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NATIONAL SMART GRID
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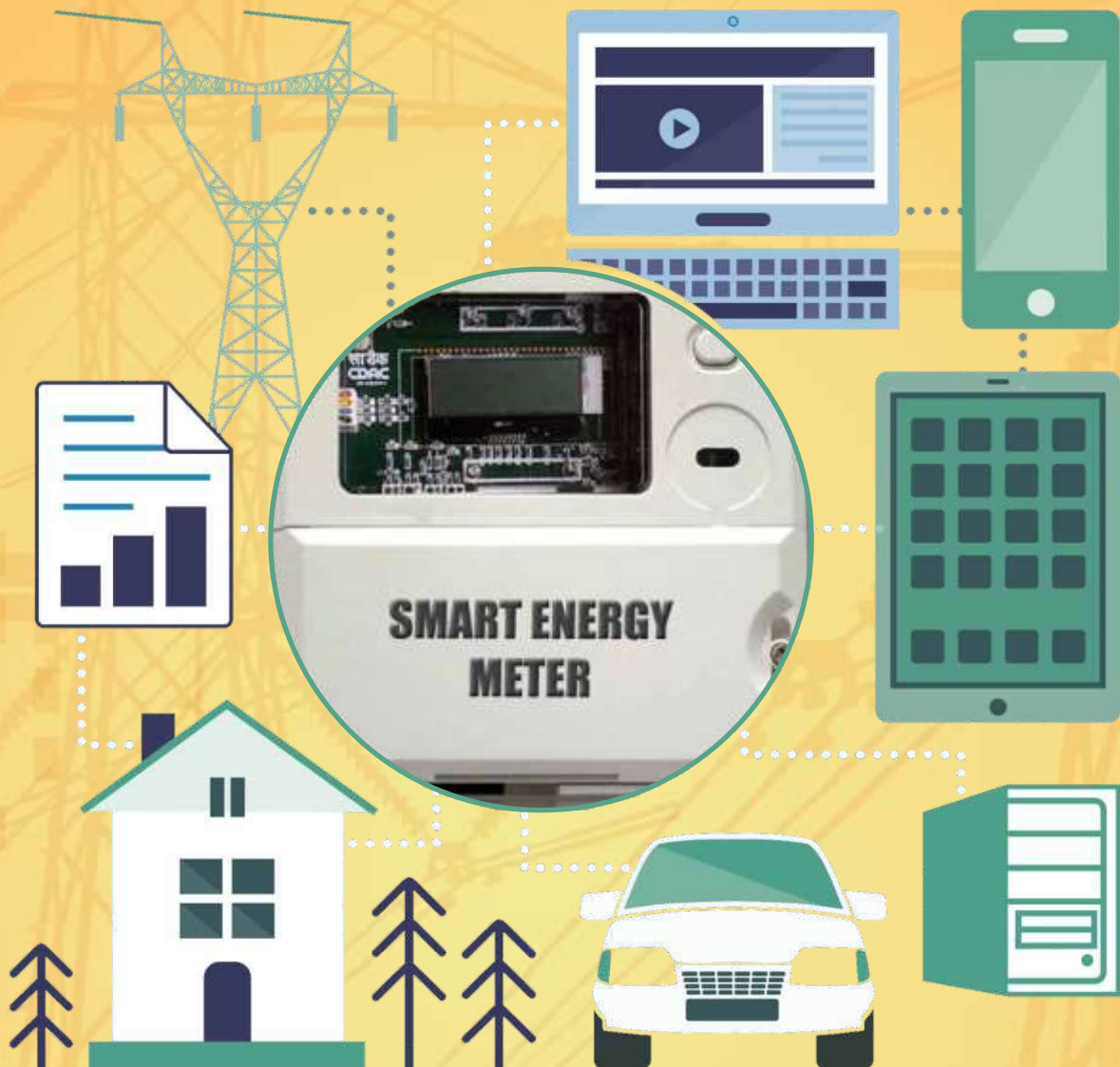
MINISTRY OF POWER
GOVERNMENT OF
INDIA

ISGF

India Smart Grid Forum

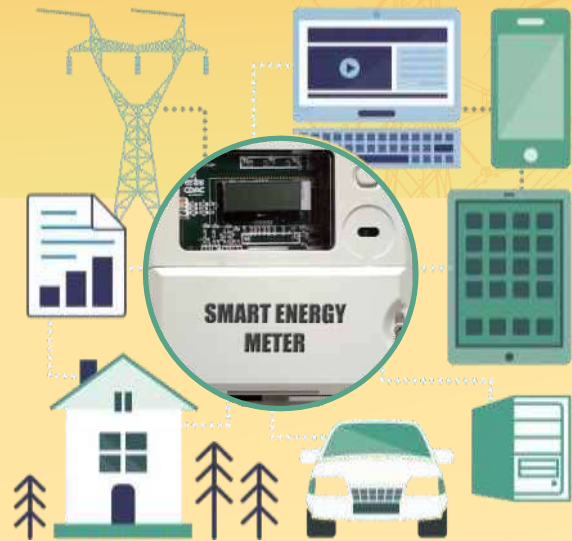
Online (Recorded) Training Program

ADVANCED METERING INFRASTRUCTURE (AMI)



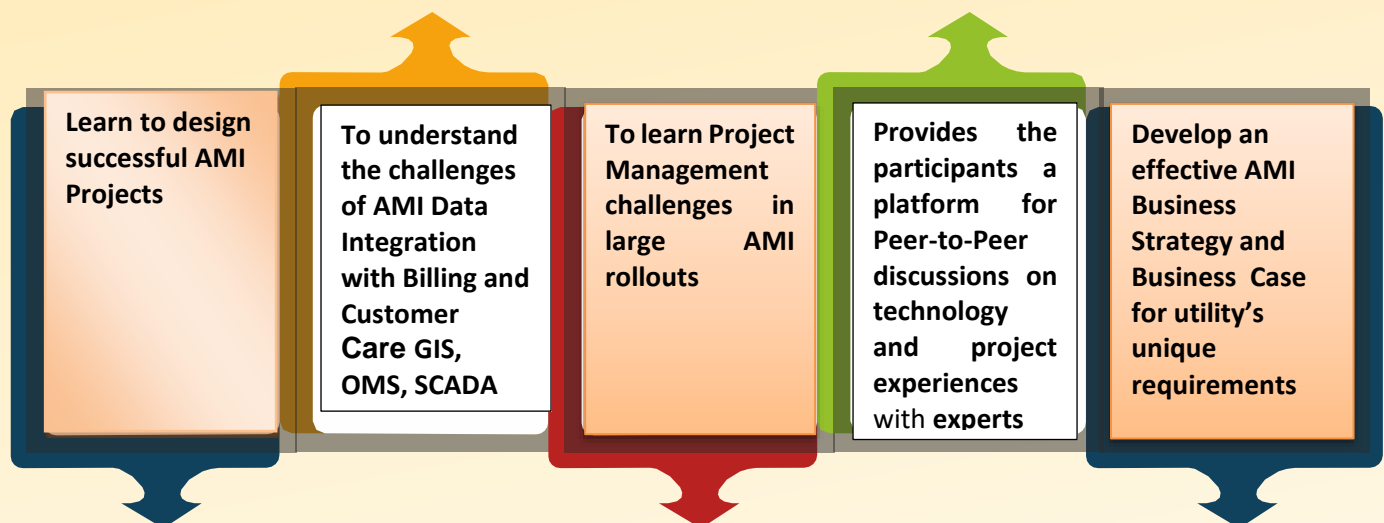
A. Introduction

Since inception in 2011, India Smart Grid Forum (ISGF) has been spearheading the movement towards digitalization of utilities in India. Although, the actual implementation in many utilities may still be not satisfactory, there is already a unanimous voice for taking this journey to full digitalization. The DISCOMs that have proper billing and collection systems and online payment facilities are able to collect their dues much better than those who do not have such systems. Similarly, where ever smart metering systems are in place, utilities are able to issue bills based on actual consumption. In the aftermath of COVID-19, these digital platforms have become the coveted assets for utilities in their business continuity and resiliency.

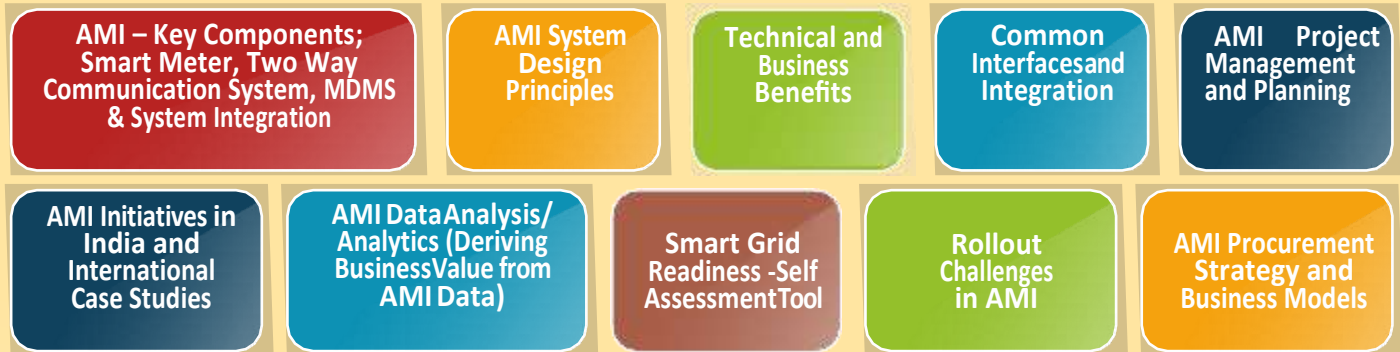


Advanced Metering Infrastructure (AMI) or smart metering system eliminate the need for physical meter reading by the utility's personnel visiting the customer premises which most customers would detest in the present scenario. Even before COVID-19, Ministry of Power (MoP), Government of India was planning to launch a ground breaking program mandating smart meters for all 250 million+ electricity customers in India. This is expected to be announced very soon. AMI is an integrated system of smart meters, communication networks and data management systems that enables two-way communication between utilities and customers. To Rollout of 250 million smart meters all across India in 4-5 years would require massive capacity building in all areas – meter design, manufacturing, meter installation, communication and IT systems planning and design, implementation and system integration, project management and change management. AMI is a new concept that require in-depth knowledge of three distinct technologies: metrology, telecommunications and IT for its successful implementation and operations. The DISCOMs are well versed with the electrical technologies of the electricity grid, but when it comes to telecommunications and IT, their expertise is limited. Besides the fact that AMI is an evolving technology adds to the challenge.

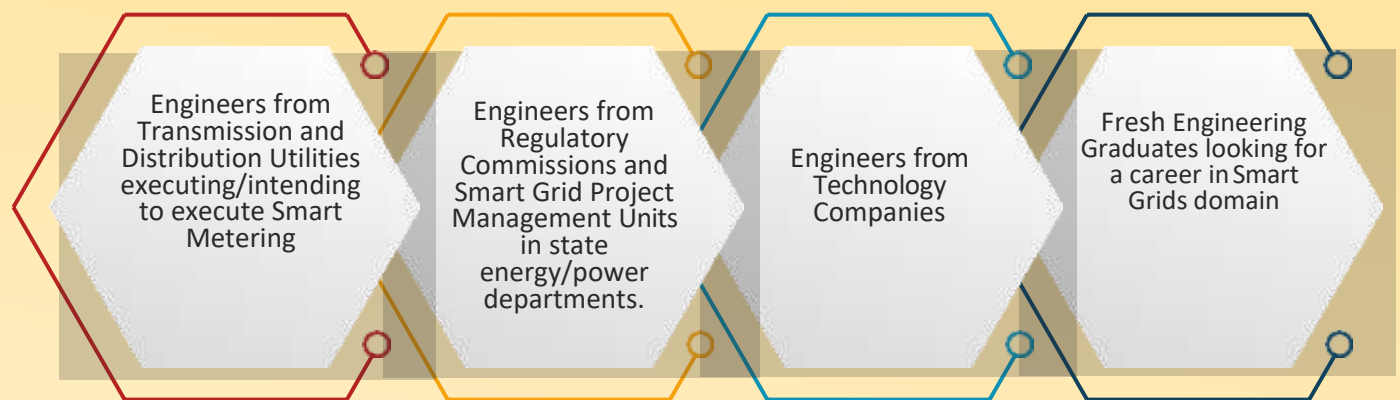
B. Objectives



C. Course Modules



D. Target Audience



E. Training Methodology

Recording of Training Session by experts/speakers will be available on ISGF Portal to view or access at any time and any number of times for reference

Course Material/Presentations of all the Sessions will be emailed to the participants as soon as they are registered and Course Fee is paid.

F. Assessment & Certification

- At the end of the course an assessment will be conducted of Multiple -Choice Questions (MCQs)
- Trainees undergoing Online (Recorded) Training Courses will be awarded **Certificate of Completion** through Email.

G. Fee & Registration

INR 5000

++ GST
18%

All Online (Recorded) Trainees will register following this link at ISGF Training Portal
<https://indiasmartgrid.org/onlinetrainingprogram/>

Special Offers:

- 25% discount for current ISGF Members
- 25% discount for Bonafide Students and Faculties
- 25% discount on Group Registration for more than 4 persons from the same organization

Please note:

- Two discount offers cannot be clubbed together
- Valid identity proof of Bonafide Students/Faculties has to be emailed to ronkini.shome@indiasmartgrid.org to avail the discount
- ISGF Members have to email to ronkini.shome@indiasmartgrid.org to avail the discount

H. List of Tutors



Ajoy Rajani
CyanConnode



Amarjeet Kumar
Shrama Technologies



Amit Bansal
Tata Power Delhi Distribution Ltd



Andrew Ginter
Waterfall Security



Anant Venkateshwara
ISGF



Atul Bali
National Smart Grid Mission, Mop



Daniel Nordell
Xcel Energy, USA



Glen Pritchard
PECO, USA



Jonathan Pettit
Oncor Electric Delivery



N. Murugesan
ISGF



Reena Suri
ISGF



Reji Pillai
ISGF & GSEF



Rajeev Kharyal
Tata Power Delhi Distribution Ltd



Sanjeev Rana
Tata Power Delhi Distribution Ltd



Vikas Kashyap
ISGF

About ISGF

ISGF is a public private partnership initiative of Govt. of India with the mandate of accelerating smart grid deployments across the country. With 170+ members comprising of ministries, utilities, technology providers, academia and research, ISGF has evolved as a Think-Tank of global repute on Smart Energy and Smart Cities. Mandate of ISGF is to accelerate energy transition through clean energy, electric grid modernization and electric mobility; work with national and international agencies in standards development and help utilities, regulators and the Industry in technology selection, training and capacity building.