

Webinar 4

On

HYDROGEN BY ELECTROLYSIS OF WATER

By

Mr.Ranga Rao N

General Manager – Process and TIS (Technologies)
THYSSENKRUPP INDUSTRIAL SOLUTIONS (INDIA) PVT. LTD.

- Different routes for production of Hydrogen
 - Hydrogen generation via water electrolysis – different methods
 - ThyssenKrupp Alkaline Water Electrolysis technology
 - Brief design features of Electrolyser
 - Water Electrolyser system configuration
 - Typical economic details for Hydrogen production
 - Utilization of Hydrogen to downstream value added products
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Webinar 5

on

ADVANCED ENERGY STORAGE MANUFACTURING OPPORTUNITIES

by

Dr Rahul Walawalkar

Policy, Technology & Market Drivers for India

With a strong policy support from Indian government, India is emerging as one of the fastest growing markets for energy storage. IESA anticipates the Indian market will deploy 500- 600 GWh of energy storage across stationary and mobility applications during 2021-2027. Considering this demand Indian government has launched Advanced Chemistry Cell Battery Manufacturing PLI (Production Linked Incentive) in May 2021. Apart from incentivizing 50 GWh of ACC battery manufacturing capacity, Demand generation is a key focus of this PLI. Since launch of the ACC PLI, Indian regulators, CERC has already issued draft ancillary services regulations, there is also renewed focus on hybrid RE+storage tenders and India has also revamped the FAME-2 incentive scheme for electric vehicles. This presentation will provide overview of the policy and regulatory framework in India and highlight opportunities for collaboration between Industry and academia.

Webinar 6
on
**ESG (ENVIRONMENTAL, SOCIAL, AND GOVERNANCE) INNOVATIONS IN
THE ENERGY STORAGE / ELECTRIC VEHICLE SECTOR**
by
Dr. Richard Lobo
Asst. Vice President, Head Innovation and CQH (Business Excellence)
Tata Chemicals Limited.

With the EV revolution taking the world by storm, ESG (Environmental, Social and Governance) – will make up the criteria that will measure a company and country's sustainability and ethical impact. There are a number of innovations in ESG today from raw material sourcing, Green tyres, Battery Management AI and battery end of life - repurpose /reuse/recycle. The topic will shed light on these innovations and provide perspective for attendees to consider careers/commercial pursuits in the area.