetration for commercial vehicles and 80 per cent for two- and three-wheelers by 2030.

[Read More](#)



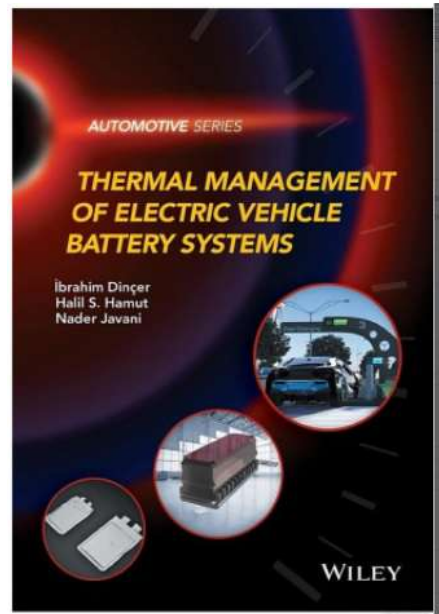
**"Quote Of the Month"**





**Book of The Month- Thermal Management of Electric Vehicle Battery Systems** by Ibrahim Dinçer, Halil S. Hamut, Nader Javani

This book provides the reader with the necessary information to develop a capable battery TMS that can keep the cells operating within the ideal operating temperature ranges and uniformities, while minimizing the associated energy consumption, cost and environmental impact. The procedures used are explained step-by-step, and generic and widely used parameters are utilized as much as possible to enable the reader to incorporate the conducted analyses to the systems they are working on.



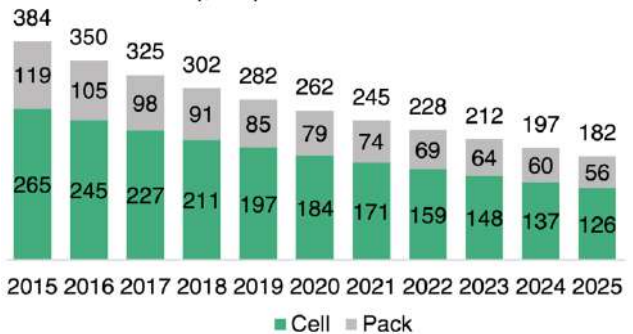
**Spot the Difference**



**Li-Ion Battery Price Trend**

**Battery Prices Keep Tumbling**

Lithium Ion Forecast (\$/kWh)



## Upcoming Activities- DEC 2021



### IAMS- 2021

Our Founder & CEO Mr. Venkat Rajaraman, will be a keynote Speaker at the 3rd edition of the International Automotive Manufacturing Summit, 2021! Register now to hear his valuable insights!

[Register Here](#)

### Celebration: Christmas And New Year

This year Cygni is planning to celebrate Christmas and New year at the office with lots of joy and fun making events. 2020 marks the end of a decade and a powerful start to win a world filled with possibilities.... It's the most wonderful time of the year! The Christmas cheer is already here and we can't wait to welcome the new year. We wish all of you, Merry christmas and Happy new year!



### Cygni Celebrate: Children's Day





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