

DIPM Solar 2018

Innovations in Solar & Renewable Energy for Sustainable Development”

Draft Programme

1. Registration 0830 – 0930

2. Inaugural Session 0930 to 1100hrs

- a) Lighting of lamp
- b) Opening address by Sh A K Arora, DG, DIPM Council of India
- c) Curtain Raiser by Sh KS Popli, CMD, IREDA
- d) Renewable energy status and potential in Defence sector by Lt Gen S K Shrivastava, AVSM, E-in-C, Military Engineer Services.
- e) Key note Address by Dr V K Saraswat, Member, NITI AAYOG
- f) Inaugural Address by Sh Raj Kumar Singh, Hon'ble Minister of State(I/C), MNRE and Power.
- f) Release of Seminar Souvenir and presentation of mementoes
- g) Vote of Thanks by Sh D K Tyagi, Former ADG, MES & Chairman Seminar Technical Committee

3. High Tea – 1100-1130

4. 1130Hrs Session 1: Recent developments in Planning & Design of Solar Energy Systems

Chaired by Sh D K Tyagi, Former ADG, MES.

- a) Resource Assessment for providing **latest developments in** solar energy systems – By Dr Arun Tripathi, DG, NISE
- b) Recent developments in design **and testing** of solar energy system – By National Renewable Energy Laboratory (NREL)
- c) Innovations and improvements in solar inverters for ensuring near zero down time Expert from ABB or Huawei or Delta

d) Module manufacturing headwinds and quality concerns **including life expectancy** - Expert from one of the module manufacturers

e) Industry Presentation

f) Sum up by the chairman & presentation of mementoes to speakers

5. Lunch and Exhibition: 1300- 1400 hrs

6. 1400 hrs : Session 2: Wind , Biomass and other renewable energy sources

Chaired by Maj Gen Khanna, DGW, MES

a) Resource Assessment for **and recent developments in** wind energy : By Mr Balram, DG, NIWE

b) Biomass power plants and biomass supply chain management : By Col Monish Ahuja, Chairman Bio-energy at FICCI

c) Overview, potential and status of geothermal energy in India - Vijay P Dimri CSIR-National Geophysical Research Institute, Hyderabad

d) The current status of research on cell technologies in India and around the globe by Expert from NMRL Ambarnath/ **Dr Sunde from M/S Thermax**

e) Industry presentation

f) sum up by the chairman & presentation of mementoes to speakers

7. 1530: Session 3: Storage and distribution of renewable energy

Chaired by Sh Harishwar Dayal, Former DG(Personnel), MES

a) Emerging technologies for energy access, RE integration and smarter grids around the globe by Dr. Rahul Walawalkar, Member, Expert Committee on energy Storage, MNRE.

b) Solar energy Policy framework for India, by Sh B K Dosi, Managing Director, Rajasthan Renewable Energy Corporation limited.

c) Integration of various sources of electricity in MES, by Brig Pasricha CE HQ 21 Corp

d) Problems in evacuation of renewable power and ramp up options to ensure stability of grid - Expert possibly CMD of PGCIL

- e) One Industry presentation.
- f) Sum up by the chairman & presentation of mementoes to speakers

Day 2: 02 February 2018.

8. 0900 to 0930 : Tea

9. 0930 Session 4: Framing of Contracts and EPC contracts for renewable energy for defence services:

Chaired by Sh Pradeep Agrawal, President , DIPM Council of India.

- a) Bidding Process and RFP for Renewal energy works by Dr Ashwani Kumar, MD, Solar Energy Corporation of India (SECI).
- b) EPC Challenges in India and Way forward: Industry Expert
- c) Framing of Renewable energy tenders in Military Engineer Services: to be decided by E-in-C Branch. (Mr Agrahari, Dir E/M CE(NW) Mumbai)
- d) EPC Consultant/ Industry presentation
- e) EPC Consultant/ Industry presentation
- f) Sum up by the chairman & presentation of mementoes to speakers

10. Session 5: 1100 hrs to 1230 : Roof Top solar system, RESCO model and techno economic equation.

Chaired by Sh Girraj Goyal, Secretary, DIPM Council of India.

- a) Solar rooftop scheme to reduce power bills: Manu Srivastava, MD, MPUVNL
- b) ~~Success of RESCO model in India : Expert lecture~~ **Solar Thermal: Prospects and Challenges- Industry Expert may be from Godavary Greens .**
- c) ~~Industry speaker~~ **Off shore Wind and Solar Energy prospects - Expert**
- d) Industry Speaker

e) Techno economic viability in defence sector and remote areas. ; Expert from MES

f) Sum up by the chairman & presentation of mementoes to speakers

11. Valedictory Session:1230 hrs

a) Summing up of the Conference by Chairman Technical Committee Sh D K Tyagi

b) Valedictory Address by Chief Patron DIPM Council of India, Dr V K Saraswat, member NITI AAYog

c) Presentation of Mementoes

d) Vote of Thanks by CEO and president DIPM Council of India Sh Pradeep Agrawal.

12. Lunch 1300 hrs & Conclusion of Conference.