



“Unlocking the Era to Net Zero Emissions”

Opening Ceremony Agenda

Date: 10 June 2022

1045 – 1100 hrs	Registration/Ensemble along with Networking
Inaugural Session	Unlocking the Era to Net Zero Emissions – How leaders are making successful changes in the ecosystem!
1100 – 1120 hrs	<p>Session Objective: Adaption to the new “NEW” with a focus on future.</p> <p>Welcome Address:</p> <p>Mr. Rajneesh Khattar, Sr. Group Director, Energy portfolio, Informa Markets in India</p>
1120 – 1130 hrs	<p>Industry Address:</p> <p>Mr. Vinay Rustagi, Managing Director, BRIDGE TO INDIA ENERGY PRIVATE LIMITED</p>
1130 – 1140 hrs	<p>Special Address by:</p> <p>Sri G. Raghuma Reddy, Chairman & Managing Director - Southern Power Distribution Company of Telangana Limited</p>
1140 – 1150 hrs	<p>Sri Ajay Mishra, IAS, (former) Spl. Chief Secretary, Govt of Telangana, Director-General, Renewable Energy Society of India (RESI)</p>
1150 – 1200 hrs	<p>Mr. BRUSSELMANS Pierre-Emmanuel Consul General, Consulate General of the Kingdom of Belgium in India</p>
1200 – 1210 hrs	<p>Keynote Address:</p> <p>Sri Sunil Sharma, IAS, Spl Chief Secretary, Energy Department, Govt. Of Telangana</p>
1210 – 1220 hrs	<p>Keynote Address:</p> <p>Sri Jayesh Ranjan, IAS, Principal Secretary, Industries & Commerce (I&C) and Information Technology, Electronics and Communications Department, Govt. of Telangana</p>
1220 – 1225 hrs	<p>Vote of Closing Address:</p> <p>Mr. Julian Thomas, Sr. Project Director, Energy portfolio, Informa Markets in India</p>

Opening Ceremony will be followed by Walk- The – Floor

Session 1

1230 - 1300 Hrs

“Policy Regulations Need of the Hour for India for Effective Circular Economy in Solar Energy”

Presenter: **Mr. Jaideep N. Malaviya**, Board Director - International Solar Energy Society

Key Talking Points:

- Ambitious Solar energy targets of 300 GW by 2030 will lead to colossal waste of about 20 million tons getting generated at their end of life.
- With high efficiency technologies emerging Solar panels are likely to achieve faster End-of-Life
- Although related government agencies have constituted Task Force but lack of clear policy and regulation on Circular Economy for Solar energy
- If bought under ambit of E-waste will the Extended Producer Responsibility be applicable and if so will the manufacturers / importers be ready to bear the cost of sustainable recycling?
- Should Solar energy have dedicated regulations being an industrial product?
- Should incentives like tradable Green Certificates or Responsible Recycler be introduced?
- Will India be able to yield Atmanirbhar cost-effective solutions in the entire recycling chain?

1300 – 1340 Hrs: Lunch Break

Session 2

1350 – 1500 Hrs

Innovations and Technology the way forward to RE..!

The session will have presentations on latest technologies and innovations by the most prominent technical partners in the industry.

Session powered by: DNV GL

Presentations by:

- **Time: 1350-1400**
Mr. Sai Charan, Technical Director, Jinko Solar
Topic: “TOPCon- Way to lead the Technology Transformation”
- **Time 1400-1410**
Mr. Vivek Ganapathy, Business Leader - Distributed Generation, South India, Longi Solar

Topic: “An Era Towards Bifacial Modules”!

- **Time 1410-1420**
Mr. Manish Asija, Managing Director, enPossibilities Private Limited
Topic: "NEW-GENERATION C&I ROOFTOP SOLUTIONS”
- **Time 1420-1430**
Mr. Mr Ravi Tridandapani, State Head – South, Rayzon Solar PV Modules Manufacturer
Topic: L'LIOS Series - Rayzonlution Start
- **Time 1430-1440**
Alok Mishra, Senior Manager - Strategy & Business Innovation, DNV
Topic: CHALLENGE WITH EV INTEGRATION WITH GRID
- **Time 1440-1450**
Mr Vikas Arya, AVP – Product Strategy, Jakson Group
Topic: Innovative M10 cell technology
- **Time 1450-1500**
Mr. A Srikanth, Manager Sales, Waaree Energies Ltd.
Topic: Scaling Innovation & Quality - AatmaNirbhar Bharat



Session 3

1500 – 1600 Hrs

Green Hydrogen - India's Pathway to Green Economy!

On India's 75th Independence Day, the Prime Minister announced a Hydrogen Mission. India ranks 5th globally in installed solar capacity and 4th largest installed Renewable Energy Capacity. The setting up of the National Hydrogen Mission with the aim of India becoming the new global hub of hydrogen and also its largest exporter. Green hydrogen can help solve India's twin problems — energy security and decarbonisation of its economy.

The session is aimed at discussing the Green Hydrogen landscape in India and the reforms needed to drive the mission. The session will also focus on huge investments and R&D requirements.

Key Discussion Points:

- Launch of National Hydrogen Policy: Developing India into A Global Hub in Clean Hydrogen Manufacturing.
- Growing Renewable Energy Market.
- Domestic Manufacturing of Key Technologies like Electrolysers
- Targets for Lowering Industrial Carbon Footprint.
- Demand Creation in Identified Segments of Industry.

Moderator: Mr. Bhagyathej Reddy, Director Power & Utilities, PwC

Keynote Speakers:

- **Dr. R K Malhotra**, President & Director General – FIPI (Federation of Indian Petroleum Industry)
- **Mr. Gautam Reddy Kumbam**, COO Zero C, Greenko Group
- **Mr. Debi Prasad Dash**, Executive Director, India Energy Storage Alliance (IESA)
- **Mr. Ashwini Kumar**, Green Energy Expert, and Editor, Fuel Cell India
- **Mr. Shardul Kulkarni**, Consultant- GH2
- **Dr Deepak Yadav**, Program Associate, CEEW



Session 4

1600 – 1700 Hrs

Power Crisis - addressing peak demand through Renewables!!

Discussion Points:

- New tender designs – round-the-clock, peak power, RE+ conventional
- Large scale storage – BESS, pumped hydro potential
- Grid tariff reform and demand side management
- Ancillary market creation – new instruments, revenue generation avenues

Session Moderator: Mr. Vinay Rustagi, Managing Director, BRIDGE TO INDIA ENERGY PRIVATE LIMITED

Speakers:

- **Mr. Sai Charan**, Technical Director, Jinko Solar
- **Mr. Siddharth Malik**, Head- Energy Transmission, Azure Power
- **Ms. Modini**, Senior Consultant, DNV
- **Ms. Sanskriti Dubey**, Marketing Applications Manager, Fluence
- **Mr. Ravi Kuchi**, Vice President, Business Development & Regional Head for South, East & North East regions, IEX

DAY 2 – 11th June 2022



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1000 – 1100 Hrs

E-Highways are Economic and Green only when powered by RE..

India's electrification plan demands up to 125GWh of annual battery capacities by 2030, nearly 10% of projected worldwide productions. India requires a phased adoption renewable electrification with a near-term focus on 2-wheelers and a clear trajectory to phase-out coal-power for an organised mobility transition. But some immediate mile –stones are by 2030, India wants

30% of private automobiles, 70% of commercial vehicles, 40% of buses and 80% of two- and three-wheelers to be electric. EVs have emerged as a favoured technology solution to mitigate transport greenhouse gas (GHG) emissions in many countries, including India.

Discussion points:

- This session on E-highways is focused on bringing the successful Jaipur-Delhi- Agra E-highway pilot on the Public-Private Partnership (PPP) model called Annuity Hybrid E-Mobility (AHM) in Telangana to connect neighboring landlocked states with e-highways.
- Based on the licensing Reforms of the Government and 5 connecting highways including ‘Hyderabad ORR Expressway’ are already on the list out of 12 NH marked by the Ministry of Power to be converted from regular highways to E-Highways. Jaipur-Delhi -Agra are being prototyped on Annuity Hybrid E-Mobility (AHM) model to fund EV charging infra on highways with this new financing model.
- This session on NHEV pilot is aimed to bring Ease of Doing Business in E-mobility by making licensing, designing, commissioning, installation, electrification, certification and financing of Charging Stations and green energy stations easy for making Public Private Partnership (PPP) models at various corporate, institutional, urban, rural and community levels. 1st prototype station of NHEV is commissioned in Gurugram with 100 EV Car chargers as India's Largest Charging station with 74 AC and 24 DC Chargers.

Moderator: Mr. Abhijeet Sinha, National Program Director – Ease of Doing Business and Project Director, National Highway for EV (Jaipur – Delhi – Agra) Pilot, President – Charge Point Operator Society of India

Panelists:

- **Shri DV Rama Krishna Kumar**, Project Director, TSREDCO, Govt of Telangana
- **Smt Savitri Singh**, Cluster Head-South-East Regional Cluster, Energy Efficiency Services Limited
- **Mr. Gopal VC**, Director Automotive, Government of Telangana
- **Mr. Rajeev YSR**, VP Sales and Marketing ETO
- **Mr. Venkat Rajaraman**, Chief Executive Officer, Cygni Energy Pvt Ltd



Session 6

1100 – 1200 Hrs

Business Opportunities for AgriPV in India

Agriculture serves as the backbone in India. Bringing innovation and applying emerging technologies is one of the crucial goals for agritech projects in India. In the past few years, the Government of India has started emphasising and commercialising agriculture with innovative ways like Agriphotovoltaic (AgriPV). The large-scale combination of agriculture under photovoltaic systems seems promising. According to a study by the German research institute Fraunhofer, just 1 % of India's agricultural land would suffice to install around 630 GW of additional photovoltaic capacity through the use of so-called agrivoltaics.

This session brings together international and national experts to discuss recent developments in India and Europe and gives an insight into this promising market segment.

Key Questions/Discussion points

- Agrivoltaics scenario in India and on international level.
- Potential business cases?
- Implications for solar developer as well as on farming practices?
- Which agrivoltaic plants have been commissioned lately?

Moderator: Mr. Tobias Winter, Director, Indo-German Energy Forum

Speakers:

- **Mr. Nimish Prabhukhanolkar**, Partner & Chief Technical Officer, Sunseed APV
- **Mr. Surindar Ahuja**, Director, Sunmaster
- **Mr. Shravan Sampath**, CEO, Oakridge

Session 7

1200 – 1300 Hrs

Bioenergy - A must for the emerging India Energy market!

India is one of the biggest economies with a growing population, big capacities of field and plantation biomass, industrial biomass, forest biomass, urban waste biomass and aquatic biomass. Biomass has the ability to provide stable energy and ensure the sustainability.

The new national hydrogen mission has also given the industry a big boost. India's bioenergy sector, which can play a key part in fulfilling the country's goals including the decarbonization and reduction in crude import.

This workshop will go over the various bioenergy verticals and will conclude with a question-and-answer session along with the discussion of India's energy portfolio's future.

Subtopics:

- Biofuels and current market scenario
- Biomass - Untapped potential
- Hydrogen mission - Potential to make India a green hub
- Biogas - All round solution to protect the environment

Moderator: Dr. Gaurav Kedia, Chairman Indian Biogas Association

Speakers:

- **Mr. Srinivas Kasulla**, Managing Director, Arka Brenstech Private Limited
- **Mr. Vijay Kumar Lanka**, Managing Director, ARMATEC- FTS India Pvt Ltd

- **Dr. A. Gangagni Rao**, Chief Scientist and professor in Engineering Sciences, AcSIR Head, CSIR- Indian Institute of Chemical Technology (Department of Energy and Environmental Engineering)
- **Lt Col Monish Ahuja** (Retd), Chairman & Managing Director, PRESPL- Punjab Renewable Energy Systems Private Limited
- **Mr. Bommareddy Sunil Kanth Reddy**, Managing Director, Midwest Energy Private Limited

Lunch Break @1300 – 1400 hrs:

Followed by RE AWARDS @1430 hrs

6th edition of RenewX bring you the ..

1st RE AWARDS starting 2:30 pm onwards ..

Join us for the celebrations as the best nominations win the awards through a tedious selection process by an eminent jury with expertise in the nominated categories.