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Ministry of Power  
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**ieema**  
your link to electricity

15th Edition  
**ELEC RAMA**  
Powering the Future of Energy



NEW ENERGIES

NET ZERO &  
SUSTAINABILITY

CAPITAL RAISE

**eTECH****nxt**  
18-22 February, 2023  
Delhi NCR, Hall 2 & Hall 4

**ACCELERATING TOWARDS A CLEAN &  
SUSTAINABLE ENERGY TRANSITION**

CONFERENCE

SHOWCASE

&

NETWORKING

## ENGAGE

in technical sessions led  
by global experts

## NETWORK

with industry and  
government

## WITNESS

the latest trends and  
world-class products on display







## OVERVIEW

Energy transitions driven by the need for **“Deep De-carbonisation”** are now underway globally.

At one level this needs radically different approaches to ensure a reduction of fossil fuel based energy generation, massive growth in generation of clean energies including renewables and green hydrogen, their storage, carbon capture, new T&D techniques etc.

At another level this will be combined with “Intensive Electrification” of end uses of the major fossil fuel consuming sectors such as automobiles & transportation, industry etc.

Electricity is thus clearly emerging as the dominant source of energy in future. ***In India, this phenomena is expected to increase per capita electricity consumption from the current 1100 kWh to around 10,000 kWh by 2047.*** This is an unprecedented and unique opportunity. It will propel and accelerate growth across all segments of the electrical industry.

# ABOUT eTECHnxt

eTECHnxt is a powerful platform for businesses, entrepreneurs & engineers who are keen to participate and create major business value in the energy transition journey.

## TRACK 1 NEW ENERGIES

The New Energies is all set to play a vital role in re-defining the Energy mix to make India energy-secure. This will ultimately boost investment to achieve an efficient, sustainable, and clean energy system.

This track makes discussion on concerted efforts towards reducing energy import, ensuring an alternative supply of energy and enhancing domestic supply. It is focused on strengthening the energy infrastructure and resolving cross-sectoral issues. Also focused on Opportunity and challenges pertaining to the new energy segment in following domains:



### EV CHARGING ECOSYSTEM

- ▶ Inadequate charging infrastructure
- ▶ Risk of grid overload
- ▶ High-carbon grid profile
- ▶ Finite critical minerals and rare earth metals
- ▶ Smart and flexible charging
- ▶ Battery monitoring, analytics and recycling
- ▶ Smart energy management for effective EV load management



### BATTERY & ENERGY STORAGE

- ▶ Challenges and Opportunities in LIB Energy
- ▶ New Technology Batteries.
- ▶ Dimension of Battery
- ▶ Safety issues in Battery
- ▶ Battery swapping challenges



### FUEL CELLS & GREEN HYDROGEN

- ▶ Production Challenges
- ▶ Storage Challenges
- ▶ Transport and Distribution of Hydrogen
- ▶ End-use of Hydrogen



### RENEWABLE AND ENERGY MIX

- ▶ Round-The-Clock Renewable Energy Projects with Battery Storage
- ▶ Intermittency in Solar and Wind Projects.
- ▶ Policy wise changes required.



## TRACK 2

# NET ZERO & SUSTAINABILITY

At the 26th Conference of Parties (COP26), Prime Minister Narendra Modi committed India to a Net-Zero carbon emissions target by 2070.

Involving and adopting the Net Zero Buildings and Net Zero Industry will lead us to net-zero carbon. India is witnessing tremendous growth in the construction and industrial sector. The sector is a critical contributor to climate change and has a significant role in climate action to limit the rise in global warming.

Giving more emphasis on healthier living and working spaces, there is a huge requirement for retrofitting and renovating existing factories, buildings, and interiors towards making them 'Green' in order to attract and retain tenants. India is becoming a global Data Centre Hub and it should work towards developing infrastructure for Green Data Centres.

IEEMA members have a greater opportunity in the Green & Net Zero initiatives across Industries, Buildings & built environments for the next 3 decades.



### NET ZERO ENERGY BUILDINGS:

Net zero energy buildings help mitigate climate change by significantly reducing emissions from energy use. They produce as much energy as they consume and the energy produced could be a mix of onsite and renewable energy sources offsite.

Net zero energy buildings offer a feasible way to reduce energy consumption and enable lifetime reduced maintenance costs. The design and construction of these buildings are planned, so that they generate all the energy they need by combining energy-efficiency and renewable energy technologies.



### NET ZERO INDUSTRY:

The net zero industry transition work that the Mission Possible Partnership supports in the seven hard-to-abate sectors of aviation, shipping, trucking, steel, aluminium, concrete and chemicals, gives us a powerful and tangible example of where we need to be by the end of this decade.

To reach these targets, both at an industry and global level, levers in five crucial areas must be considered – supply side, demand side, finance, policy-making and just transition. As an example, early movers from automotive, construction and renewable energy sectors are lining up to signal demand for green steel.

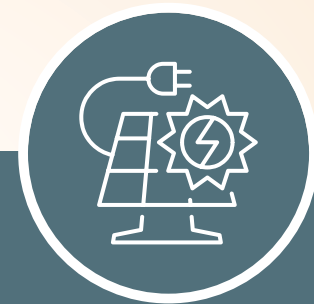


## TRACK 3 CAPITAL RAISE

The cost of capital provides a critical benchmark to assess the risk and return preferences of **investors and the pricing of money in the wider economy**, and can act as a lever for financial flows to influence prices and choices in the real energy economy



Putting India on a path to achieve **net zero emissions by 2070** requires a substantial increase of capital intensive clean energy assets



**70% of clean energy** investment over the next decade will need to be carried out by private developers, consumers and financiers.



**Governments will play** an important role in ensuring effective risk management, whereby risks are allocated to the parties best equipped to manage them



**Financing transitions** in emissions-intensive industry will require investments in new technologies and attracting capital



# WHO SHOULD PARTICIPATE



Business & Thought Leaders



CXOs (Chief Sustainability Officers,  
Chief Strategy Officers, CEO's, CFO's)



ESG / Sustainability Heads



Supply Chain Leaders



Government Institutions



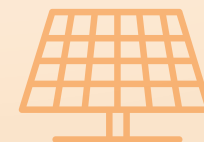
Industry Associations



Think-Tanks



Researchers & Academicians





# SPONSORSHIP OPPORTUNITIES

## PRINCIPAL SPONSOR INR 10 LAKHS

**36 Sqmtr** Space in Hall 4

**Logo Display** on Main Backdrop,  
Delegate kit

**Logo on Podium**

**10 Complimentary Delegates**  
for attending the eTECHnxt Conference

**Exclusive presentation slot**

**2 minute Corporate  
Video** played during breaks

**Logo** in all eTECHnxt creatives

**2 Standee** in Conference Hall

## PLATINUM SPONSOR INR 5 LAKHS

**18 Sqmtr** Space in Hall 4

**Logo Display**  
on Main Backdrop & Delegate Kit  
(eTECHnxt Hall)

**5 Complimentary Delegates**  
for attending the eTECHnxt Conference

**Speaking Slot** in Panel Discussion

**Corporate Video** Running

**1 Standee** in Conference Hall

## GOLD SPONSOR INR 3 LAKHS

**9 Sqmtr** Space in Hall 4

**Logo Display** on Main Backdrop

**4 Complimentary Delegates**

**1 Standee** in Conference Hall

## SESSION SPONSOR INR 1 LAKH

**Logo Display** on Main Backdrop

**4 Complimentary Delegates**

**1 Standee** in Conference Hall



# EXHIBITION FLOOR PLAN - HALL 4

New Business Opportunities

Battery & Storage Systems

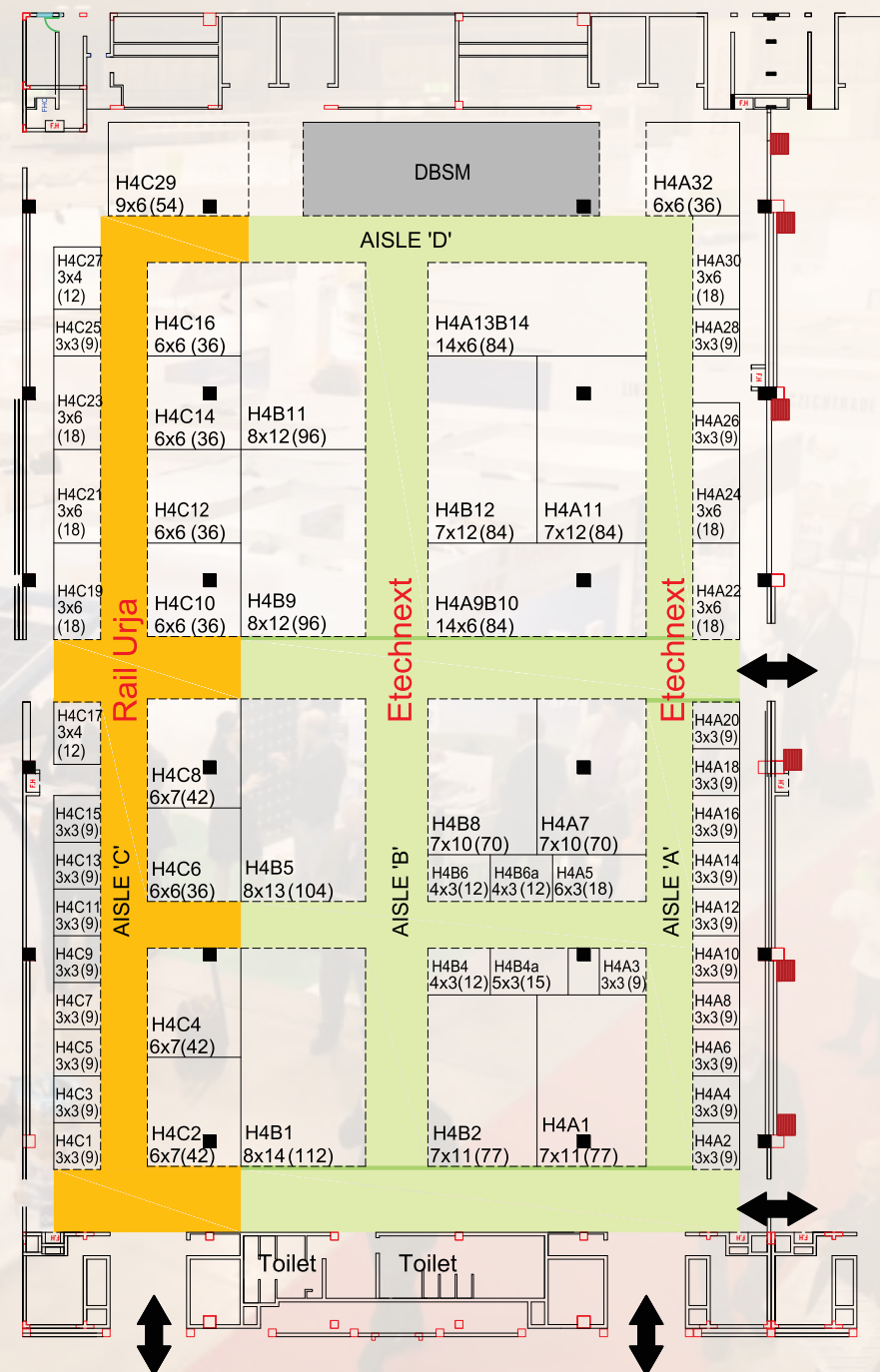
Fuel Cells & Green Hydrogen

Renewables & Supply Chain

EV & Charging Infrastructure

Rail Electrification

Signalling and Rolling Stock Equipment



## INDIAN PARTICIPANTS | TARIFF FOR HALL 4 & 6 (LEVEL 1), ELECRAMA 2023

IEML, Greater Noida, Delhi NCR	Tariff # in Indian Rupees (₹) per sqm for Indian Participants						
Category of Exhibitor	Bare Space 30 sqm and above				Shell Scheme 9 sqm and above		
	With open sides				With open sides		
	1 side open	2 side open	3 side open	4 side open	1 side open	2 side open	3 side open
Silver Stalls - Special discounted tariffs for IEEMA members (as on 31st march 2022) who have exhibited in ELECRAMA-2020. Not applicable for platinum and gold category stalls	9559	11527	12464	13401	12651	15181	16400
Silver stalls IEEMA Members as on 31st March 2022	10777	13120	14057	14994	13823	16868	18040
Silver Stalls Non members	12651	14994	15931	17337	15463	18743	20617
Gold stalls (IEEMA members)	11586	14104	15111	16119	14859	18134	19393
Gold stalls (Non Members)	13600	16119	17126	18637	16622	20148	22163
Platinum stalls (IEEMA members)	12393	15088	16166	17243	15896	19398	20746
Platinum stalls (Non Members)	14549	17243	18321	19938	17782	21554	23709

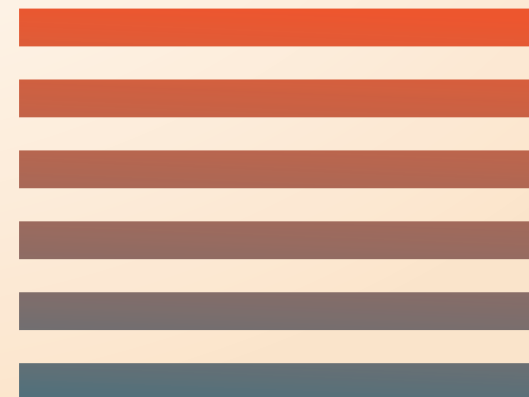
## INTERNATIONAL PARTICIPANTS | TARIFF FOR HALL 6 & HALL 4 - LEVEL 1, ELECRAMA 2023

IEML, Greater Noida, Delhi NCR	Tariff # in US (\$) per sqm for Foreign Participants						
Category of Exhibitor	Bare Space 30 sqm and above				Shell Scheme 9 sqm and above		
	With open sides				With open sides		
	1 side open	2 side open	3 side open	4 side open	1 side open	2 side open	3 side open
Foreign Participants	391	446	502	558	446	530	614
Foreign Participants - Gold Stalls	419	480	540	600	480	569	660
Foreign Participants - Platinum Stalls	449	513	577	642	513	610	706





# eTECH<sup>nxt</sup> GALLERY







**eTECH****nxt**  
20th & 21st  
February 2023

**CONTACT DETAILS:**

**Mr. Vivek Arora - M: +91 98961 96106**

Rishyamook Building, First Floor, 85 A, Panchkuian Road, New Delhi – 110001, INDIA  
Tel: +91-11-23746634, Fax: +91-11-23363015

**VENUE:**

IEML, Greater Noida, Delhi NCR  
Level 1 - Hall 2 (Conference & Workshop) & Hall 4 (Exhibition).

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