

DISTRIBUTION UTILITY MEET 2022

Sixth Annual Conference of
Power Distribution Utilities
for Collaborative Growth

17 - 18 November 2022

📍 Hotel Taj Vivanta
Bhubaneshwar, Odisha





INTRODUCTION

The recently launched RDSS program envisages to install smart meters for 250 million electricity customers as well as to modernize the electricity distribution network with an estimated investment of over Rs 3 trillion in next 4-5 years. This is going to fundamentally transform the power sector in India in many ways. The smart meters and the modern grid equipment that will be installed under this program will digitalize the electric utilities in India on fast track. Since inception in 2011, India Smart Grid Forum (ISGF) has been spearheading the movement towards digitalization of utilities and have undertaken various initiatives to promote the same. 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 Company Ltd (TPC) in Mumbai in November 2018. The Third Edition of DUM was organized in New Delhi and was co-hosted by BSES Rajdhani Power Ltd (BRPL), BSES Yamuna Power Ltd (BYPL), Tata Power Company Ltd and Tata Power Delhi Distribution Ltd. Fourth and Fifth editions were held digitally in 2020 and 2021 with host utilities BSES Rajdhani Power Limited, BSES Yamuna Power Limited, Tata Power Delhi Distribution Ltd and Tata Power Company Ltd. All the previous editions of DUM were huge success that attracted the attention and participation of majority of the distribution utilities in India. Experts from leading utilities from USA, Europe and Japan have participated in DUM and shared their experiences in implementing new and emerging technologies for grid modernization and energy transition.

Odisha is the first state in the country to have undertaken reforms and restructuring in the power sector way back in the 1990s. In 2020-21, privatisation of power distribution companies in Odisha has brought about a commendable transformation in a short span of time despite the ongoing pandemic:

- In one year, more than 10 lakhs defective and mechanical meters replaced. Smart Metering Initiated in all four Discoms
- AT&C losses reduced by more than 5% in TP Central Odisha Discom in the first year
- No default, monthly payments to GRIDCO for power purchase is being made in advance
- INR 750 crore old dues collected and given to GRIDCO
- All direct employees have been retained, 3000 new employees recruited and 30000 contract employees engaged
- Implementation of Smart Grid Technologies initiated

All this despite 2 waves of Covid and the YAAS Cyclone. The disaster mitigation work after Yass Cyclone in 2021 is also commendable with restoration of power supply to 95% of the customers within 48 hours. ISGF believes that there is a lot to learn from the transformational journey taking place in Odisha Discoms for other utilities in India.

In view of the above, ISGF has decided to host the 6th edition of its Distribution Utility Meet (www.dumindia.in) in Bhubaneswar, Odisha on 17-18 November 2022. DUM 2022 will provide a unique platform for all the DISCOM community to witness the transformation taking place in Odisha as well as to share each other's experiences in dealing with efforts towards automation, grid modernization and digitalization on a fast track as we leapfrog towards a Net Zero power sector in India. In the post pandemic world, it is imperative that utilities do not make the same mistakes but learn from each other's experiences and also bring global expertise and experiences to India. Experts from leading utilities from USA, Europe and Japan will be invited to participate in DUM 2022 and share their experiences.



OBJECTIVES



Discuss the Distribution Grid Modernization Plan under the RDSS with an outlay of INR 3 trillion



Discuss the Challenges and Roadmap for Roll-out of 250 million Smart Meters



Discuss and Evaluate New and Emerging Technologies, Business Models and Monetization Options for DISCOMS



Discuss Automation and Digitalization of Processes and Operations of DISCOMS leveraging existing systems at incremental cost



Discuss Case Studies and Best Practices from across the Globe



Evaluate Regulatory, Policy, Financial and Business Challenges of DISCOMS

TARGET AUDIENCE

01

Senior officials from Electricity Distribution Utilities in India

02

Experts from international utilities

03

Representatives of industry working with utilities on specific projects

04

Academic institutions and research organisations

05

Senior officials from Ministry of Power, MNRE, CEA and Electricity regulatory

06

Senior Government officials from Energy Department from various states

THEMES OF DUM 2022

Green Energy Open Access Rules and other Energy Transition Challenges to DISCOMS



AMI Rollout Plans and Challenges for DISCOMS



Network Automation Plan and Roadmap under Component-II of RDSS



Distribution Sector Reforms: Recent Experiences and Challenges



Renewable Energy and Electric Vehicle Integration Challenges to DISCOMS



Customer Expectations, Supply Reliability and Service Delivery Challenges



New and Emerging Technologies for Electric Utilities



Disaster Management Plan and Readiness of DISCOMS



GLIMPSES OF SESSIONS AND EXHIBITIONS AT DUM FROM 2017 ONWARDS



KEY HIGHLIGHTS OF DUM 2021



DUM 2021 was held virtually and had 5 Technical Sessions, 1 Plenary Session and 1 Inaugural Session



DUM 2021 was attended virtually by senior officials from more than 35 Indian Electric Utilities



Participation of more than 500 delegates on both the days of the program



6 technology companies as exhibitors showcased their solutions and products



72+ eminent experts shared their experiences



International Participation of utilities from 9 countries



Knowledge Partners 2021



Platinum Exhibitors 2021



.....and many more

About ISGF

The India Smart Grid Forum (ISGF) is a Think-Tank of global repute on Smart Energy, Electric Mobility and Smart Cities. ISGF, established as a Public Private Partnership initiative of Government of India in 2011, is spearheading the mission to accelerate electric grid modernization and energy transition in India. ISGF is registered as a Not for Profit Society under Indian Societies Act and have its registered office at CBIP Building, Malcha Marg, Chanakyapuri, New Delhi 110021.

For Participation at DUM 2022, please write to yashika@indiasmartgrid.org. For Sponsorship, Exhibition and Special Participation Packages, other enquiries please write to sneha@indiasmartgrid.org



India Smart Grid Forum

India Smart Grid Forum (ISGF)

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