

# ISGF

India Smart Grid Forum

Organizing Partner

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Host Utilities



# DISTRIBUTION UTILITY MEET DUM 2019

**3<sup>rd</sup> Annual Conference of Power Distribution  
Utilities for Collaborative Growth**

07 - 08 November, 2019 | New Delhi



## DUM 2019



07 - 08 Nov 2019



Eros Hotel, Nehru Place, New Delhi



[www.dumindia.in](http://www.dumindia.in)

**Participation by Invitation Only**

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## BACKGROUND

India completed Village Electrification in April 2018- a journey that started 50 years ago which connected more than 619000 villages to the Indian Electricity Grid. Through a focussed program "SAUBHAGYA" launched by Ministry of Power, 26.3 million households in the rural India were connected to the grid by March 2019 in 17 months - a world record! With these important milestones, 99.9% households in the country are now grid connected. Next challenge is to supply 24x7 quality power at affordable rates which is sustainable. Impact of adding 26.3 million new customers on the distribution grid with respect to peak load management, network overloading, AT&C losses and Discom's finances are yet to be evaluated.

India is also aggressively pursuing the renewable energy program with a target of 175 GW by 2022 and electric mobility with a target of 6-7 million electric vehicles by 2022. Smart Grid technologies have emerged as the key enablers for both integration of distributed and variable renewable energy as well as electric vehicles. The widespread deployment of smart grid technologies is crucial to achieving a more secure and sustainable energy future as well as addressing current concerns with existing electricity systems, such as ageing infrastructure and increasing peak loads. Smart Grids have also emerged as the critical enabling infrastructure for all flagship programs for Government of India (GoI) such as 24x7 Power for All, 100 Smart Cities, 175 GW of Renewable Energy by 2022, National Mission on Electric Mobility with a target of 6-7 million Electric Vehicles by 2022, Smart metering for all electricity customers on fast track etc. Smart grid is still an emerging concept and utilities around the world have started gaining experience in smart grid technologies. As India embarks on its Smart Grid journey, it is imperative that we do not make the same mistakes but learn from each other's experiences.

Towards this objective, ISGF has been organizing Distribution Utility Meet (DUM) since 2017. The first edition of DUM in 2017 was hosted by Bangalore Electricity Supply Company (BESCOM) in November 2017 in Bangalore and the second edition was hosted by Tata Power Delhi Distribution Ltd (Tata Power - DDL) and Tata Power Mumbai Mumbai in Nov 2018. DUM 2018 was a huge success with participation of 35+ utilities from India. DUM provides a unified voice to influence and enable the DISCOM community to leverage each other's experiences for successful nationwide smart grid roll outs and to bridge the gap between strategy and execution. Leading utilities from USA, Canada and Europe also participated in DUM 2018 and shared their experiences in implementing Smart Grid Technologies.

Third edition of DUM 2019 will be held on 07 - 08 November 2019 in New Delhi and will be hosted by BRPL, BYPL, Tata Power - DDL and Tata Power Mumbai.

## OBJECTIVES



Evaluate Regulatory, Policy, Financial and Business Challenges of Discoms for Sustainable Solutions



Discuss and Evaluate New and Emerging Business Models and Monetization Options



Emerging Technologies, their Benefits and Brainstorm Demonstration Projects.



Discuss Case Studies and Best Practices from Across the Globe

## Previous Editions of Distribution Utility Meet

### Distribution Utility Meet 2018 & 2017

India Smart Grid Forum in collaboration with Tata Power Company Ltd as the Host Utility, organized the 2nd Annual Distribution Utility Meet (DUM 2018) in November 2018 in Mumbai. NREL and Rocky Mountain Institute (RMI) were Knowledge Partners for the event

DUM 2018 was a huge success and has received accolades from all the participants, most importantly from the Indian utilities

The 1st edition of DUM in 2017 was hosted by Bangalore Electricity Supply Company (BESCOM) in November 2017 in Bangalore along with knowledge partners IEEE and EPRI.

## Key Highlights of Distribution Utility Meet (Dum 2018)

- DUM 2018 was organized with the objective of bringing senior experts from electricity distribution utilities in India and overseas and think tanks from around the world to share their experiences in emerging technologies implementations and best practices
- The meet was attended by senior officials of more than 35 Indian Electric Utilities
- 2 International Utilities - TEPCO from Japan and ENEDIS from France
- Participation of more than 300 delegates
- 18 technology companies as exhibitors who showcased their solutions and emerging technologies in the Smart Grid domain
- 30+ eminent experts shared their experiences
- The key themes and topics covered during DUM 2018 were: Regulatory and Enabling Environment for Smart Grids; New Technologies to Accelerate Cost Effective Grid Modernization; DER Impact on Distribution Grid; Customer: Journey from Data to Insight to Engagement; and Business Models for Evolving Opportunities

## Glimpses of DUM 2018 Conference



## TARGET AUDIENCE

Senior officials from Electricity Distribution Utilities in India

1

Experts from International Utilities

2

Representatives of industry working with Utilities on Specific Projects

3

Senior Government Officials from Energy Departments from various States

4

Academic Institutions and Knowledge Partners

5

Senior Officials from Ministry of Power, MNRE & CEA

6

## THEMES OF DUM 2019



### New Programs & Projects

- 24x7 Quality Power Supply – What needs to be done on ground to achieve this?
- 300 Million Smart Meters -Rollout Plans and Challenges
- Preparedness of Discom and the Industry for 300 million Smart Meters



### Sustainability of Discoms

- Business Models for Discom's Sustainability
- Impact of SAUBHAGYA on AT & C Losses and Discom Finances
- Training & Capacity Building
- EVSE Business Models
- New Revenue Streams



### New Technologies & New Challenges

- Grid Stability with increasing penetration of DER and Electric Vehicles
- Peer to Peer Trading of Rooftop Solar Energy on Blockchain
- Leveraging Artificial Intelligence (AI) & Machine Learning (ML) in Utility Operations
- Business Case for Energy Storage Systems
- Next Generation Distribution Automation Systems
- Augmented & Virtual Reality for Utility Operations
- Cyber Security for Power Systems

**Special Session on Women in Energy**



### Voice of the Customer

- What Customers want?
- New Platforms for Customer Engagement
  - Customer Portal
  - Chatbots
  - Voicebots



### Special Session with City Gas Distribution Utilities

- Common Billing and Collection Systems for Electricity and Gas Utilities
- Sharing of Customer Data
- Common Call Centers
- Sharing of GIS Maps
- Sharing of Last Mile Communication Systems

**Participation by Invitation Only**

Contact us



India Smart Grid Forum

+91-11- 41057658 | dum2019@indiasmartgrid.org