

DIPM SOLAR 2019

INTERNATIONAL CONFERENCE & EXHIBITION INNOVATIONS IN SOLAR AND RENEWABLE ENERGY FOR SUSTAINABLE DEVELOPMENT

01-02 FEB 2019

DAY 1 – 01 FEB 2019

0830–0930 hrs Registration and Tea

INAUGURAL SESSION (0930 – 1100 HRS)

CHIEF GUEST: DR VK SARASWAT, MEMBER NITI AAYOG

0930 hrs Welcome of Chief Guest and Lighting of Lamp.

Curtain Raiser by Sh A K Arora, DG DIPM Council of India, Chairman Conference Organizing Committee.

Role of DIPM council of India in capacity building of Defence Engineers in Infrastructure and Habitat sector by Sh Girraj Goyal, Secretary General, DIPM Council of India.

Renewal Energy Status & Potential in the Country by Sh K S Popli, CMD, Indian Renewable Energy Development Agency Limited.

Renewable Energy Status and Potential in Defence Sector by Lt Gen S K Shrivastava, AVSM, Engineer-in-Chief, Patron DIPM Council of India

Inaugural Address by Dr V K Saraswat, Member NITI Aayog and Chief Patron DIPM Council of India.

Release of Conference Souvenir.

Launching of DIPM App

(Sh Kumar Rajesh, CEO of Shadow Info System to conduct)

Book Release, Design, installation & operation of Solar PV plants by Sh D K Tyagi, Former ADG, MES & Chairman Technical Committee –

(Sh GK Gupta, CMD, Frizo India Pvt Ltd, Gold Sponsor to be present)

Presentation of Conference Memento

Vote of Thanks by Sh D K Tyagi, Former ADG, MES and Chairman Technical Committee

1100–1130 hrs High Tea and Inauguration of Exhibition

SESSION 1 (1130–1300HRS)

RECENT DEVELOPMENTS IN PLANNING AND DESIGN OF SOLAR ENERGY SYSTEMS

CHAIRMAN: Sh D K Tyagi, Former Addl Director General MES

- 1130-1145 hrs** Resource Assessment and Latest Developments in Solar Energy By Dr ArunTripathi, DG, NISE
- 1145–1200 hrs** Net Zero Energy Building: by Ashish Rakhija, MD AEON Consultants
- 1200–1215 hrs** Recent Developments in Design and Testing of Solar Modules – By Mohd Hidaytullah, TUV Rheinland, Bangaluru
- 1215–1230 hrs** Innovations and Improvements in Solar Inverters for ensuring near Zero Down time Expert from ABB
- 1230-1300 hrs** Q&A, Sum up by the chairman & presentation of mementos to speakers
- 1300–1400 hrs** **LUNCH**

SESSION 2 (1400–1530 hrs)

STORAGE AND DISTRIBUTION OF RENEWABLE ENERGY

CHAIRMAN: Sh Chintan Shah, Dir (Tech), IREDA

- 1400–1415 hrs** Way forward in renewable energy in India, by Sh Deepak Gupta, Former Secretary MNRE & ex-Chairman UPSC
- 1415–1430 hrs** Integration of Various Sources of Electricity in MES, by Brig CPS Pasricha CE HQ 21 Corp
- 1430–1445 hrs** Module Manufacturing Headwinds and Quality Concerns Including Life Expectancy – Nikhil Agrawal (Vikram Solar)
- 1445–1500 hrs** Role of Storage in Renewable Energy and latest Developments by Dr Rashi Gupta (Nominee of BIS)
- 1500– 1515 hrs** Problems in Evacuation of Renewable Power and Ramp up Options to Ensure Stability of Grid – Sh Subir Sen, ED , PGCIL
- 1515 –1530 hrs** Q&A, Sum up by the chairman & presentation of mementoes to speakers

SESSION 3 (1530 –1700 hrs)

WIND, BIOMASS AND OTHER RENEWABLE ENERGY SOURCES

CHAIRMAN: Sh Girish Kumar, Scientist, MNRE

- 1530–1550 hrs** Resource Assessment and Recent Developments in Wind Energy: By MrBalraman, DG, NIWE
- 1550–1605 hrs** Biomass Power Plants and Biomass Supply Chain Management: By, Col RohitDev CEO, PSEPL
- 1605–1615 hrs** Overview, Potential and Status of Geothermal Energy in India – By Dr P B Sarolkar, National Geographical Research Institute, Hyderabad
- 1615 –1630 hrs** The Current Status of Research on Fuel Cell Technologies in India and around the Globe by DrSonde, Thermax Ltd, Pune
- 1645–1700 hrs** Q&A, Sum up by the chairman & presentation of mementoes to speakers

1700 hrs

REFRESHMENT & TEA

DAY 2 – SATURDAY 02 FEB 2019

0900-0930 hrs Refreshments and Registration

SESSION 4 (0930 – 1110 hrs)

FRAMING OF EPC CONTRACTS FOR RENEWABLE ENERGY FOR DEFENCE SERVICES

Chairman: Maj Gen S K Khanna, DGW, MES

- 0930–0950 hrs** Bidding Process and RFP for Renewal Energy Works by DrAshvini Kumar, ex-MD, Solar Energy Corporation of India (SECI).
- 0950–1010 hrs** Contracts for Solar Power Plants in MES by S K Jain, Director (Contract) , MES
- 1010–1030 hrs** Framing of Renewable Energy Tenders : By ShGirish Narang, EPC consultant.
- 1030–1050 hrs** Case Study of 5.0 MW Solar Power Plant at Mhow Cantonment by K S Rao, CWE, Mhow
- 1050-1110 hrs** Q&A, Sum up by the Chairman & presentation of mementoes to speakers

SESSION 5 (1110 – 1330 hrs)

ROOF TOP SOLAR SYSTEM, VARIOUS MODELS AND TECHNO ECONOMIC EQUATION

Chairman: Sh Padmanabh Maniyar, CWE (Utility), Delhi Cantt.

- 1110–1125 hrs** Development of Solar Power Refrigerated System for Indian Army deployed in remote areas by Lt Col Akhil Singh Charak
- 1125–1140 hrs** Solar Thermal: Prospects and Challenges- Sh Dinesh Gandhi , Godavary Greens
- 1140–1155 hrs** Floating Solar : The Potential and Problems Expected- by Muthu Manoharan, Greenam
- 1155–1210 hrs** Renewable Energy- Transforming Energy Consumers to Prosumers – by A C Verma Former JT DG Utility, MES
- 1210–1225 hrs** Economic and Environmental Viability of Solar Projects in India by Vimal Tiwari IIM Bangalore
- 1225-1245 hrs** Q&A, Sum up by the chairman & presentation of mementoes to speakers

Valedictory Session (1245 hrs – 1330 hrs)

- 1245-1300 hrs** Summing up of the Conference by Chairman Technical Committee Sh D K Tyagi
- 1300-1315 hrs** Valedictory Address by Prof Abhay Karandikar Director IIT Kanpur
- 1315-1320 hrs** DIPM HaritPrem Memorial Essay Competition Results and Certificates Distribution
- 1320-1325 hrs** Presentation of Mementoes
- 1325-1330 hrs** Vote of Thanks by CEO and president DIPM Council of India Sh Pradeep Agrawal

LUNCH 1330 HRS & CONCLUSION OF CONFERENCE