

ORGANIZER



HOST UTILITIES



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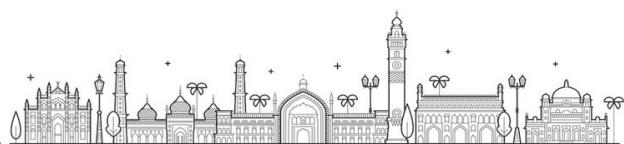


DISTRIBUTION UTILITY MEET DUM 2024

8th Annual Conference of Power Distribution
Utilities for Collaborative Growth

14 - 15 NOVEMBER 2024

**THE CENTRUM HOTEL
LUCKNOW, UTTAR PRADESH**



www.dumindia.in

dum@indiasmartgrid.org

#DUM24

DISTRIBUTION UTILITY MEET 2024



INTRODUCTION

The electric utilities in India are on the cusp of a major digital transformation. The 250 million smart meters being rolled out on fast track is going to be the engine of this profound digital transformation. The recent launch of **PM Suryoday Yojana** with the target of 10 million solar rooftop systems (up to 30 GW cumulative capacity) will fundamentally change the architecture and operating regime of the distribution grids. Another newly launched program **Vision 2030: PM Public Transport Sewa** is envisaging 600 km of electric highways, replacement of 800,000 diesel buses with electric buses including 50,000 school buses. This would require MW-scale power connections at thousands of bus depots across the country, necessitating major upgrade to the distribution grids in India. With several concurrent programs demanding drastic re-designing of the distribution grids being undertaken at fast pace, Discoms are on their heels again! They have no time and scope for making errors or delays, hence the very motto of Distribution Utility Meet (DUM) of “**Experience Sharing and Learning from Each Other**” is more relevant now than ever!

Uttar Pradesh (UP) has added over 10 million new electricity customers in the last decade which is driving the growth of power demand UP. The summer peak in 2023 was 28,000 MW. The power supply is almost 24x7 in urban areas and it is above 99% in rural areas. The state aims to generate 88% of its projected electricity growth from solar by 2030, with a cumulative solar capacity of 23.5 GW. Strategic investments in solar energy and grid modernization, alongside policy reforms aimed at reducing dependency on coal and improving the financial health of distribution companies are being addressed by the state government on top priority. The Discoms in UP have emerged as leaders in utility digitalization. Today, the largest share of smart meters deployed in India is in UP. The growth of renewables and electric vehicles are also impressive in UP. There are about 800 electric buses already running in UP which is the second highest amongst Indian states. UP is also the first state that issued regulations to promote peer-to-peer (P2P) trading of rooftop solar electricity on blockchain platform, a ground breaking policy globally!

In the backdrop of the above, ISGF has the pleasure of bringing the **8th Edition of Distribution Utility Meet** (www.dum-india.in) to **Lucknow City in Uttar Pradesh**. **DUM 2024 will be held on 14th and 15th November 2024** in partnership with **Uttar Pradesh Power Corporation Limited (UPPCL)** and the **Energy Department of the Government of Uttar Pradesh**. DUM 2024 will provide a unique platform for all the DISCOM community to share each other's experiences in dealing with efforts towards energy transition, 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, and from global expertise/experiences. Experts from leading utilities from USA, Europe, South Korea and Japan will be invited to participate in DUM 2024 and share their valuable experiences.

ABOUT THE HOST CITY LUCKNOW, UTTAR PRADESH

Lucknow is the capital city of Uttar Pradesh, the most populous state (>250 million people) in India. Located in what was historically known as the Awadh region, Lucknow has historically been a multicultural city. Courtly manners, beautiful gardens, poetry, music, and fine cuisine patronized by the Persian-loving Nawabs of the city are well known amongst Indians and students of South Asian culture and history. It is the centre of Hindi and Urdu literature. Lucknow is popularly known as the 'The City of Nawabs'. It is also known as the Golden City of the East, Shiraz-i-Hind and The Constantinople of India.

Today, Lucknow is a vibrant city that is witnessing an economic boom and is among the top ten fastest growing metro cities of India and is the second largest city of east, north and central India after Delhi. Straddling across the river Gomti, modern Lucknow is a bustling metropolis and continues to be an important centre of governance, administration, education, commerce, aerospace, finance, pharmaceuticals, technology, design, culture, tourism, music and poetry.



PROGRAM AT A GLANCE OF DUM 2024

14 November 2024

Thursday

**DUM Conference
and Exhibition**

**Cultural Program and
Welcome Reception Dinner**

15 November 2024

Friday

**DUM Conference
and Exhibition**

Lucknow Ki Sham*

16 November 2024

Saturday

**Visit to Shri Ram
Mandir, Ayodhya**

Optional

*Open evening to explore the Culture, Monuments and Flavours of Lucknow

OBJECTIVES OF DUM 2024



Experience Sharing and Hand Holding Each Other



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



**Discuss the Distribution Grids Challenges of Managing 10 Million Rooftops PV
Systems and Fast Growth of Electric Vehicle**



**Evaluate Regulatory, Policy, Financial and Business Challenges of DISCOMs
and Share Successful Interventions to Improve the Health of DISCOMs**



**Explore the Potential for Utilities Integration - Electricity Distribution, City Gas
Distribution and Water Distribution**

DUM 2024 CONFERENCE THEMES

1

Digitalization
of DISCOMs

2

Solarization
of Agricultural Feeders
- Success Stories

3

250 Million Smart
Metering - Progress
and Challenges

4

RE, EV and Grid
Stability

5

Electric Vehicle (EV)
Charging Infrastructure
& Grid Integration

6

Health of DISCOMs

7

Artificial Intelligence
Applications for
Utilities

8

Challenges of 10
Million Rooftop
Solar PV Systems

9

Experience From
The Field

TARGET AUDIENCE



Senior Officials from Electricity
Distribution Utilities in India



Senior Officials from Ministry of
Power, MNRE, CERC and SERCs



Senior Government Officials
from Energy Department
from the States



Experts from International
Utilities



Academic Institutions and
Research Institutes



Representatives of Industry
Working with Utilities on
Specific Projects

GLIMPSES OF DUM JOURNEY

2017

BANGALORE



2019

NEW DELHI



2021

DIGITAL PLATFORM



2023

KOCHI, KERALA



Mumbai

2018



DIGITAL PLATFORM

2020



BHUBANESWAR

2022



2024

LUCKNOW
UTTAR PRADESH

GLIMPSES OF 2023 DUM



Lamp Lighting Ceremony in DUM 2023



Inaugural Session of DUM 2023



Exhibition Inauguration in DUM 2023



Exhibition at DUM 2023



Thematic Sessions



Special Plenary Sessions



Senior Officials at Exhibition Booths



Felicitation to our Speakers and Partners at DUM 2023



Audience at DUM 2023



Partner Branding at DUM 2023



Cultural Event at DUM 2023



Valedictory Session at DUM 2023

DUM 2023 KEY HIGHLIGHTS

270+

Utility Officials Participated

45

Utilities Participated

325

Delegates Participated

56

Experts Participated from Government, Utilities, Regulatory Commissions, Academia and Industry as Speakers

38

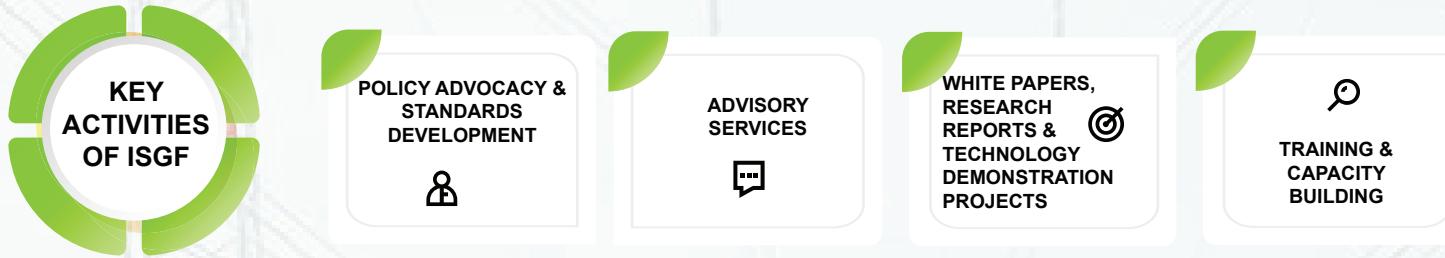
Partners and Exhibitors from Utility & Technology Companies showcased the products

KEY PARTNERS AND EXHIBITORS OF DUM 2023

SUPPORTED BY Kerala Tourism Niti Aayog, Government of India	CO - HOST UTILITIES BSES Rajdhani Power Limited BSES Yamuna Power Limited CESC Limited Noida Power Company Limited The Tata Power Company Limited
POWERED BY PARTNER Amazon Web Services	THEMATIC SESSION PARTNERS Wirepas Research Triangle Institute (RTI) Larsen & Toubro Digital Energy Solutions
HOST UTILITY Kerala State Electricity Board Limited (KSEBL)	PLATINUM EXHIBITORS Amazon Web Services Kerala State Electricity Board Limited (KSEBL) The Tata Power Company Limited India Smart Grid Forum Kimbal Technologies
KNOWLEDGE PARTNERS The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) National Renewable Energy Laboratory (NREL) Coalition for Disaster Resilient Infrastructure (CDRI) EPRI	GOLD EXHIBITOR VISIONTEK Wirepas OPAL-RT Technologies India TAURAS Phoenix Contact Apar Industries Schneider Electric Atandra Energy Pvt Ltd TekUncorked
TECHNOLOGY INNOVATION PARTNERS Apar Industries Schnieder Electric Phoenix Contact Trilliant DNV	
KERALA PAVILLION Motor Vehicle Department (MVD) Agency for New and Renewable Energy Research and Technology (ANERT) Electrical Inspectorate (EI) Energy Management Centre (EMC) Electricals and Allied Engineering Company Limited (KEL) TRACO CABLES INKEL	

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.



ABOUT UPPCL

Uttar Pradesh Power Corporation Limited (UPPCL) is the holding company of the five electricity distribution companies in Uttar Pradesh. UPPCL is focused on delivering reliable, efficient, and cost-effective electricity to the state's residents. UPPCL's vision is to set industry standards by employing highly skilled and committed staff who prioritize customer satisfaction and operational excellence. UPPCL's mission is focused on providing uninterrupted power supply while embracing best practices in safety, environmental sustainability, and public service. UPPCL strives for long-term profitability through responsible business operations, transparency, and integrity, ensuring the best outcomes for all stakeholders, including all categories of consumers while complying to the regulations. UPPCL is also committed to continuous improvement and innovation, exploring new business opportunities in optical fiber-based activities, consultancy, and other diverse areas to drive economic growth. In 2024, UPPCL has incorporated UPREV, a wholly owned subsidiary that will develop renewable energy and electric vehicle charging infrastructure. To know more about UPPCL, please visit their website at the following link:

<https://uppcl.org/uppcl/hi/>



Distribution Utility Meet 2024
The Centrum Hotel, Lucknow, Uttar Pradesh
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India Smart Grid Forum

CBIP Building, Chanakyapuri, New Delhi
Email: contactus@indiasmartgrid.org

- For Special Participation Packages and Exhibition Booths, Please Contact: Sneha Singhania, Email: sneha@indiasmartgrid.org and Sumit Sharma, Email: sumit@indiasmartgrid.org
- For Utility Participation, Please Contact: Yashika Maheswari, Email: yashika@indiasmartgrid.org
- For Delegate Participation, Offers and Group Packages, Please Contact: Sneha Singhania, Email: sneha@indiasmartgrid.org and Sumit Sharma, Email: sumit@indiasmartgrid.org
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