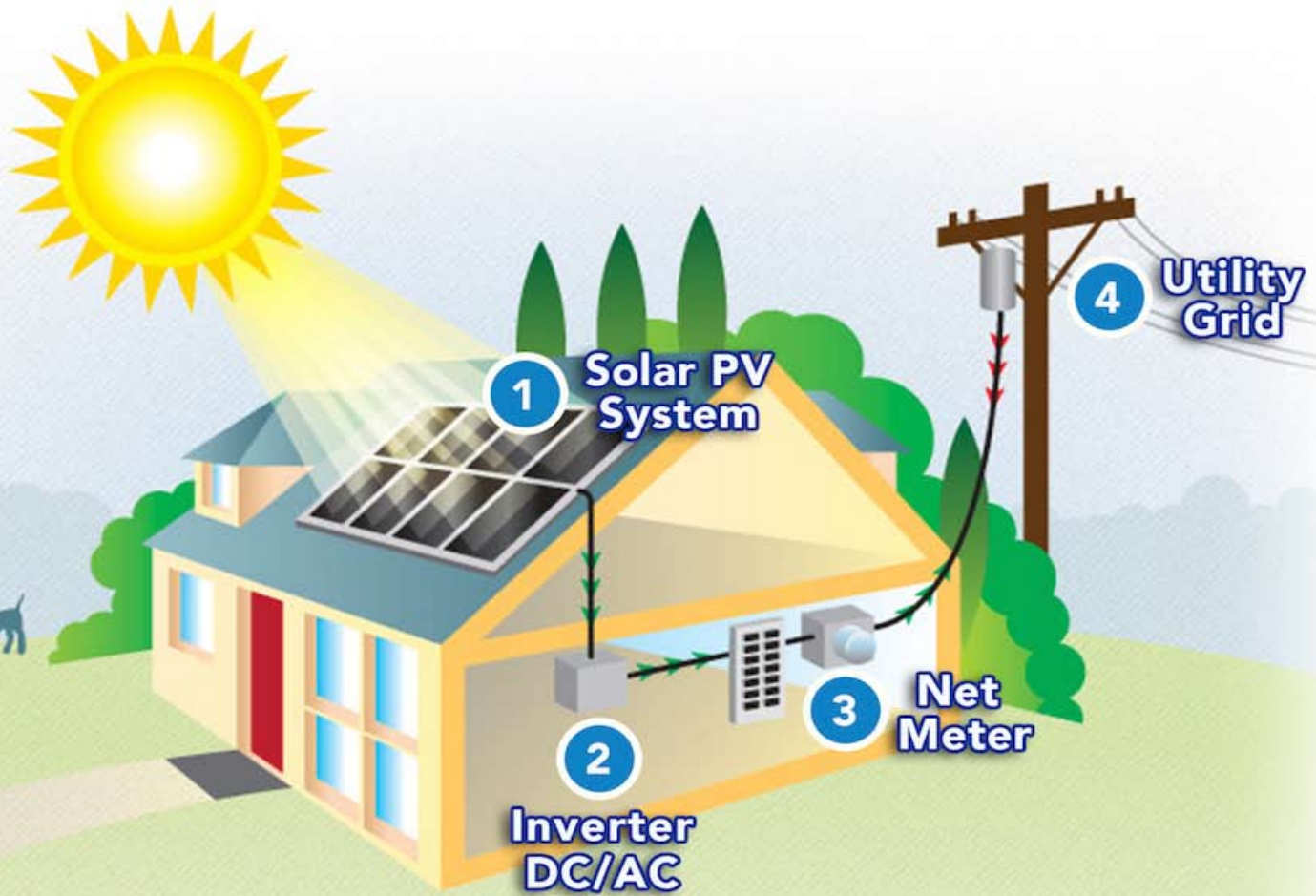


Conference

# SMART METERING: POST-PAID, PRE-PAID AND NET METERING

6-7 September 2018

CBIP Conference Hall  
Malcha Marg, Chanakyapuri, New Delhi



*Organised by*



Central Board of Irrigation & Power

*in association with*



## ANNOUNCEMENT

The Central Board of Irrigation and Power, New Delhi is organizing a Conference on “Smart Metering : Post-Paid, Pre-Paid and Net Metering”, on 6<sup>th</sup> - 7<sup>th</sup> September 2018 at CBIP Conference Hall, Malcha Marg, Chanakyapuri, New Delhi

## AIM OF THE CONFERENCE

India has taken giant strides in achieving its vision of deploying smart meters for all households. With Ministry of Power (MoP) mandating smart meters in various schemes and policies, CEA publishing Functionality of Advanced Metering Infrastructure (AMI), Smart Metering Specification and Rollout Strategy of smart meters, and BIS issuing standards for smart metering, India is on the threshold of a massive deployment of smart meters. It is pertinent to mention that as per CEA specification, smart meters have the capability of being operated in both post-paid and pre-paid mode. Furthermore, smart meters can also be used as net meters, thereby assisting to achieve the vision of Government of India for installing 40 GW of roof top solar by 2022. Recently, MoP has announced that all existing meters to be replaced with smart pre-paid meters in the next 3 years which is a great initiative.

Net metering is an agreement that allows the solar PV system owner to sell excess solar energy to the utility company or buy deficit energy from the utility company using a meter to track this energy exchange. If at any moment of time, if solar energy generation (kWh) is less than the load requirement at that time, the difference of energy is taken from the main grid and the meter runs forward, as usual. In this case, the system owner is charged for the units (kWh) consumed from the main grid. If solar energy generation (kWh) is more than the load requirement at that time, the excess solar energy is fed back to the main grid and the meter now runs backward. In this case, the system owner gets credit for the units (kWh) fed back to the main grid. As on date, 30 states and UTs in India have implemented the policy to support “Grid Connected” Solar PV. Since the system owner is charged for the net energy consumed from the utility grid, the owner gets financial benefits. e.g. If energy generation < energy consumed: owner pays just for the net amount. If energy generation > energy consumed: the owner gets credit for excess generation.

The concept of net metering is something that works as an incentive for both – the supplier and the consumer. Net Metering is essentially the process of giving back surplus energy being produced to the grid. Solar energy producers are capable of producing more energy than they consume.

The broad objective of the Conference is to provide a platform for all stake holders of the country i.e Regulators, Generators, Generating Plant Suppliers, Distribution companies and users to share their views and reach a consensus for uniform policy for the whole Country.

## TOPIC

### **Session 1 : Smart Metering**

- AMI Functionalities and Smart Metering Specification
- Pre-Paid Feature of Smart Metering
- Sharing Prepaid Experience

### **Session 2 : Net Metering - Specifications**

- Net Meter – CEA Metering Regulations
- How it is different from Consumer Meter
- Understanding Net Meter Specifications

### **Session 3 : Net Metering - Field Experience**

- Utility Experience with Net Metering
- Typical Issue Faced in Planning Net Meter Specifications
- Utility Sharing Net Metering Installation Process

### **Session 4 : Net Metering - Consumer Views**

- Solar Pump Scheme
- Govt Building
- Individual Consumer

### **Session 5 : Net metering – Beyond Roof Top Solar**

- Usage of Smart Batteries
- Agriculture Pump – Bio Gas
- Micro Grids/ Wind Energy

## Session 6

- Various Business Models for Smart Metering & RESCO/ Financers Experience
- **Panel Discussion** : Net Metering a Tool for DSM and to Control Peak.

## WHO SHOULD ATTEND

Officers of Regulators, Generators, Generating Plant Suppliers, Power Utilities/Corporations, State Govt./SEBs, Nodal Agencies, Energy Planners, Private Entrepreneurs, Manufacturers, Development Consultants, Research/Academic Institutions, Distribution Companies and Financial Institutions etc.

## CALL FOR PAPERS

All concerned wishing to present paper(s) on one or more of the above-mentioned topics/allied topics are requested to send their proposed paper(s), on A4 size (210 mm x 297 mm) paper, in English to the conference secretariat, before **16<sup>th</sup> August 2018**.

Papers should contain:

- A descriptive but brief title
- Name(s) and affiliation(s) of the author(s)
- Address for correspondence (including fax number and E-mail address)
- Detailed information about the contents and conclusions of the paper.

The papers will be reviewed by the Technical Committee of the conference for their suitability for presentation at the conference.

The authors of the papers selected for the conference will be so intimated by **25<sup>th</sup> August 2018**. A condition of acceptance of papers is that the author or one of the authors (in case of multiple authors) will attend the conference.

## DATES TO REMEMBER

Receipt of full-length paper      **16<sup>th</sup> August 2018**

## EXPERT LECTURE

Eminent experts both at National and International level are being invited for Keynote/Theme /Special addresses.

## REGISTRATION

The perspective participants, desirous of attending the conference may register themselves by sending the following details to CBIP along with necessary registration fee:

Delegate Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Organization : \_\_\_\_\_  
Mailing Address : \_\_\_\_\_  
Phone/Fax/E-mail : \_\_\_\_\_

The registration fee payable by the delegates, for participation in the Conference is as follows:

(i) Rs. 12,000/- per participant.      (ii) Discounted Fees of Rs. 10,000/- per participant for members of CBIP

GST @ 18% shall be charged Extra

GST No. AAAJC0237F1ZU

The Conference is non-residential and timing will be 10:00 AM to 5:00 PM on both the days. The registration will start at 9:00 AM on day one at the venue of the conference.

Registration fee shall cover the registration kit, and Tea/ coffee / lunch during the Conference. Participants will have to make their own arrangement for travel, boarding and lodging, etc.

## SPONSORSHIP OPPORTUNITIES

The Conference provides an effective opportunity for sponsoring companies to promote their products/services to a focused audience, besides networking with engineers of utility, manufacturers and academic institutions during tea/coffee and lunch intervals. Sponsors are assured of full visibility with printing of their names on proceedings, banners and other publicity material related to Conference and will have the privilege of distribution of their product's pamphlets/catalogues during the Conference. Sponsors will also have the privilege of sending delegates exempted from payment of registration fee as indicated hereunder:

<b>Platinum Sponsorship INR 3,00,000</b>	<b>Gold Sponsorship INR 2,00,000</b>	<b>Silver Sponsorship INR 1,00,000</b>
<ul style="list-style-type: none"> <li>• 15 delegate passes</li> <li>• Company logo on Backdrop &amp; Cover Page of Proceeding Volumes</li> <li>• Advertisement (Special Position) in the Proceeding Volumes.</li> <li>• Distribution of product's pamphlets/catalogues during the Conference</li> <li>• Exhibit Space</li> <li>• Announcement– Thanking Sponsor</li> <li>• Advertisement in the key journal published covering report of Event</li> <li>• Speaking Opportunity</li> </ul>	<ul style="list-style-type: none"> <li>• 10 delegate passes</li> <li>• Company logo on Backdrop &amp; Cover Page of Proceeding Volumes</li> <li>• Advertisement (Special Position) in the Proceeding Volumes</li> <li>• Distribution of product's pamphlets/catalogues during the Conference</li> <li>• Exhibit Space</li> <li>• Announcement – Thanking Sponsor</li> </ul>	<ul style="list-style-type: none"> <li>• 5 delegate passes</li> <li>• Company logo on Backdrop &amp; Cover Page of Proceeding Volumes</li> <li>• Distribution of product's pamphlets/catalogues during the Conference</li> </ul>

## PAYMENT

Registration /Sponsorship - Bankers Cheque Payable to Central Board of Irrigation & Power payable at New Delhi or Through bank transfer to Central Board of Irrigation and Power, the details as required are as below:

<b>Beneficiary Name &amp; address</b>	<b>Central Board of Irrigation &amp; Power</b> Malcha Marg, Chanakyapuri, New Delhi – 110 021
<b>PAN No.</b>	AAAJC 0237F
<b>GST No.</b>	07AAAJC0237F1ZU
<b>Complete Bank details</b>	<b>Saving Bank Account No.:</b> 00031110004411 <b>Branch /RTG/NEFT IFSC:</b> HDFC0000003 <b>MICR Code:</b> 110240001 <b>Swift Code:</b> HDFCINBBDEL <b>Bank Name:</b> HDFC Bank <b>Bank Address:</b> 209-214 Kailash Building, 26 Kasturba Gandhi Marg, New Delhi-110001

**Note :** GST 18% extra on all the payments. No other method of payments is acceptable. Bank charges, if any must be borne by the participants and should not be deducted from the amount remitted to the organizer.

**VENUE :** CBIP Conference Hall, Malcha Marg, Chanakyapuri, New Delhi 110 021

**CLIMATE :** The temperature varies in Delhi in September ranges from 34-38°C.

## CONFERENCE SECRETARIATE

**Mr. V.K. Kanjlia, Secretary**

**Mr. P.P. Wahi, Director**

**Central Board of Irrigation and Power**

Malcha Marg, Chanakyapuri, New Delhi-110021, India

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