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Defence Infrastructure Planning & Management Council of India

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Military Engineer Services  
Ministry of Defence, Govt. of India

# DIPM Solar 2019

International Conference & Exhibition

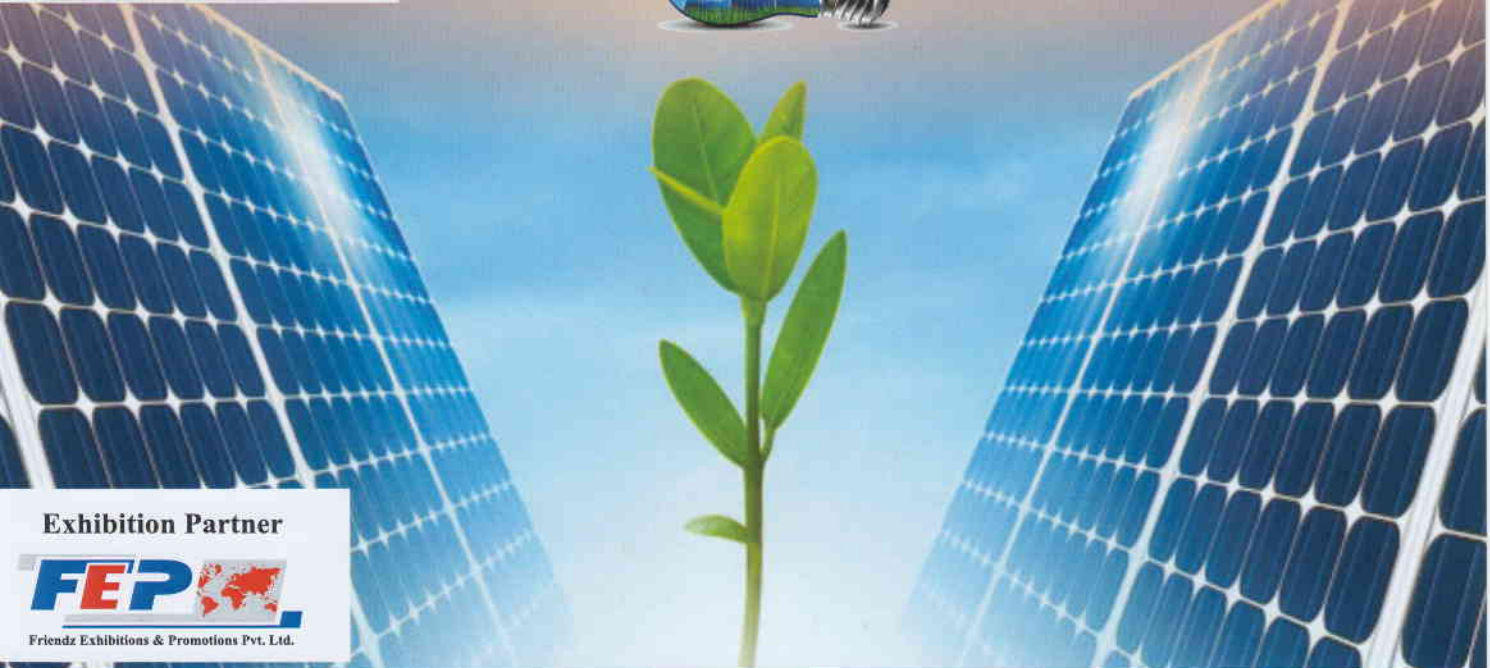
**Technical Seminar on**  
“Innovations in Solar & Renewable Energy for Sustainable Development”

**DATE:- 1<sup>st</sup> & 2<sup>nd</sup> February 2019**

**Venue:- Manekshaw Center, Khyber Line  
Delhi Cantt.. Delhi**

Broadening  
Perspective  
of Growth

**Conference**



Exhibition Partner



# INTRODUCTION

India's per capita power consumption is only 1172 KWH per annum against global average of 2274 KWH, US figure of 12071 KWH and China's 4475 KWH. The new and renewable sources of energy have been given a big push in India for getting clean energy and reduce dependence on fossil fuel based energy. Due to various initiatives and incentives by the government, the target of installing 20,000 MW of solar power generation capacity by the year 2022 has been achieved four years ahead of the schedule and now the target has been ambitiously revised upwards by five times to installing 1,00,000 MW of solar power plants by year 2022. Solar power push is backed by various financial benefits being offered by the government, its impact on the public finance and sustainability of the sector, in view of massive expansion, needs to be analysed to review the present policy framework to make the sector self-sustainable. The environmental causes leading to shift towards cleaner energy and economic effect of carbon credits to reduce the carbon footprints have a bearing on new policy guidelines.

The conference will put particular emphasis on the importance of putting cantonments at the centre in making energy more secure, affordable and sustainable, and on the growing need to transform from a linear to a circular economy to take full advantage of renewable resources. The conference aims to examine the collaboration with local stakeholders, the value of technological innovations and how to identify sources of Technology and sourcing of equipment. This represents a valuable opportunity for policy-makers, representatives from Industry, energy service providers, experts and other interested professionals to share their views and knowledge on how to manage the transformation to a circular economy and improve energy efficiency while creating opportunities for the local economy. Sustainability, the conference will be interactive and engaging, featuring an interesting variety of panels, topic specific workshops and presentations. This event is part of a conference series launched in 2015 and explores the different sources of local renewable solutions in order to promote sustainability at a regional and local level. Join us and explore how cities and regions can embrace clean, sustainable solutions, and tackle financial, planning and regulatory challenges.

## About the DIPM

**DIPM Council of India is an Institution working in Innovations in Technology in Infrastructure and Skill Development. The focus area of working is in the field of Infrastructure Technology, Innovations, Sustainable Development, Project Management, Contract Management, Project Delivery, Skilling India etc. in general and Defence sector in particular, in Government /Public/Private sector. It is engaged in bringing professionals and renowned person persons together for technology advancement, with emphasis on innovation driven approach in Infrastructure Sector.**

Several Govt. Organizations and Corporates like **NHAI, NATRIP, HAL, RITES** etc. are its life Corporate members as well as officers of Indian Defence Service of Engineers, Corps of Engineer, Military Engineer Services, Railway, CPWD, Consultants. Academicians, Central Govt. Officers service as well as retired etc. The details are available are available on its website.

### Vision

**“DIPM Council (India) to become a key stake holder in the country in the country in all aspects of Infrastructure Development through group of Specialist on voluntary basis, become a partner in Make in India and be a voluntary advisory body to Govt. of India”.**

### Mission

**“To ensure all around Sustainable development and promote innovations in Infrastructure Technology and Management.”**

## About the Program

Military Engineer services (MES) is the Oldest and largest Govt. construction organization in the country managed by highly professional and competent cadre of technocrats. MES is an organization catering to infrastructure development and maintenance of works related to Army, Navy Air Force, Coast guard, Defence Production, DRDO, and DGQA & DAD. Thus the spectrum of infrastructure requirement is widely varied and technically complex. The uniqueness of Defence infrastructure lies in handling complex infrastructure requirements of Aviation, ports and harbours, factory complexes, laboratories, missile and weapon systems, Hangars, blast pens, Underground structures, Radar and communication facilities etc. National Solar Mission has envisaged a total of 300 MW capacity additions by Ministry of Defence. In turn MES has been mandated with 150 MW of solar power plant capacity build up. Military Engineer Services is also gearing up to meet the targets of non renewable energy specifically solar energy. The present installed capacity of MES is merely 5.0 MW with the target to be achieved of total capacity of 150 MW by March 2019. Apart from that there is a potential of another 500 MW to be converted to solar power which needs to be harnessed for clean & green cantonments. Accordingly, the aim of the conference is to give impetus to this growth in Defence sector by bringing together the recent trends in solar energy developments at a single platform and gain from knowledge available on the outside world to improve efficiency and speed. It is targeted that MES executives and planners of solar power works shall come at this Forum to interact with specialist of solar power field, National and International bodies and manufacturer/industry to enrich their knowledge.



### Theme

**Innovations in Solar Energy and Renewable Energy for Sustainable Development in India.**

### Technical Sessions

1. Recent Trends in Solar Energy Usage for Power Generation.
2. Engineering, Planning and Contracting of Solar Works.
3. Evacuation and Power System Stability.
4. Battery & Energy Storage- Recent Trends
5. New Frontiers of Renewable Energy. i.e. Biomass, Wind Energy, Geothermal Energy, Fuel Cell etc.
6. Energy Efficiency, Smart Grid & Solar Lights - Recent Trends.





### What do participants gain

- Strategies and Technologies in Solar and Sustainable Energy Infrastructure Project Planning and Management
- Opportunities to connect with key individuals and organizations across the areas of Defence Infrastructure Technology, Planning and Management.
- Sharing of experiences and ideas through papers and presentations.
- Exposure towards new Ideas and approaches to problem solving.
- Application of Standards and Codes
- Impact of awareness programs and need for capacity building
- Risk of Natural and manmade hazards
- Hazard Risk mapping and Preventive Measures
- Significance and Role of various stakeholders
- Sustainable Technologies, Green Building, reduction in carbon foot print etc.

### Who Should Participate

- Technocrats
- Policymakers
- Scientists & Researchers
- Engineers
- Concerned Trainers & Trainees
- Academicians
- Concerned Corporate
- Industry

## **DIPM Council of India**

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## **Exhibition Partner**

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## Call for Papers

Participants who wish to contribute to the seminar with an oral presentation at one of the parallel sessions or wish to publish a technical paper in the conference book are requested to submit the full length paper and one-page, ready-to-print abstract of the full length paper. Speakers/Authors are requested to register in the seminar website for submission of their papers and to send the soft copies of required data through emails as given below.

Seminar website:

[www.dipmcouncil.org](http://www.dipmcouncil.org)

E-mail for correspondence:

[info@dipmcouncil.org](mailto:info@dipmcouncil.org)

Please check the seminar website for guidelines on Submission of Papers.

## Important dates for submission

Receipt of Abstract of Paper: 30, Nov, 2018

Submission of Full length Paper: 15, Dec, 2018

Acceptance of Paper: 30, Dec, 2018

## Souvenir

A souvenir (in color) will be published on the occasion and the rates of advertisement in the Souvenir are as follows;

Outside Cover (multi colour): Rs. 1, 50,000/-

Inside Cover (multi colour) : Rs. 90,000/-

Full Page inner (multi colour) : Rs. 60,000/-

Half page inner (multi colour): Rs. 30,000/-

Quarter page: Rs. 15,000/-

Delegate fees: Rs 8000/- per delegate

## Sponsorship Option

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*\*Please check from the organizing Secretary for Sponsorship and branding details.*

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- Sh. Mukesh Gupta, Director Utility, HQ MES
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