



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

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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)
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) Themes: (i) T&D Loss Reduction, (ii) Biofuels
14:30 ~ 17:15 (Regency- 1&2)	10 th US – India Smart Energy Workshop Themes: (i) Resource Adequacy Planning for Net Zero Power Systems, (ii) Energy Storage Systems (In Collaboration with US DOC, USAID and CSIS)
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 AMISPs and DISCOMs (In Collaboration with REC, PFC and USAID/SAREP)</p> <ul style="list-style-type: none"> - <i>Smart Metering Experience from USA and Europe</i> - <i>Challenges being Faced by Discoms, AMISPs and OEMs in India and New Services for Smart Meter Customers</i> - <i>Financing Smart Metering Projects</i>
11:00 ~ 13:00 (Regency- 1&2)	Session - 4: Energy Positive Smart Buildings and Campuses (in Collaboration with USAID/SAREP)
18:00 ~ 20:00 (Crystal-1 & 2)	SPECIAL PLENARY 2: Architecture and Energy Systems for Colonizing the Moon and the Mars
11:00 ~ 13:00 (Crystal -2)	3rd India - Germany Smart Energy Workshop (In Collaboration with GIZ) Theme: Demand Response
15:30 ~ 17:30 (Crystal -1)	Workshop on Innovative Technologies for Energy Transition (In Collaboration with the UK Government)
16:00 ~ 18:00 (Crystal -2)	Session - 5: Virtual Power Plants (VPPs) and Power System Flexibility
10:00 ~ 13:00 (Regency- 5)	The Cooling Challenge – Cooling as a Service against Monthly Fee through District Cooling Systems (DCS) (In Collaboration with BEE and APUEA)
14:15 ~ 17:15 (Regency- 1&2)	Session - 6: Climate Resilience of Future Grids (In Collaboration with CDRI)
14:00 ~ 17:00 (Regency- 5)	Session - 7: Nuclear Renaissance and the Role of SMR in Net Zero Power Systems (In Collaboration with NEI, EDF, and NTPC*)
10:00 ~ 17:30 (Regency- 3)	Technical Papers Presentation (Selected through Call for Technical Papers @ISUW 2024)
14:00 ~ 16:00 (Crystal - 2)	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)

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 ~ 11:30 (Crystal- 1)	Session - 9: Long Duration Energy Storage Systems (LDES) (In partnership with SECI)
14:00 ~ 16:00 (Crystal- 1)	Session - 10: Policy and Regulatory Support for Fast Tracking the Transition to Net Zero Power Systems (In Collaboration with NITI Aayog and CERC)
11:30 ~ 13:30 (Crystal- 2)	Session - 11: Evolving Trends in Electric Mobility (In partnership with NITI Aayog and DHI*): <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 and Mining Machinery</i> - <i>V2X Systems</i>
14:30 ~ 16:30 (Crystal- 2)	Session - 12: Digital Tools for DER Management (In Collaboration with MNRE*)
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)
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

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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	TPDDL LAB + 10 MW BESS and NRLDC+REMC
Tour-3	800 kV HVDC STATION IN AGRA + TAJ MAHAL

CULTURAL TOURS (all the days)

Tour-4	TAJ MAHAL
Tour-5	DELHI

Tours 1, 2 & 3 are part of ISUW Package
Tours 4&5 are to be paid separately to the Travel Agency