



## EPS BUSINESS MEET- Delhi 2024

### Introduction:

The "**Sustainable Power Solutions for a Greener Tomorrow**" conference, organized by **Industrial Outlook® (A and A Media Group)** in collaboration with knowledge partner Net Zero Think Private Limited and the Federation of Electric Vehicle Association, convened on January 24, 2024, at Le Meridian in New Delhi. This gathering served as a pivotal platform uniting professionals, experts, and innovators from the energy and power sector to deliberate on the implementation of sustainable practices. Throughout the course of the one-day conference, attendees engaged in a series of enlightening keynote speeches, informative panel discussions, and networking sessions, all centered around the latest trends, innovations, and challenges within the industry.

During the inaugural session, **Mr. Upendra Tripathy, former Director General of ISA**, emphasized the crucial need for adopting renewable energy technologies, leveraging carbon markets, and spearheading the development of net-zero villages/cities and industry clusters to realize India's Net Zero Goal.

Following suit, **Mr. Sunil Duggal, Chairman of Strategy at Vedanta Group**, shared Vedanta's endeavors in developing renewable energy projects and embracing sustainability practices.

**Mr. R S Dhillon, former Chairman of IREDA**, underscored the significance of finance in facilitating renewable energy deployment and attaining Net Zero Goals.

This conference proceedings encapsulates the critical points highlighted by industry leaders and practitioners from the renewable energy and power sectors during the conference sessions. These insights are imperative considerations for governmental bodies, industry stakeholders, and policymakers as they navigate the path towards a more sustainable and eco-conscious future.

### Session 1: The State of Renewable Energy

#### 1. Baldev Narang, CEO, Clariant Power System Ltd.:

- Emphasized the urgency of reducing CO2 emissions to meet the 1.5-degree global warming target, advocated for renewable energy as a solution.

#### 2. Ashok Kumar Singh, President-Solar, Novasys Greenergy Pvt Ltd.:

- Addressed the fluctuations in demand specially from manufacturing sector, stressed the need for reducing dependency on foreign manufacturing, particularly from China.

#### 3. Hardik Vyas, GM – BD, Enerparc Energy Pvt. Ltd.:

- Highlighted the challenge of integrating renewable energy sources into the existing grid, suggested to strengthen the grid network.

#### 4. Pushpendra Samadhiya, National Head, Saatvik Solar Pvt. Ltd.:

- Advocated for scaling up solar system implementation across various states, echoing PM Modi's initiative, particularly emphasized the need for support from state governments.



## EPS BUSINESS MEET- Delhi 2024

### 5. Arvind Kumar, North India Head, Adani Solar:

- Stressed the ecological benefits of solar and wind energy over fossil fuels, advocated for a shift towards sustainable energy sources.

### 6. Shantanu Sirsath, Technical Head India, Growatt New Energy:

- Highlighted the importance of keeping pace with technological advancements in solar modules to ensure compatibility and efficiency.

### 7. Shah Masood Jafar, Head Sales & Distribution Channel- North, Tata Power:

- Identified financial barriers hindering solar energy adoption, suggested collaboration between financial institutions and industry stakeholders to address these challenges.

### 8. Dipen Patel, Managing Partner- Head, Green Brilliance:

- Acknowledged government support through schemes like PLI but emphasized the need for improved infrastructure, funding, and integration in the renewable energy sector.

## Session 2: Net Zero and Sustainability

### 1. J.P. Singh, Founder, J.P. Consultant:

- Emphasized the imperative of fostering a symbiotic relationship between business and the environment, highlighted the collective responsibility to prioritize environmental harmony.

### 2. Manoj Kumar Singh, Founder, Net Zero Think Pvt. Ltd.:

- Advocated for the importance of GHG emissions measurement and reporting in achieving the transition to net zero, stressing the need for setting clear goals and implementing emission reduction plans across business processes.

### 3. Meher Sidhwa, Founder, Envirofaith:

- Highlighted the significance of standards such as the target standard in facilitating renewable energy projects and carbon credit eligibility, underscoring the need for overcoming barriers to setting up solar plants in remote areas.

### 4. Vineet Tyagi, Sales- Head North, Rayzon Solar India Pvt. Ltd.:

- Explored the potential of renewable energy in achieving economic growth targets and stressed the importance of inclusive policies to ensure that smaller players, particularly in the MSME segment, can benefit from initiatives like the PLI scheme.

### 5. Manish Asija, Director, enPossibilities Pvt Ltd:



## EPS BUSINESS MEET- Delhi 2024

- Observed a shift in awareness towards sustainability among various stakeholders, emphasizing the need for attention to underperforming plants and enhancing the commitment of EPC contractors towards end users.

### Session 3: Grid Edge Innovation: Decentralization and Smart Infrastructure

#### 1. R.K. Singh, Founder & CEO, Raygas Engineering India Pvt. Ltd.:

- Addressed the disparity between power generation and distribution, highlighting the need to transition away from fossil fuels for ecosystem improvement. Noted recent developments allowing the private sector to contribute to transmission development, stressing the significance of addressing power outages for energy security.

#### 2. Arpit Sharma, COO, SCGJ:

- Identified a gap in skilled manpower within the renewable energy sector, emphasizing the importance of establishing permanent courses on grid management and the utilization of AI. Highlighted the success of certification programs in up-skilling manpower and suggested the introduction of advanced courses to meet industry demands.

#### 3. SK Saroj, Chairman, International Federation of Electric Vehicles Association,:

- Advocated for a corruption-free environment across all sectors, including renewables, citing Goa as an example. Encouraged other states to follow suit in striving for transparency and integrity.

### Session 4: Electrification of Everything: Trends in Total Electrification

#### 1. Piyush Garg, Director, Balaji Switchgears Pvt. Ltd.:

- Stressed the necessity of ensuring universal access to energy to support digitized lifestyles. Highlighted the growing demand for energy amid the digital revolution and emphasized the need for tailored energy solutions.

#### 2. R.K. Singh, Founder & CEO, Raygas Engineering India Pvt. Ltd.:

- Underlined the indispensable role of electricity in simplifying life and driving technological advancements, irrespective of its source. Emphasized the fundamental nature of electricity as the flow of electrons.

#### 3. Soumya Garnaik, Country Representative - India (In-Charge), Global Green Growth Institute (GGGI):



## EPS BUSINESS MEET- Delhi 2024

- Explored the shift towards DC utilization driven by advancements in power electronics. Advocated for a diversified energy portfolio, including solar thermal technology, to meet India's diverse energy needs effectively.

### 4. Ashok Kumar Thanikonda, (Lead, Global Green Growth Institute):

- Acknowledged the evolution of DC appliances and emphasized the importance of a resilient energy grid accommodating various energy sources. Advocated for the utilization of solar thermal technology alongside solar PV to address energy requirements effectively.

### 5. Girja Shankar, General Manager (Tech.), Energy Efficiency Services Limited:

- Recognized the potential of startups in driving innovation in the energy sector, highlighting India's conducive environment for startup growth.

### 6. Dr. Venkatesh Raghavan, Vice President, PFC, TDK India Private Limited:

- Discussed the efficiency and significance of electrical energy for bulk power transfer over long distances. Emphasized responsible energy consumption and production practices.

-----END-----

Thank you!