

*Information Bulletin
Call for Papers & Nominations*



Conference on
Solar Power Development
(Including Roof Top Solar Systems) and
Issues for its Grid Connectivity

30 - 31 July 2015

Venue : Conference Hall, CBIP

Malcha Marg, Chanakyapuri, New Delhi



Organizer



Joint-organizer



INTRODUCTION

India currently has an installed capacity of about 268 GW including about 34351 MW from Renewable sources of energy and by 2022 it is expected to touch more than 400 GW. With this the power system is turning out to be complex day by day. With increasing demand for electricity and rising gap between demand and supply situation in India, there is an urgent need to tap all possible energy resources and also address the issues connected with it.

The Hon'ble Prime Minister of India Shri Narendra Modi, recently during RE- Invest 2015 – India's 1st Renewable Energy Global Investors meet held in New Delhi mentioned that so far India has focused on thermal, gas, hydro and nuclear, but now we need to add solar, wind and biogas energy.

Solar technologies are extremely promising with ever-increasing output efficiency and the capability to be used in a variety of locations. The intrinsic qualities of solar design afford it great utility for the following reasons:

- Solar Potential in India is estimated to be 15,00,000 MW. The strategic geographical location of India enables it to have long and sunny days for the major part of the year. Hence solar energy can be the practical solution to generate electricity for the mass of Indian population.
- Solar systems are relatively affordable and applicable to both homes and villages, and the households of industrialized nations are using solar more than ever before.

Solar provides the ability to generate power on a distributed basis thus enables rapid capacity addition in short lead times. Off-grid decentralized and low-temperature applications are advantageous from the rural electrification perspective. From an energy security perspective, solar is the most secure of all sources, since it is abundantly available. Theoretically, a small fraction of the total incident solar energy (if captured effectively) can meet the entire country's power requirements.

Recently, solar has become a popular distributed generation option. Although the output is clean it is also intermittent, making it an incomplete strategy for businesses that need power around the clock, including when the sun is not shining. Likewise rooftop solar system is gaining popularity in the country and various organizations / individuals have already started getting the same installed at their rooftop.

The Government of India has launched Jawaharlal Nehru National Solar Mission in the year 2010 to promote use of solar energy in the country. The National Solar Mission is a major initiative of the Government of India and State Governments to promote ecologically sustainable growth while addressing India's energy security challenge. It will also constitute a major contribution by India to the global effort to meet the challenges of climate change. To boost the development of solar energy and to establish India as a global leader in this field, Government of India has issued guidelines for migration of existing under development grid connected solar projects from existing arrangement to the Jawaharlal Nehru National Solar Mission (JNNSM).

The Government of India has an ambitious mission to have 1,00,000 MW solar capacity by the year 2022. Out of which, it is envisaged to set up of 25 solar parks in various States, each with a capacity of 500 to 1000 MW thereby targeting around 20,000 MW solar generation installed capacity. These solar parks will be put in place in a span of 5 years (2014-15 to 2018-19).

AIM OF THE CONFERENCE

With the aim to bring together all the stakeholders and to discuss issues related to development of Solar Power in the country, Central Board of Irrigation & Power and CIGRE- India in association with IREDA and Solar Energy Society of India (SESI) are organizing a conference on Solar Power Development (Including Roof Top Solar Systems) Issues for its Grid Connectivity on 30-31 July 2015.

DATES AND VENUE

The Conference will be held on 30-31 July 2015 in the Conference Hall, Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri, New Delhi -110021.

WHO SHOULD ATTEND

Senior officers of Power Utilities/ Corporations/ SEBs, State Renewable Development Agencies, State Govt., Regulatory Commissions, Developers, Energy Planners, Private Entrepreneurs, Manufacturers, Consultants, Construction Companies, Financial Institutions, Training Institutes etc., are invited to participate in the above conference.

TOPICS

The issues which are going to be discussed are as under:

- Solar Power Development in India - Opportunities, Issues & Challenges
- Development of Solar Power - Policies, Finance & Technology
- Solar Power Generation Technologies
- CST, CL-CSP Technologies - Issues and Challenges
- Development of grid interactive solar power generation
- Evacuation through Green Transmission Corridor
- Development of off grid Solar Power
- Development of rooftop solar system
- Grid connectivity of Solar System
- Integration of solar generation with thermal & hydro plants
- Overview of the cost of Generation and Tariffs of Solar energy projects in India
- Electrical Energy Storage
- Solar energy net metering
- Financial support for the Solar Energy Sector
- Requirement of Solar Trained Man Power for design, Construction and operation
- Regulatory framework, Policy
- Key drivers of the Solar EPC market; Investors and Developers Perspective
- Experience of Utilities and Case Studies

CALL FOR PAPERS & CASE STUDIES

Papers and case studies on the subject are welcomed.

Besides Eminent experts from various organization like MNRE; IREDA, POWERGRID; POSOCO; State Utility from Gujarat, Rajasthan, Andhra Pradesh, Maharashtra, CERC, State Regulatory Commission, Suzlon, Enercon; Tata, BP Solar, LANCO,; Bermaco (Punjab), JP Green (Kolkata); PRDC (Bangalore), TERI etc. etc. are being invited to deliver expert lecture on the subject.

PROGRAMME (TENTATIVE)

30 July 2015

0900 -1000	Registration
1000 -1100	Inaugural Session
1130 -1730	Technical Session

31 July 2015

1000 -1300	Technical Session
1400 -1730	Technical Session & Panel discussion

Morning Tea: 1100-1130; Lunch : 1300-1400; Evening Tea : 1530-1600 hrs.

REGISTRATION

The participants wishes to participate or make presentations during the conference are is expected to register themselves in advance by making the payment of requisite registration fee. The fee payable by the delegates for participation in the conference is Rs. 12,000/- Service Tax (14%) will be extra.

Discounts in Registration fee :

- Discounted fee for CBIP & CIGRE members and for Group of 5 executive from the same organization - (Rs. 10,000/-). Service Tax (14%) will be extra.
- Fee for the participants from State Govt. Power Utilities – Rs. 6000/- Service Tax (14%) will be extra.
- Fee for Faculty & Students from Academic Institution - Rs. 2,500/- Service Tax (14%) will be extra

The registration fee includes registration kit, one copy of proceedings, working lunch and tea in between the Conference. The delegates shall have to make their own arrangements for boarding, lodging and transport.

The participants, desirous of participating in the conference are required to send following details along with the registration fee to conference secretariat:

REGISTRATION FORM

Name : _____
Designation : _____
Address : _____
Phone : _____
Fax : _____
Email : _____

Spot registration facilities to a limited extent will also be available.

SPONSORSHIP OPPORTUNITIES

The Conference provides an effective opportunity for sponsoring companies to promote their product/ service to a focused audience besides networking with utility engineers during Tea/ Coffee and Lunch intervals. Sponsors are assured of full visibility with printing of their names on main conference banner and other publicity material related to Conference:

Sl. No.	Category	Fee in Rs.
1.	Platinum Sponsor	3,00,000
2.	Gold Sponsor	2,00,000
3.	Silver Sponsor	1,00,000

PAYMENT AND CORRESPONDENCE

All the payment in respect of this event i.e. Registration fee & sponsorship fee may be made through DD/ at par Cheque in favour of "Central Board of Irrigation and Power" payable at New Delhi or by transfer to Bank Account No. 034601000738 in ICICI Bank Limited, 16/48, Chanakyapuri, Malcha Marg Shopping Center, New Delhi 110 021 with details of such transfer to be furnished. Name of the event should be mentioned under subject in all the correspondence relating to this Conference.

OFFICIAL LANGUAGE

The official language of the Conference is English

CONFERENCE SECRETARIAT

Central Board of Irrigation & Power and

Solar Energy Society of India

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