



“SOUTH INDIA ENERGY CONCLAVE”

Opening Ceremony Agenda

Date: 19 November 2021

1045 – 1100 hrs	Registration/Ensemble along with Networking
Inaugural Session	Living with Pandemic – How leaders are making successful changes in ecosystem Session Objective: Overcoming hardships and challenges in current environment
1100 – 1120 hrs	Welcome Address: Mr. Yogesh Mudras , Managing Director, Informa Markets in India
	Industry Address:
1120 – 1130 hrs	Mr. Bhagyathej Reddy , Director Power & Utilities, PwC
	Special Address:
1130 – 1140 hrs	Sri G. Raghuma Reddy , Chairman & Managing Director - Southern Power Distribution Company of Telangana Limited
	Special Address:
1140 – 1150 hrs	Dr. Andrew Fleming , British Deputy High Commissioner, Hyderabad
	Special Address:
1150 - 1200 hrs	Sri N, Janaiah , Vice Chairman & Managing Director, TSREDCO Ltd
	Keynote Address:
1200 – 1210 hrs	Shri Ajay Mishra , Director General, Renewable Energy Society of India (RESI) IAS, Ex-Special Chief Secretary, Energy Department, Govt of Telangana
	Closing address:
1210 – 1215 hrs	Mr. Rajneesh Khattar , Group Director, Energy portfolio, Informa Markets in India

Opening Ceremony will be followed by Walk- The – Floor

Closed Door Sessions Day.. 1

By invitation only..

Venue: Board Room

Time: 1215 - 1330 Hrs

CEO CONCLAVE

Session 1

1230 - 1330 Hrs

Shaping the Future: Technology Updates & Innovations along with successful case studies

Innovators will showcase new and emerging technologies and best practices followed in the Renewable Energy Sector.

Presentation by:

- **Time: 1230 hrs – 1245 hrs**

Jason Samuel, Key Account Manager, REC

Topic “Exploring Next Generation Solar Module Technologies – HJT and REC Alpha Series”

1300 – 1400 Hrs: Lunch Break

 **Session 2**

1400 – 1500 Hrs

The UK Renewable Energy Capability Session: (Presentations)

1400 – 1407 hrs	<p>Marine Renewables</p> <p>Mr Saurabh Antani, Country Head – India, HR Wallingford</p>
1407 – 1414 hrs	<p>Distributed electromechanical passive sensing technology and its applications in renewable energy</p> <p>Mr Nitin Mahajan, Business Development Manager (Power Grids) – India, GCC, South East Asia, Synaptec Ltd</p>
1414 – 1421 hrs	<p>Project Quality Assurance – Building Quality into the supply Chain</p> <p>Mr Nilay Kumar Ball, Principal Technical & Compliance support – South West Asia & Authorised Inspector (AI), Lloyd's Register Marine and Inspection Services India LLP</p>
1421 – 1428 hrs	<p>Smart Energy Network Solutions: Digital Energy Platform</p> <p>Mr Balawant Joshi, Country Representative, Power Transition Limited</p>
1428 – 1435 hrs	<p>Addressing the climate crises via clean energy and regenerative agriculture - The Carbonlites Story</p> <p>Mr Som Narayan, Partner, Carbon Masters</p>
1435 – 1442 hrs	<p>Harnessing Green Energy for Future Generations</p> <p>Mr Sriram Vaidyanathan, Founder and Managing Director, Vyom Energy Ltd</p>
1442 – 1449 hrs	<p>Risk Management & Optimisation of Solar Assets and Zero-emission EV charging infrastructure</p> <p>Dr Jyotirmoy Roy, Founder & CEO, GreenEnco</p>
1449 – 1456 hrs	<p>Presentation on Gleeds Renewable Energy capabilities</p> <p>Mr Charanjiv Bachhar, Director - Business Development for Infrastructure & Public Sector, Gleeds Consulting</p>
1456 – 1500 hrs	<p>Vote of Thanks and Concluding Remarks</p> <p>Ms Sushmitha Ramoji, Prosperity Officer - Economics & Prosperity, British Deputy High Commission - Hyderabad</p>



Session 3

1530 – 1630 Hrs

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

India at COP26 told the UN climate summit that its solar energy capacity stands at about 45 gigawatts after it increased 17 times in the last seven years, asserting that although the country represents 17% of the global population, its historical cumulative emissions are only 4%. While India is ranked third among countries with the biggest CO2 emissions, this calculation does not take into account India's size of population and one of the world's lowest level of energy consumption per capita. Home to 17 percent of global population, India's share of carbon emission stands at 5 per cent of global total.

India has emerged as an ideal nation to achieve 'NET ZERO' carbon emission resulting out of increasing demand of energy coming from ongoing mobility and E-highway conversions into green highways. This session is focused on integration *Gati-Shakti* road map to minimize overlaps and gaps among stakeholders and parent ministries.

Video Address: Dr. V. K. Saraswat, Padm Shri, Padm Bhushan, Member NITI Aayog (Video)

Virtual: Sudhendu J. Sinha, IAS, Adviser- NITI Aayog (Infra Connectivity – Transport and E-Mobility)

Gati Shakti presentation by **Abhijeet Sinha**, National Program Director – Ease of Doing Business and Project Director, National Highway for EV (Jaipur – Delhi – Agra) Pilot.

Panelists:

- **Arth Patel** – CO-founder & CEO, Tirex Chargers
- **Shwetank Jain** – Founder, P2 Power Solutions Pvt Ltd
- **Pankaj Markandey**- Founder COO, Bluebolt Electric
- **Rajeev YSR**- VP- Sales & Marketing, ETO



Session 4

1640 – 1740 Hrs

Topic: Upcoming E-Highways in southern at Annuity Hybrid E-Mobility

Converting regular highways into E-highways and Green Corridors placed infra financing issues to develop Charging Stations and Bio Fuel H2 vending stations on sidelines of existing fuel pumps. This upgraded version of globally appreciated Hybrid Annuity Model (HAM) by World Bank, Moodys, CRISIL, IMF popularly known as a new financing model for state governments to build more E-highways for EVs and Hybrid vehicles called Annuity Hybrid E-Mobility (AHM) from Ease of Doing Business division. Progressive government of Telangana state is going to be 1st state in the row after its Jaipur – Delhi – Agra prototype pilot in UP, Rajasthan, Delhi and Haryana; going to make this session a must attend for all stakeholders working in this pursuit to convert intercity passenger and freight transport on NET ZERO emission.

Session Moderator: Abhijeet Sinha, Project Director, National Highway for EV (Jaipur – Delhi – Agra) and National Program Director – Ease of Doing Business.

Special Address:

M.R.M. Rao – IAS, Transport Commissioner, Telangana.

Video Addresses:

- **Rohit Kumar, IAS**, Adnl Secretary - Ministry of Culture Govt of India
Previously MoRTH, Adnl Chief Sec – Rajasthan.
- **Mahua Acharya - CEO & MD, Convergence Energy Services Ltd (CESL)**

Panelists:

- **Savitri Singh**, Cluster Head- South East Regional Cluster, Energy Efficiency Services Limited.
- **Deepak MV**, CEO & Co Founder, E-TRIO.
- **DV Ramakrishnan Kumar**, Project Director EV, Govt of Telangana
- **Gopalakrishnan VC**, Director (Automotive), Govt of Telangana.

DAY 2 – 20th November 2021



1100 – 1200 Hrs

Topic: Indigenous Manufacturing: आत्मनिर्भर भारत

At this point, as India has the fourth largest installed renewable energy capacity and the fifth largest solar capacity in the world, and we have an ambitious target of 450 GW of renewable energy capacity by 2030. 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 escalation in the deployment of green energy is the need of the hour. To promote this, huge investments are needed in development of manufacturing in these sectors, disruptive technology and global collaborations. The sessions will focus on the key challenges and the opportunities of manufacturing solar modules and green hydrogen in India.

Key Discussion Points:

- Manufacturing as focused engine for growth with ease of doing business.
- Launch of National Hydrogen Mission: Developing India into A Global Hub in Clean Hydrogen Manufacturing.
- Pathway from Net Importer to Net Exporter.
- Role of the Production-Linked Incentive Scheme (PLI) in promoting manufacturing.
- Necessary reforms by the central and state government.

Session Chair: Shri Ajay Mishra, Director General, Renewable Energy Society of India (RESI) IAS, Ex-Special Chief Secretary, Energy Department, Govt of Telangana

Moderator: Mr. Rajesh Parakala, Vice President, Telangana Solar Energy Association

Key Panelists:

- **Arijit Mitra**, DGM-DG and Srilanka Business, LONGi Solar
- **Rajan Munjal**, Channel Business Leader, Sungrow India
- **Yogesh Kathuria**, Sales Head, Pennar Industries
- **N S Prasad**, Senior Fellow, Renewable Energy Technologies, TERI

Session 6

1215 – 1315 Hrs

Topic: 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?

Introduction and Overview on Indian Agrivoltaic Pilots:

Mr. Theresa Jocham, Private Sector Advisor, Indo-German Energy Forum Support Office.

Speakers:

- Shri GSV Prasad, General Manager, TSREDCO
- Mr. Maximilian Vorast, Researcher Agri-Photovoltaics, Fraunhofer Institute for Solar Energy Systems ISE
- Mr. Vivek Saraf, CEO, SunSeed APV
- Dr. Lakshmi Santhanam, Co-Founder, Renkuba PVT LTD.

1315 – 1400 Hrs: Lunch Break



Session 7

1400 - 1530 Hrs

Topic: Circular economy based on anaerobic digestion - *Waste is not a waste until wasted!*

This session will cover developments in the Anaerobic Digestion Ecosystem, convergence of technology, latest technologies including decentralized waste management, research and development, and financial aspects.

Video Address: Dr. V. K. Saraswat, Padm Shri, Padm Bhushan, Member NITI Aayog

Session Moderator: Mr. Srinivas Kasulla, CTO, Arka BRENStech Pvt. Ltd.

Panelists:

- **Mr. Kiran Kumar**, Kashyap Energy Pvt. Ltd.
- **Mr. Vijay Kumar Lanka**, Armatec FTS GmbH & Co. KG
- **Mr. Harshvardhan Erra**, CEO & Co- Founder, Peepal Waste Managers
- **Mr. Abhijeet Mukherjee**, Program Head, Indian Biogas Association