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AGENDA



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

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India Smart Grid Forum

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U.P. Renewable and
EV Infrastructure Ltd



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ENERGY DEPARTMENT
OF UTTAR PRADESH

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DAY 1 - 14 NOVEMBER 2024 (THURSDAY)

INAUGURATION OF CONFERENCE AND EXHIBITION

09:00 ~ 11:15 IST

09:00 ~ 09:45

Registration and Badge Collection

10:00 ~ 11:00

Brief Film on ISGF Initiatives

Brief Film on UPPCL and UPREV

Chief Guests:

Hon'ble Chief Minister of Uttar Pradesh

Hon'ble Minister of Power, Government of India*

Dignitaries at the Inaugural Session:

1. **Shri AK Sharma**, Hon'ble Minister for Energy, Govt of Uttar Pradesh
2. **Shri Somendra Tomar**, Hon'ble Minister of State for Energy, Govt of Uttar Pradesh
3. **Shri Manoj Kumar Singh**, Chief Secretary, Govt of Uttar Pradesh
4. **Shri Jishnu Barua**, Chairman CERC
5. **Shri Arvind Kumar**, Chairman UPERC
6. **Shri Narendra Bhooshan**, Additional Chief Secretary, Energy, Govt of UP
7. **Dr Ashish Goel**, Chairman, UPPCL
8. **Shri Reji Kumar Pillai**, President, ISGF

11:00 ~ 11:05

1. LAUNCH OF NEW INITIATIVES

- UPREV
- All India DISCOMs Association (AIDA)
- National Registry of Rooftop Solar

11:05 ~ 11:15 INAUGURATION OF DUM 2024 EXHIBITION

Session Coordinator: Shashi Bala | 7376788918 | shashi@indiasmartgrid.org

TOUR OF DUM 2024 EXHIBITION + TEA BREAK

11:15 ~ 11:30 IST

SESSION 1: SPECIAL PLENARY SESSION - SUSTAINABILITY OF DISCOMs (PART 1)

11:30 ~ 13:00 IST

Discussion Points:

1. Financial Stability
2. Operational Efficiency
3. Association of DISCOMs

Chair

Shri. Manu Srivastava, ACS-Energy, Madhya Pradesh*

Presentation on Challenges of DISCOMs and Association of DISCOMs

Dr Ashish Goel, Chairman, UPPCL

Presentation on DISCOM Issues and Revival

Shri Praveer Sinha, MD & CEO, Tata Power Company Ltd
Shri Alok, ACS – Energy, Rajasthan*

Discussants

1. Shri Lokesh Chandra, CMD, MSEDCL (Maharashtra)
2. Shri Gaurav Gupta, ACS – Energy, Karnataka*
3. Shri Jai Prakash Shivhare, MD, GUVNL (Gujarat)
4. Shri Biju Prabhakar, CMD, KSEBL (Kerala)*
5. Shri Baldev Singh Saran, CMD, Punjab State Power Corporation Ltd*
6. Shri PR Kumar, MD, NPCL
7. Shri Santanu Basu, MD, WBSEDCL (West Bengal)*
8. Shri Amal Sinha, Director & CEO, BRPL & BYPL

Session coordinator: Disha Khosla | 7838004339 | disha@indiasmartgrid.org

SESSION 2: STORIES FROM SOLARIZATION OF AGRICULTURAL FEEDERS AND NOTABLE EXPERIENCES FROM THE FIELD

14:00 ~ 15:30 IST

Discussion Points:

1. Solarization of Agricultural Feeders
2. Impact on the Grid
3. Economic Benefits
4. Innovative Technologies in DISCOMs
5. DISCOM's Operational Efficiency
6. Consumer Engagement by the DISCOMs

Chair

Shri K Vijayanand, Spl Chief Secretary – Energy, Andhra Pradesh*

Presentations

Smt Abha Shukla, ACS – Energy, Maharashtra on **KUSUM and other schemes in Maharashtra**
Shri Vipul K. Joisher, Director, Aditya Green Energy Pvt Limited

Presentation on KUSUM-C in UP – RFP by UPPCL and UPNEDA

Shri Deepak Raizada, Chief Engineer - PPA, UPPCL

Presentation on

Shri Ranvir Prasad, MD, UPPTCL

<p>Transmission Planning for RE Projects</p>	<p>Havells Presentation</p>
<p>Discussants</p>	<ol style="list-style-type: none"> 1. Shri Sudeep Jain, Additional Secretary, MNRE* 2. Shri SR Pandey, Member, GERC 3. Shri Rohit Yadav, Secretary – Energy, Chhattisgarh* 4. Shri Arvind Singh, CEO, TPCODCL 5. Shri Ramesh HJ, Director – Technical, BESCO* 6. Shri Nitish Kumar, MD, DVVNL
<p>Session Coordinator: Bala Karnam 81212 76498 bala.k@indiasmartgrid.org</p>	

<p>SESSION 3: LEVERAGING 250 MILLION SMART METERS TO DRIVE DIGITALIZATION OF DISCOMS</p> <p>15:30 ~ 17:00 IST</p>	
<p>Discussion Points:</p> <ol style="list-style-type: none"> 1. Digitalization of Utilities 2. Digitalization Roadmaps 3. Digital Twins 4. Managing the Transformation 5. Future Trends in Digitalization of Utilities 6. Smart Meter Rollout under RDSS 7. New Services for Smart Meter Customers 	
<p>Chair</p>	<p>Shri Narendra Bhooshan, Additional Chief Secretary, Energy, Govt of UP</p>
<p>Presentation on Digitalization</p>	<p>Shri Sanjay Banga, President, Tata Power Company Ltd</p>
<p>Presentation on Smart Metering</p>	<ol style="list-style-type: none"> 1. Shri Anil Rawal, MD, IntelliSmart Infrastructure 2. Shri Rakesh Kumar, MD, APDCL (Assam)* 3. Shri Mahendra Kumar, MD, BSPDCL (Bihar) 4. Shri Rob Hovsopian, Research Advisor, NREL, USA
<p>Discussants</p>	<ol style="list-style-type: none"> 1. Shri Shashank Mishra, JS - Distribution, MOP 2. Shri Arun Mahesh Babu, MD, UGVCL 3. Shri Saurav Shah, Executive Director, PFC* 4. Shri Shambhu Kumar, MD, PuVVNL 5. Shri SL Karwadia, ED, MPPKVVCL (Indore) 6. Shri Yogesh Kumar, Director- Commercial, MVVNL 7. Shri Sandip Sinha, Trilliant, Inc 8. Shri Sahas, COO, Polaris 9. Shri Deepak Pandey, COO, Kimbal 10. Inventive Software Solutions
<p>Session Coordinator: Anand Singh 99252 18036 anand@indiasmartgrid.org</p>	

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SESSION 4: EMERGING TECHNOLOGIES FOR NET ZERO POWER SECTOR

17:00 ~ 18:30 IST

Discussion Points:

1. Grid Optimization, Demand Forecasting and Asset Management
2. AI's Role in Predictive Maintenance
3. Web 3.0, Blockchain and Immersive Technologies
4. Customer Service Enhancements
5. Challenges and Ethical Considerations
6. Workforce Transformation

Chair

Shri Sanjay Dubey, ACS – IT, Madhya Pradesh

Film

Short Film on Innovations in DISCOMs that won ISGF Innovation Awards in 2024

Presentation on AI Use Cases in Power Sector

Shri Murali Baggu, Laboratory Program Manager - Grid Integration, NREL, USA
Shri Sumit Gupta, CEO, AssetPlus

Discussants

1. Shri Bhawani Singh Khangarot, MD, MVVNL
2. Shri Nilesh Kane, Chief Distribution-Mumbai, TATA Power Company*
3. Shri Anish Mandal, Partner, Deloitte
4. Shri Mukesh Dadhich, Head-Business Development, Sustainability and Clean Technology, BSES Yamuna Power Limited
5. Shri R S Selvam, VP-Technology, Stelmec
6. Sai Computers
7. KPTCL/BESCOM
8. LnT

Session Coordinator: Aashima Chaney | 9871752530 | Aashima@indiasmartgrid.org

19:00 Onwards

Welcome Reception and Cultural Programs

15 NOVEMBER 2024 (FRIDAY) - DAY 2

SESSION 5: SPECIAL PLENARY SESSION - SUSTAINABILITY OF DISCOMs (PART 2)
10:00 ~ 11:30 IST
Discussion Points (continued from previous session)

4. Human Resources
5. Regulatory and Policy Environment
6. Customer Engagement and Service Quality

Chair

Shri Pankaj Agarwal, Secretary, Ministry of Power

Presentation on Regulatory challenges before DISCOMs

Shri PK Pujari, Former Power Secretary and Former Chairperson, CERC*

Presentation on HR, Customer Engagement and Service Quality

Shri Sanjoy Mukherjee, Sr Vice President, CESC, Kolkata

Discussants

1. **Shri Arun Goyal**, Former Member, CERC
2. **Shri Gajendra Mohapatra**, Chairperson, OERC*
3. **Shri Hemant Verma**, Chairman, Chhattisgarh Regulatory Commission
4. **Shri Hemant Sharma**, Principal Secretary - Energy, Odisha*
5. **Shri Arti Dogra**, CMD, Jaipur Vidyut Vitaran Nigam Ltd*
6. **Shri Sanjay Banga**, President, Tata Power Company Ltd
7. **Shri Ashutosh Goel**, MD, Allied Engineering

Session coordinator: Disha Khosla | 7838004339 | disha@indiasmartgrid.org

SESSION 6: RE, EV AND GRID STABILITY AND CHALLENGES OF 10 MILLION ROOFTOP SOLAR PV SYSTEMS

Session Partner: GIZ

11:30 ~ 13:00 IST

Discussion Points:

1. **Challenges in Scaling up of Rooftop PV in DISCOMs**
2. **Smart Inverters**
3. **BESS in Distribution Grid**
4. **Digital Tools for DER Management**
5. **Vehicle to Grid (V2G) and EVs as Virtual Power Plants (VPP)**
6. **Case Studies**

Chair

Shri Prashant Kumar Singh, Secretary, MNRE*

Presentations

1. **Shri Jai Prakash Shivhare**, MD, GUVNL (Gujarat)* on **BESS projects in Gujarat**
2. **Shri Anupam Shukla**, MD, UPNEDA on **Rooftop PV Program in UP**
3. **Shri Murali Baggu**, Laboratory Program Manager - Grid Integration, NREL, USA on **Grid Integration of Distributed RE**
4. **Smt Reena Suri**, Executive Director, ISGF - **P2P Trading Solar Rooftop Energy on Blockchain Platforms**
5. **Shri Eckehard Troster**, CEO, Energynautics - **V2G and EVs as VPP**
6. **Shri Eric Quiring**, SMA Solar - **Smart Inverters**

Discussants	<ol style="list-style-type: none"> 1. Shri Ravi Seethapathy, Chair ISGF Working Group 2. Shri Ajay Yadav, JS, MNRE* 3. Shri Santosh K Rao, MD, APSPDCL* 4. Shri KP Rudrappaiah, MD, KREDL* 5. Shri RJ Vala, CE- Distribution, PGVCL 6. Shri BB Mehta, Director, SLDC, Odisha 7. Shri Samuel Paul N, MD, KESCO 8. Shri Dhananjay R Aundekar, ED, MSEDCL (Maharashtra)* 9. Shri Kuldeep Sharma, GIZ 10. LnT
Session Coordinator: Bala Karnam 81212 76498 bala.k@indiasmartgrid.org	

Time (IST) 13:00~14:00

LUNCH

SESSION 7: ELECTRIC VEHICLE (EV) CHARGING INFRASTRUCTURE AND GRID INTEGRATION

14:00 ~ 15:30 IST

Discussion Points:

1. **EV Charging Infrastructure – Planning and Business Models**
2. **Technological Innovations - Advancements in battery chemistries and charging technologies**
3. **Grid Impacts and Management**
4. **Policy and Regulatory Considerations**

Chair

Shri Kamran Rizvi, Secretary, MHI

Business Plan of UPREV

Shri Pankaj Kumar, MD, UPPCL

Presentations

1. **Shri Sudhendu Sinha**, Advisor, NITI Aayog*
2. **Shri Hanif Qureshi**, Additional Secretary, DHI*
3. **Shri Awadhesh Jha**, Executive Director, GLIDA INDIA and Chairperson of CPO Association of India

Discussants

1. **Shri KR Jyothilal**, ACS – Energy, Kerala
2. **Smt Isha Duhan**, MD, PVVNL
3. **Shri Prathmesh Kumar**, Additional CEO, Invest UP
4. **Shri Anil Thomas**, Head of Section, DNV
5. **Shri RK Singh**, Head of Business Operations - EV Charging, Tata Power Company Ltd
6. **Shri N Mohan**, Head - EVCI & e-Trucks, CESL
7. **Shri S P Shahi**, Additional Chief Executive Officer, UPEIDA
8. **Smt Nidhi Narang**, Director - Finance, UPPCL
9. **Shri Sandip Sinha**, Vice President - Sales, Trilliant, Inc
10. **Phoenix Contact**
11. **Arjun Sinha Roy**, Co-Founder, iRasus

Session Coordinator: Sumit Sharma | +91 98711 62999 | sumit@indiasmartgrid.org

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VALEDITORY SESION OF DUM 2024

(Formal closing of an event, key outcomes are shared, contributions are acknowledged, and final remarks are made to wrap up the proceedings)

16:00 ~ 17:00 IST

Chief Guest: Shri Arvind Kumar, Chairman, UPERC

Chief Guest: Shri Somendra Tomar, Hon'ble Minister of State for Energy, Govt of Uttar Pradesh

Key Takeaways from the Sessions: by Respective Session Chairs/Moderators

Felicitations to Supporting Organizations

Invitation to DUM 2025 by Host Utility (to be decided)

Vote of Thanks: Dr Ashish Goel, Chairman, UPPCL and Reji Kumar Pillai, ISGF

Session Coordinator: Shashi Bala | 7376788918 | shashi@indiasmartgrid.org

18:30 Onwards Lucknow Ki Shyam

Free Evening to Explore the Culture, Monuments and Flavors of Lucknow

16 November 2024 (Saturday)

Optional Tour: 08:00~18:00

Visit to Shri Ram Mandir, Ayodhya