

Webinar

On

“Emerging Trends in Metering Technologies”

Date : 01st December, 2023 (Friday)

Time: 2.00 PM to 5.30 PM



Organised by
Energy Meter Testing Laboratory
Central Power Research Institute
Bhopal-462023

website: www.cpri.in

Present scenario of Smart Metering

The Government of India has notified the timeline for replacing the existing static meters with 'Smart prepaid meters' having a facility to enable prepayment / post payment and connect / disconnect feature. The replacement work is estimated to be completed in two phases by December'2023 and March'2025.

The Central Electricity Authority (CEA) technical specifications say that smart meters should have features such as: Bidirectional communication, integrated load limiting switch, remote firmware upgrade, net metering, prepaid, postpaid and time of day tariff features over and above the measurement of electrical energy parameters.

The information on EESL's 'National Smart Meter Program' states that deployment of smart meters can reduce 11- 36 % AT & C losses and can improve billing efficiency up to 21%.

CPRI is having almost all test facilities of smart meters at various units. CEA has designated CPRI as one of the laboratories for Cyber security Conformance testing. The facility is available at CPRI, Bengaluru and will be established in Bhopal, Hyderabad, Noida, Nashik and Raipur shortly.

PROGRAM OBJECTIVE:

The objective of this program is to share the basic architecture, the functionalities of smart meters, various features of smart meter and its uses in AMI, issues while using cloud services and cyber security in smart meter. Program will also include different kind of testing and update in standards related to smart meters.

PROGRAM PROFILE:

- Smart Meter a "Boon or Curse".
- Smart Meter Testing Standards and Amendments
- DLMS Testing and Communication Technologies
- Cloud Services in Advanced Metering Infrastructure
- Smart Meter testing challenges under Switching capabilities point of view

Registration Charges

Sl.No.	Institutions	Fee per person per day (in INR)
1.	State Power utilities / Government agencies up to 5 participants:	₹ 750 + GST 18%
	Group discount for nomination of:	
	a) More than 5 participants up to 10 participants.	₹ 650 + GST 18%
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2.	Private Sector up to 5 participants.	₹ 1000 + GST 18%
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	a) More than 5 participants up to 10 participants.	₹ 750 + GST 18%
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3.	Students & of Educational Institutions	₹ 500 + GST 18%
4.	Faculty Members of Educational Institutions	₹ 500 + GST 18%
5.	Lump sum amount if the participation is more than 10 people up to 50 people per batch for academic institutes.	₹ 7500 + GST 18%
6.	Charges for foreign delegates	₹ 1500 + GST 18%

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- Registration charges shall be paid in advance by online mode. Link for Online payment is https://cpri.res.in/online-testing/pay_online OR from CPRI website through PAYONLINE Tab
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Click the below link for registration:

<https://forms.gle/CvK2eCPqs6GtFUFfA>

Link for attending the webinar will be shared one day prior to webinar.

Chairman: Smt. Sumbul Munshi, Joint Director (Unit Head) STDS, CPRI Bhopal

Organizing Committee:

Mrs. Leena H Roy

Mrs. Deepa Warudkar

Dr. Priyamvada Chandel

Mr. Surendra Kalambe

Mr. Gyan Prakash Nirmal

Mr. Gaurav Gupta

Mr. Rajesh Kumar Sharma

Program Co-ordinators:

Mrs. Deepa Warudkar, Engineering Officer (Mob: 9425370622)

Dr. Priyamvada Chandel, Engineering Officer (Mob: 9893198143)

Mr. Surendra Kalambe , Engineering Officer (Mob: 9421777340)

Contact:

Mr. Gyan Prakash Nirmal, Engineering Officer (Mob:9451113612)

Mr. Gaurav Gupta, Engineering Officer (Mob:9466286669)

email : stdsemtl@cpri.in