



**India
SMART UTILITY
Week 2024**

12 - 16 March 2024

Hotel Lalit, New Delhi



**8th ISGF INNOVATION
AWARDS 2024**

ISUW 2024

**10th International Conference &
Exhibition on Smart Energy &
Smart Mobility**

**12 March 2024
Tuesday**

**Special
Workshops**

**13 March 2024
Wednesday**

**Conference and
Exhibition**

**14 March 2024
Thursday**

**Conference and
Exhibition**

**15 March 2024
Friday**

**Conference and
Exhibition**

**16 March 2024
Saturday**

**Technical Tours,
Demonstration and
Cultural Tours**

ISGF INNOVATION AWARDS : 15 March 2024

Organizer

ISGF
India Smart Grid Forum

www.isuw.in

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MINISTRY OF POWER
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DEPARTMENT OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION,
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ISUW 2024 CONFERENCE AGENDA AT-A GLANCE

CONFERENCE AGENDA SUMMARY

EVENT DAY-1: 12 MARCH 2024 (TUESDAY) SPECIAL WORKSHOPS AND MASTER CLASSES

Regency 1&2

10:30 ~ 13:30	Experiential Workshop on Immersive Technologies – Augmented Reality, Virtual Reality, Mixed Reality, Assisted Reality, Metaverse etc
14:00 ~ 17:00	OCCP Technical Workshop and Training (In Collaboration with Open Charge Alliance)

Regency 3

10:00 ~ 16:30	Master Class on Energy Transition Strategies and Pathways to Net Zero Power Systems
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Regency 5

11:00 ~ 17:00	8 th IEC - IEEE Smart Energy Standardization Coordination Workshop (In collaboration with BIS, IEC and IEEE)
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EVENT DAY- 2: 13 MARCH 2024 (WEDNESDAY)

INAUGURATION OF ISUW 2024 CONFERENCE AND EXHIBITION

India 10:00 to 12:30

LUNCH BREAK + TOUR OF ISUW 2024 EXHIBITION

India 13:00 ~ 14:00

CONFERENCE SESSIONS | WORKSHOPS | ROUNDTABLES

14:00 ~ 16:00 (Crystal-1)	Session - 1: Digitalization of Utilities, Digitalization Roadmaps; Digital Twins
16:00 ~ 18:00 (Crystal-1)	Session - 2: Emerging Technologies for Utilities (in Partnership with Department of Science and Technology)
14:00 ~ 17:00 (Crystal- 2)	13 th EU - India Smart Energy Workshop (in Collaboration with European Union) <ul style="list-style-type: none"> - Session 1: Standards and Regulations for Green Hydrogen - Session 2: Regional Energy Connectivity in South Asia - Complementing the Ongoing Work - Session 3: Financing Investment in Clean Energy Platform (FICEP)
14:00 ~ 17:45 (Regency- 5)	1 st India - Brazil Smart Energy Workshop (In Collaboration with LATAM Smart Grid Forum and India-Brazil Chamber of Commerce) <p>Themes:</p> <ul style="list-style-type: none"> (i) T&D Loss Reduction (ii) Biofuels
14:30 ~ 17:15 (Regency- 1&2)	10th US – India Smart Energy Workshop (In Collaboration with US DOC, USAID and CSIS) <p>Themes:</p> <ul style="list-style-type: none"> (i) Resource Adequacy Planning for Net Zero Power Systems (ii) Energy Storage Systems
17:30 ~ 18:15 (Crystal- 2)	SPECIAL PLENARY 1: “ <i>The Short List of Climate Actions that will Work</i> ” by Michael Barnard, Founder of “The Future is Electric”

WELCOME RECEPTION AND FELICITATION OF ISUW 2024

PARTNERS

India 18:30 ~ 22:00

EVENT DAY- 3: 14 MARCH 2024 (THURSDAY)

CONFERENCE SESSIONS | WORKSHOPS | ROUNDTABLES

10:00 ~ 15:30 (Crystal- 1)	<p>Session - 3: Global Lessons on Smart Metering - Session with DISCOMs and AMISPs (In Collaboration with REC, IntelliSmart, PFC and USAID/SAREP)</p> <ul style="list-style-type: none"> - Session 1: Smart Metering Experience from USA and Europe - Session 2: Challenges being Faced by Discoms, AMISPs and OEMs in India and New Services for Smart Meter Customers - Session 3: Financing Smart Metering Projects
11:00 ~ 13:00 (Regency- 1&2)	<p>Session - 4: Energy Positive Smart Buildings and Campuses (in Collaboration with USAID/SAREP)</p> <ul style="list-style-type: none"> - Connecting the Dots for Energy Positive Buildings and Campuses. Experience Sharing by Key Stakeholders - Elements of Energy Positive Buildings and Campuses
11:00 ~ 13:00 (Crystal -2)	<p>3rd India - Germany Smart Energy Workshop (In Collaboration with GIZ) Theme: Demand Response</p>
15:30 ~ 17:30 (Crystal -1)	<p>Workshop on Innovative Technologies for Energy Transition (In Collaboration with the UK Government)</p> <ul style="list-style-type: none"> - Session 1: Technologies for Decarbonization of Distribution Utilities - Session 2: Technologies for Decarbonization of Demand Sectors
16:00 ~ 18:00 (Crystal -2)	<p>Session - 5: Virtual Power Plants (VPPs) and Power System Flexibility</p>
10:00 ~ 13:00 (Regency- 5)	<p>The Cooling Challenge – Cooling as a Service against Monthly Fee through District Cooling Systems (DCS) (In Collaboration with BEE and APUEA)</p>
14:15 ~ 17:15 (Regency- 1&2)	<p>Session - 6: Climate Resilience of Future Grids (In Collaboration with CDRl)</p>
14:00 ~ 17:00 (Regency- 5)	<p>Session - 7: Nuclear Renaissance and the Role of SMR in Net Zero Power Systems (In Collaboration with NEI, EDF, and NTPC*)</p>
10:00 ~ 17:30 (Regency- 3)	<p>Technical Papers Presentation (Selected through Call for Technical Papers @ISUW 2024)</p>
14:00 ~ 16:00 (Crystal - 2)	<p>Session – 8: Super Grids for Energy Transition and Energy Security - Cross Border Electricity Trade in South Asia and Interconnection of Regional Grids in Asia (In Collaboration with GO15, USAID and Hitachi Energy)</p>

LUNCH BREAK + TOUR OF ISUW 2024 EXHIBITION

India 13:00 ~ 14:00

EVENT DAY- 4: 15 MARCH 2024 (FRIDAY)

CONFERENCE SESSIONS | WORKSHOPS | ROUNDTABLES

10:00 ~ 12:00 (Crystal- 1)	Session - 9: Long Duration Energy Storage Systems (LDES)
14:00 ~ 16:00 (Crystal- 1)	Session - 10: Policy and Regulatory Support for Fast Tracking the Transition to Net Zero Power Systems
11:30 ~ 13:30 (Crystal- 2)	Session - 11: Evolving Trends in Electric Mobility <ul style="list-style-type: none"> - <i>Electric Trucks</i> - <i>School Bus Electrification</i> - <i>MW-scale Charging Systems for Heavy Vehicles/Planes/Boats/Mining Machinery</i> - <i>V2X Systems</i>
14:30 ~ 16:30 (Crystal- 2)	Session - 12: Digital Tools for DER Management
10:30 ~ 16:30 (Regency- 1&2)	Smart Utilities Integration - Electricity + City Gas + Water
10:30 ~ 13:30 (Regency- 5)	Session -13: Power Markets and Carbon Markets (In Collaboration with CERC, BEE and IEX) <ul style="list-style-type: none"> - Session 1: Driving De-Carbonization through Carbon Markets - Session 2: Deepening of Power Markets
11:30 ~ 13:30 (Crystal-1)	Session -14: Evolving Trends in Utility Automation (In Collaboration with C-DAC)

LUNCH BREAK + TOUR OF ISUW 2024 EXHIBITION
India 13:00 ~ 14:00

VALEDICTORY FUNCTION OF ISUW 2024
&
ISGF INNOVATION AWARDS CEREMONY
AND GALA DINNER
Crystal 1&2 India 18:00 ~ 23:00



**EVENT DAY 5: 16 MARCH 2024 (SATURDAY)
DEMONSTRATIONS, TECHNICAL AND CULTURAL TOURS**

TECHNICAL TOURS AND DEMONSTRATIONS

Tour-1	NRLDC+REMC and TPDDL LAB + 10 MW BESS
Tour-2	800 kV HVDC STATION IN AGRA + TAJ MAHAL

CULTURAL TOURS (all the days)

Tour-4	TAJ MAHAL
Tour-5	DELHI

Tours 1 & 2 are part of ISUW Package
Tours 4&5 are to be paid separately to the Travel Agency