



**Customized
Energy Solutions**

Analyze · Simplify · Implement



Market Intelligence
Reports (Annual)



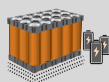
Emerging Technology
Review Reports (Annual)



Storage IQ (Monthly)



Electric Vehicle Tracker
(Quarterly)



Battery Cell and Pack
Testing Service



Simulation Tool for
Microgrids

Emerging Tech Subscription Services

Your Gateway to Markets & Technology insights

INDIA & ENERGY STORAGE BOOM

In the wake of the Electric Vehicle and Energy Storage boom in India, the market for advanced battery storage systems is forecasted to reach a cumulative potential of 800 GWh during 2021-2030, which is a US\$ 53,000 Bn opportunity for advanced battery cell manufacturers. The sector is alive with market participants across the value chain making milestone decisions that determines the future of the company in this decade.

Why CES?

CES' Emerging Tech Subscription Package is a concoction of market intelligence, future projections, technology updates and review, battery testing services and simulation tools in energy storage, electrical vehicles and clean-tech space.

CES' offerings are targeted at

New market entrants in EV or storage segments

- ▶ Investors exploring opportunities and understanding trends
- ▶ Companies looking for potential JVs or partnerships
- ▶ Energy Storage Customers looking for suitable RE +battery solutions
- ▶ Customized battery cell or pack testing services offered to OEMS in EV, UPS, Inverter, Telecom Power Providers etc.

INDIA ET SUBSCRIPTION SERVICE- What is covered?

Customized Energy Solutions launches a new set of packaged services christened 'Emerging Tech Services' to companies in or planning to enter the Energy Storage, Electric vehicles, Charging Infrastructure segments in India.



Benefit to Customers?

- ▶ Bundled services offer higher value addition compared to single report as some of the deliverables are monthly or quarterly.
- ▶ Bundled services are offered at a high discount rate.
- ▶ New offered services such as Battery testing, and license to software tools for cost benefit analysis of battery storage systems enable prospective customers to take informed decisions about their investments.

INDIA ET SUBSCRIPTION CONTENTS



Market Intelligence Reports (Annual)

- ▶ CES offers annual reports on Emerging technology markets in India.
- ▶ Electric Vehicles, Batteries and Components.
- ▶ EV Charging Infrastructure Market.
- ▶ Front-of-meter Stationary Energy Storage market.
- ▶ Behind-the-meter Stationary Energy Storage Market.
- ▶ Thermal Energy Storage market.



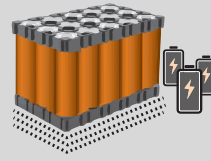
Emerging Technology Review Reports (Annual)

- ▶ These Reports cover all major technologies globally in stationary storage and Electric vehicle space which are currently commercially available or in the final development stage.
- ▶ Emerging Tech Review Report on Stationary Applications.
- ▶ Emerging Tech review Report on E-mobility.



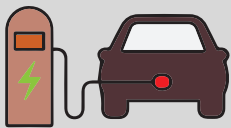
Storage IQ (Monthly)

- ▶ This is a monthly issue from CES intended to inform the subscribers of the latest news and updates in the storage, Electric vehicle and Ev charging markets in India. Following information is covered in the Storage IQ
- ▶ Policy/regulations/ Important dates and meetings
- ▶ Status of all tenders and ongoing projects
- ▶ Battery raw material price trends
- ▶ IEX price trends
- ▶ Other critical Industry news



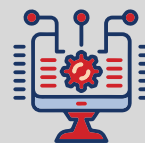
Battery Cell and Pack Testing Service

- ▶ CES performs battery cell and pack testing services to the customers.
- ▶ Claim Validation tests : Companies that are planning to invest or build own products can approach us to get the battery cells tested to validate the claims on cycle life, energy density, efficiency etc, as per technical specification sheet.
- ▶ Application Customized tests: The cells are tested in customized test conditions to analyse the performance of the cell/pack.



Electric Vehicle Tracker (Quarterly)

- ▶ The analysts in the ET team work hard to capture quarterly market data from various companies across the EV value chain in India on a quarterly basis. Data is primarily collected from the following sectors:
- ▶ Electric vehicle OEMs
- ▶ EV charging infrastructure suppliers and Charge service providers
- ▶ EV battery OEMs
- ▶ EV component suppliers



Simulation Tool for Microgrids

- ▶ CES has an inhouse simulation tool called CoMETS Competitive Markets Evaluation Tools for Storage. CoMETS – MICROGRIDS is a model that help technology and project developers evaluate and optimize energy storage resources for grid-connected and behind-the-meter storage applications. .
- ▶ This is ideal for estimating business case of storage in various applications.

CUSTOMIZED ENERGY SOLUTIONS

Providing Energy Management Solutions Since 1998

Our consulting services enables competitive suppliers, technology providers, marketers, utilities and customers to prosper through change, by turning knowledge into value.



PHILADELPHIA

12,000 MW

ASSET
MANAGEMENT

250 MW

STORAGE ASSET
MANAGEMENT



2014 & 2016

1998

ESTABLISHMENT

500+

CLIENTS
WORLDWIDE



11 TIMES HONOREE

Over 250 Associates across 9 Regional offices in United States, Canada, India, Japan & Mexico.

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