



## INDIA SMART UTILITY WEEK (SUW 2021)

### AGENDA

#### ISUW 2021: CONFERENCE THEMATIC SESSIONS

S/N	Sessions	Time (India)
<b>2ND MARCH 2021 (TUESDAY) - DAY 1</b>		
i.	Session - 1: Innovation in Utilities During the Pandemic	14:00 ~ 16:00
ii.	Session - 2: Regulatory Support in Different Countries for Revival of Utilities	16:00 ~ 18:00
iii.	Special Plenary - 1: Customer Rights Protection Order by Ministry of Power – Action by Utilities and Regulators	19:00 ~ 21:00
<b>3RD MARCH 2021 (WEDNESDAY) - DAY 2</b>		
i.	Session - 3: Smart Meter Rollout in India	11:30 ~ 13:30
ii.	Session - 4: Energy Storage Systems – Technologies, Business Models and Regulations	14:00 ~ 16:00
iii.	Session - 5: Disaster (and Pandemic) Resilient Utilities and Cities (In partnership with NIUA)	16:00 ~ 18:00
<b>4TH MARCH 2021 (THURSDAY) - DAY 3</b>		
i.	Session - 6: Cyber Security for Digital Utilities	11:30 ~ 13:30
ii.	Session - 7: Disruptive Technologies and Innovations for Utilities: Part - A	14:00 ~ 16:00
iii.	Session - 8: New Revenue Opportunities For Utilities	16:00 ~ 18:00
iv.	Special Plenary - 2: Grid Integrated Vehicles (GIV) and Standards for GIVs	19:00 ~ 21:00
<b>5TH MARCH 2021 (FRIDAY) - DAY 4</b>		
i.	Session - 9: Disruptive Technologies and Innovations for Utilities: Part-B	11:30~13:30

## ISUW 2021: WORKSHOPS, SEMINARS AND ROUNDTABLES

S/N	Theme	Date	Time (India)
<b>WORKSHOPS</b>			
i.	10 <sup>th</sup> EU - INDIA Smart Grid Workshop – Part A (In partnership with EU)	02 March 2021 (Tue)	14:30~16:00
ii.	5G for Smart Utilities and Smart Cities (In partnership with TSDSI)	03 March 2021 (Wed)	11:00~13:00
iii.	10 <sup>th</sup> EU - INDIA Smart Grid Workshop – Part B (In partnership with EU)	03 March 2021 (Wed)	14:00~17:00
iv.	7 <sup>th</sup> US - INDIA Smart Grid Workshop (In partnership with US Commercial Services; US DoE; and USIBC)	03 March 2021 (Wed)	18:00~21:30
v.	Workshop on District Cooling Systems (In partnership with APUEA)	04 March 2021 (Thur)	11:00~13:30
vi.	5 <sup>th</sup> SWEDEN - INDIA Smart Grid Workshop (In partnership with DST and SEA, and Business Sweden)	04 March 2021 (Thur)	14:30~17:30
vii.	Workshop on Live Line Maintenance in Utilities	05 March 2021 (Fri)	10:00~13:00
<b>SEMINARS</b>			
i.	Presentation of Select Technical Papers: Part - 1	02 March 2021 (Tue)	14:00~18:00
ii.	Smart Water Distribution	03 March 2021 (Wed)	11:30~13:30
iii.	IEC – IEEE World Smart Energy Standardization Coordination Workshop	03 March 2021 (Wed)	14:00~17:30
iv.	Smart City Gas Distribution and Green Hydrogen	04 March 2021 (Thur)	14:00~18:00
v.	Presentation of Select Technical Papers: Part - 2	05 March 2021 (Fri)	11:30~13:30
<b>ROUNDTABLES</b>			
i.	Roundtable - 1: Interconnection of Regional Grids in Asia	02 March 2021 (Tue)	15:00~18:00
ii.	Roundtable - 2: Electric Cooking	03 March 2021 (Wed)	11:30~13:30
iii.	Roundtable - 3: Digital Architecture and System Integration for Smart Metering (Powered by Amazon Web Services & in Partnership with NISG)	03 March 2021 (Wed)	14:00~17:00
iv.	Roundtable - 4: Urban Air Mobility Systems (UAM)	04 March 2021 (Thur)	11:30~13:30
v.	Roundtable - 5: Blockchain Applications in Energy Sector	04 March 2021 (Thur)	14:00~17:30

## ISUW 2021: REJUVENATION SESSIONS

S/N	Theme	Date	Time (India)
<b>SPECIAL TALKS</b>			
i.	Talk by Celebrity Speaker	03 March 2021 (Wed)	10:00~11:00
ii.	Talk by Celebrity Speaker	04 March 2021 (Thur)	10:00~11:00
iii.	Talk by Celebrity Speaker	05 March 2021 (Fri)	10:00~11:00
<b>VIRTUAL YOGA AND LIVE PERFORMANCES</b>			
i.	Live Performance	02 March 2021 (Tue)	18:00~19:00
ii.	Virtual Yoga	03 March 2021 (Wed)	09:00~10:00
iii.	Live Performance	03 March 2021 (Wed)	18:00~19:00
iv.	Virtual Yoga	04 March 2021 (Thur)	09:00~10:00
v.	Talk by Devdutt Pattanaik	04 March 2021 (Thur)	18:00~19:00
vi.	Virtual Yoga	05 March 2021 (Fri)	09:00~10:00

**ISGF INNOVATION AWARDS CEREMONY  
+ VALEDICTORY FUNCTION OF ISUW 2021  
05 March 2021 (Friday)  
14:00~17:00 (India)**

# ISUW 2021: DETAILED AGENDA

## 02 MARCH 2021 (TUESDAY): CONFERENCE DAY 1

### INTRODUCTION OF THE DIGITAL PLATFORM

Time & Venue	Session Details & Speakers
<b>New York</b> <b>01:00 ~ 03:00</b> <b>Paris</b> <b>07:00 ~ 09:00</b> <b>India</b> <b>11:30 ~ 13:30</b> <b>Tokyo</b> <b>15:00 ~ 17:00</b> <b>PLENARY HALL</b>  <b>Coordinator:</b> <b>Bindeshwary and Parul</b>	<b>INAUGURATION OF ISUW 2021 CONFERENCE AND EXHIBITION</b>  <b>Welcome Address:</b> Reji Kumar Pillai, President, ISGF  <b>Special Addresses:</b> <ol style="list-style-type: none"> <li><b>Richard Schomberg</b>, IEC Ambassador and Chairman, IEC Smart Energy Systems Committee and Vice President, EDF</li> <li><b>Ajay Kaul</b>, India State and Local Govt. Leader, Amazon Web Services</li> <li><b>N Venu</b>, Managing Director, Hitachi ABB Power Grids India and South Asia</li> <li><b>Debasish U Banerjee</b>, Managing Director, CESC, Kolkata</li> <li><b>Amal Sinha</b>, Chief Executive Officer, BSES Rajadhami Power Ltd</li> <li><b>PR Kumar</b>, Chief Executive Officer, BSES Yamuna Power Ltd</li> <li><b>Praveer Sinha</b>, Chief Executive Officer &amp; Managing Director, Tata Power Company Ltd</li> <li><b>Yashiro Kaku</b>, Chief Representative, NEDO- India</li> <li><b>Rob Stephen</b>, Former President, CIGRE</li> <li><b>Keisuke Sadamori</b>, Energy Markets and Security Director, International Energy Agency</li> <li><b>Gauri Singh</b>, Deputy Director-General, International Renewable Energy Agency</li> <li><b>Upendra Tripathy</b>, Director General, International Solar Alliance</li> <li><b>Ugo Astuto</b>, European Union Ambassador to India</li> <li><b>Nicholas Dunlop</b>, Secretary General, Climate Parliament</li> <li><b>Ashok Lavasa</b>, Vice President, Asian Development Bank</li> <li><b>Barry Gardiner</b>, Member of Parliament, Brent North, House of Commons, United Kingdom</li> </ol> <b>Inaugural Address:</b> RK Singh, Union Minister of State (Independent-Charge), Ministry of Power and New and Renewable Energy and Minister of State, Ministry of Skill Development and Entrepreneurship  <b>Vote of Thanks:</b> Reena Suri, Executive Director, ISGF  <b>ANNOUNCEMENTS AND RELEASE OF WHITE PAPER: TBC</b>
<b>LUNCH + TOUR OF ISUW 2021 EXHIBITION</b> <b>New York (03:00 ~ 03:30)   Paris (09:00 ~ 09:30)   India (13:30 ~ 14:00)   Tokyo (17:00 ~ 17:30)</b>	
<b>New York</b> <b>03:30 ~ 05:30</b> <b>Paris</b> <b>09:30 ~ 11:30</b> <b>India</b> <b>14:00 ~ 16:00</b> <b>Tokyo</b>	<b>SESSION - 1: INNOVATION IN UTILITIES DURING THE PANDEMIC</b> <b>Chair:</b> Sanjay Malhotra, Chairman and Managing Director, REC Limited <b>Moderator:</b> Richard Schomberg, IEC Ambassador and Chairman, IEC Smart Energy Systems Committee and Vice President, EDF <b>Speakers:</b> <ol style="list-style-type: none"> <li><b>Mark F McGranaghan</b>, Vice President, Electric Power Research Institute and EPRI Fellow</li> </ol>

03 MARCH 2021: CONFERENCE DAY 1 – INAUGURAL & THEMATIC SESSIONS

<p><b>17:30 ~ 19:30</b></p> <p><b>PLENARY HALL</b></p> <p><i>Coordinator:</i> <b>Anand</b></p>	<ol style="list-style-type: none"> <li><b>Ganesh Srinivasan</b>, Chief Executive Officer, Tata Power Delhi Distribution Ltd</li> <li><b>Amal Sinha</b>, Chief Executive Officer, BSES Rajadhani Power Ltd</li> <li><b>Nuki Agya Utama</b>, Executive Director, ASEAN Centre for Energy</li> <li><b>Brajesh Kumar</b>, Sr. Vice President - Business, BYPL</li> <li><b>Gerhard Gamperl</b>, Director - Head of Strategy, Corporate Development and Sustainability, Verbund, Austria</li> <li><b>Leonid Lev</b>, Senior Expert and Manager, Israel Electric Company</li> <li><b>Murali Krishna Gannamani</b>, Managing Director and Chief Executive Officer, Fluentgrid Ltd</li> <li><b>RP Singh</b>, VP of Strategic Partnerships and Customer Success (APAC), Smart Energy Water (SEW)</li> <li><b>Jee Sik Park</b>, National Standard Coordinator for Smart Grid, Korean agency for Technology and Standards</li> </ol>
<p><u>New York</u> <b>05:30 ~ 07:30</b></p> <p><u>Paris</u> <b>11:30 ~ 13:30</b></p> <p><u>India</u> <b>16:00 ~ 18:00</b></p> <p><u>Tokyo</u> <b>19:30 ~ 21:30</b></p> <p><b>PLENARY HALL</b></p> <p><i>Coordinator:</i> <b>Sudhasatta</b></p>	<p><b>SESSION - 2: REGULATORY SUPPORT IN DIFFERENT COUNTRIES FOR REVIVAL OF UTILITIES</b></p> <p><i>Chair:</i> <b>PK Pujari</b>, Chairman, Central Electricity Regulatory Commission</p> <p><i>Moderator:</i> <b>Jean-Michael Glanchant</b>, Director, Florence School of Regulation</p> <p><i>Speakers:</i></p> <ol style="list-style-type: none"> <li><b>Dominique Jamme</b>, Director General, French Regulator for Energy</li> <li><b>Luciano Martini</b>, Chairman, International Smart Grid Action Network</li> <li><b>RP Singh</b>, Chairman, UP Electricity Regulatory Commission</li> <li><b>Roberto Zangrandi</b>, Secretary General, E.DSO</li> <li><b>Ravinder Singh Dhillon</b>, Chairman and Managing Director, Power Finance Corporation</li> <li><b>Abel Didier Tella</b>, Director General, Association of Power Utilities of Africa</li> <li><b>HA Vimal Nadeera</b>, Deputy Director General, Sri Lanka Sustainable Energy Authority, Ministry of Power &amp; Renewable Energy</li> <li><b>Rahul Tongia</b>, Fellow, CSEP</li> <li><b>Christopher Villarreal</b>, President, PLUGGED IN Strategies, USA</li> <li><b>Hitendra Dev Shakya</b>, Managing Director, Nepal Electricity Authority</li> </ol>
<p><b>LIVE PERFORMANCE</b></p> <p><b>New York (07:30 ~ 08:30)   Paris (13:30 ~ 14:30)   India (18:00 ~ 19:00)   Tokyo (21:30 ~ 22:30)</b></p>	
<p><u>New York</u> <b>08:30 ~ 10:30</b></p> <p><u>Paris</u> <b>14:30 ~ 16:30</b></p> <p><u>India</u> <b>19:00 ~ 21:00</b></p> <p><u>Tokyo</u> <b>22:30 ~ 00:30</b> (Next Day)</p> <p><b>PLENARY HALL</b></p> <p><i>Coordinator:</i> <b>Anand and Bindeshwary</b></p>	<p><b>SPECIAL PLENARY 1: CUSTOMER RIGHTS PROTECTION ORDER BY MINISTRY OF POWER – ACTION BY UTILITIES AND REGULATORS</b></p> <p><i>Chair:</i> <b>Alok Kumar</b>, Secretary, Ministry of Power</p> <p><i>Moderator:</i> <b>Ravi Seethapathy</b>, Chair of ISGF Working Group on RE and Microgrid; and Chairman, Biosirus, Inc, Canada</p> <p><i>Plenary Addresses:</i></p> <ol style="list-style-type: none"> <li><b>Neil Chatterjee</b>, Commissioner, Federal Energy Regulatory Commission, USA</li> <li><b>Sutirtha Bhattacharya</b>, Chairman, West Bengal Electricity Regulatory Commission</li> <li><b>Anand Kumar</b>, Chairman, Gujarat Electricity Regulatory Commission</li> <li><b>Sanoj Kumar Jha</b>, Secretary, Central Electricity Regulatory Commission</li> <li><b>Sanjay Banga</b>, President – T&amp;D, Tata Power</li> <li><b>Timothy Dean Self</b>, Vice President, Altec</li> </ol>

	7. <b>Mohan Gupta</b> , Vice President - Regional Industry -Utilities, SAP 8. <b>Anjuli Chandra</b> , Member, Punjab Electricity Regulatory Commission 9. <b>Katarina Barunica</b> , Program Manager, Department of Energy, UNIDO 10. <b>MS Kele</b> , Managing Director, Tripura State Electricity Corporation Ltd
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02 MARCH 2021 (TUESDAY): PARALLEL SESSIONS		
02 MARCH: CONFERENCE DAY 1 – PARALLEL SESSIONS	Time	Session Details
	India 14:30 ~ 16:00	<b>10<sup>th</sup> EU - INDIA Smart Grid Workshop – Part A</b> DETAILED AGENDA at <b>APPENDIX – A</b>
	India 15:00 ~ 18:00	<b>Roundtable - 1: Interconnection of Regional Grids in Asia</b> DETAILED AGENDA at <b>APPENDIX – B</b>
	India 14:00 ~ 18:00	<b>Presentation of Select Technical Papers: Part – 1</b> DETAILED AGENDA at <b>APPENDIX - C</b>

# ISUW 2021: DETAILED AGENDA

03 MARCH 2021 (WEDNESDAY): CONFERENCE DAY 2	
Time & Venue	Session Details & Speakers
<p align="center"><b>Talk by Celebrity Speaker</b></p> <p align="center">New York {23:30 (Previous Day) ~ 00:30}   Paris (05:30 ~ 06:30)   India (10:00 ~ 11:00)   Tokyo (13:30 ~ 14:30)</p>	
<p><u>New York</u> 01:00 ~ 03:00</p> <p><u>Paris</u> 07:00 ~ 09:00</p> <p><u>India</u> 11:30 ~ 13:30</p> <p><u>Tokyo</u> 15:00 ~ 17:00</p> <p>PLENARY HALL</p> <p><i>Coordinator:</i> <b>Suddasatta Kundu</b></p>	<p><b>SESSION - 3: SMART METER ROLLOUT</b></p> <p><b>Chair:</b> Tanmay Kumar, Joint Secretary- Distribution, Ministry of Power</p> <p><b>Moderator:</b> Anant Ventateswaran, ISGF</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. Vishal Kapoor, Director - Distribution, Ministry of Power</li> <li>2. MB Rajesh Gowda, Managing Director, BESCOM</li> <li>3. Amit Tomar, Managing Director, MP Pashchim Kshetra Vidyut Vitran Company, Indore</li> <li>4. <b>Sylvain Jouhanneau</b>, Project Director – India Smart Metering, EDF</li> <li>5. <b>Anil Rawal</b>, Managing Director and Chief Executive Officer, IntelliSmart Infrastructure</li> <li>6. <b>Deepti Dutt</b>, Head Strategic Initiatives – Public Sector, Amazon Web Services</li> <li>7. <b>Subhadip Raychaudhuri</b>, HOD - Commercial, TATA Power Delhi Distribution Limited</li> <li>8. <b>MS Kele</b>, Managing Director, Tripura State Electricity Corporation Ltd</li> <li>9. Chandha Neupane, Project Manager, Nepal Electricity Authority</li> <li>10. <b>CN Ragupathi</b>, Head India Business, Infosys</li> <li>11. <b>Nabil Sahri</b>, VP, Sagemcom Energy and Telecom and G3-PLC</li> <li>12. <b>Phil Beecher</b>, President and CEO, Wi-SUN Alliance</li> </ol>
<p align="center"><b>LUNCH + TOUR OF ISUW 2021 EXHIBITION</b></p> <p align="center">New York (03:00 ~ 03:30)   Paris (09:00 ~ 09:30)   India (13:30 ~ 14:00)   Tokyo (17:00 ~ 17:30)</p>	
<p><u>New York</u> 03:30 ~ 05:30</p> <p><u>Paris</u> 09:30 ~ 11:30</p> <p><u>India</u> 14:00 ~ 16:00</p> <p><u>Tokyo</u> 17:30 ~ 19:30</p> <p>PLENARY HALL</p> <p><i>Coordinator:</i> <b>Shuvam</b></p>	<p><b>SESSION - 4: ENERGY STORAGE SYSTEMS – TECHNOLOGIES, BUSINESS MODELS AND REGULATIONS</b></p> <p><b>Chair:</b> PC Maithani, Advisor, Ministry of New and Renewable Energy, GoI</p> <p><b>Moderator:</b> Rahul Walawalkar, Chairman, IESA</p> <p><b>Theme Presentation:</b> Ramaswamy Murugan, Professor, Pondicherry University</p> <p><b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. <b>Amy Rose</b>, Member – Grid Systems Group, NREL</li> <li>2. <b>Suraj Rengarajan</b>, Chief Technology Officer, Applied Materials</li> <li>3. <b>Nilesh Kane</b>, Additional General Manager, Tata Power Delhi Distribution Ltd</li> <li>4. <b>Rashi Gupta</b>, Founder and Chief Executive Officer, Vision Mechatronics</li> <li>5. Guido Guidi, Vice President, Leclanche</li> <li>6. <b>Shantanu Jaiswal</b>, Bloomberg New Energy Finance</li> <li>7. <b>Matthieu Craye</b>, Senior Officer, Directorate General – Energy, EU</li> <li>8. <b>Mani Khurana</b>, Senior Energy Specialist, World Bank</li> <li>9. <b>Kondalarao Bavisetti</b>, Hitachi ABB Power Grids</li> </ol>

03 MARCH 2021: CONFERENCE DAY 2 - THEMATIC SESSIONS



	<b>10. Naveen Nagpal</b> , GM Renewables, BSES Rajadhani Power Limited <b>11. Patrick Clerens</b> , Secretary General, European Association for Storage of Energy
<u>New York</u> <b>05:30 ~ 07:30</b> <u>Paris</u> <b>11:30 ~ 13:30</b> <u>India</u> <b>16:00 ~ 18:00</b> <u>Tokyo</u> <b>19:30 ~ 21:30</b> <b>PLENARY HALL</b>  <b>Coordinator:</b> <b>Bala and</b> <b>Bindeshwary</b>	<b>SESSION - 5: DISASTER (AND PANDEMIC) RESILIENT UTILITIES AND CITIES</b> <b>Chair:</b> Ashok Lavasa, Vice President, Asian Development Bank <b>Moderator:</b> Sanjeev S Ahluwalia, Advisor, Observer Research Foundation <b>Speakers:</b> <ol style="list-style-type: none"> <li>1. Eija-Riitta Korhola, Former Member of Parliament, European Parliament</li> <li>2. Hitesh Vaidya, Director, National Institute of Urban Affairs (NIUA), Ministry of Housing and Urban Affairs</li> <li>3. Karuna Gopal, Founder President, Foundation for Futuristic Cities</li> <li>4. Rajendra Cholan, Chief Executive Officer, Bangalore Smart City</li> <li>5. Martin Hauske, Energy Segment Sales leader, APAC, Nokia</li> <li>6. Pratibha Pal, Executive Director, Indore Smart City Development Ltd and Commissioner, Indore Municipal Corporation</li> <li>7. Andress Carvallo, Chief Executive Officer and Founder, CMG, USA</li> <li>8. Ashwani Aggarwal, Vice President, BSES Yamuna Power Ltd</li> <li>9. Mili Majumdar, Managing Director, GBCI</li> <li>10. Ravikanth Giddalur, Fluentgrid</li> <li>11. Akilur Rahman, Hitachi ABB Power Grids</li> </ol>
<b>LIVE PERFORMANCE</b> <b>New York (07:30 ~ 08:30)   Paris (13:30 ~ 14:30)   India (18:00 ~ 19:00)   Tokyo (21:30 ~ 22:30)</b>	



## 03 MARCH 2021 (WEDNESDAY): PARALLEL SESSIONS

03 MARCH 2021: DAY 2 - PARALLEL SESSIONS	Time	Session Details
	India 11:30 ~ 13:00	<b>5G for Smart Utilities and Smart Cities</b> DETAILED AGENDA at <b>APPENDIX – D</b>
	India 11:30 ~ 13:00	<b>Roundtable - 2: Electric Cooking</b> DETAILED AGENDA at <b>APPENDIX – E</b>
	India 11:30 ~ 13:30	<b>Smart Water Distribution</b> DETAILED AGENDA at <b>APPENDIX – F</b>
	India 14:00 ~ 17:00	<b>10<sup>th</sup> EU - INDIA Smart Grid Workshop – Part B</b> DETAILED AGENDA at <b>APPENDIX - A</b>
	India 14:00 ~ 17:00	<b>Roundtable - 3: Digital Architecture and System Integration for Smart Metering</b> DETAILED AGENDA at <b>APPENDIX - G</b>
	India 14:00 ~ 17:30	<b>IEC-IEEE World Smart Energy Standardization Workshop</b> DETAILED AGENDA at <b>APPENDIX - H</b>
	India 18:00 ~ 21:30	<b>7<sup>th</sup> US - INDIA Smart Grid Workshop</b> DETAILED AGENDA at <b>APPENDIX - I</b>

# ISUW 2021: DETAILED AGENDA

04 MARCH 2021 (THURSDAY): CONFERENCE DAY 3	
Time & Venue	Session Details & Speakers
<b>Talk by Celebrity Speaker</b> New York {23:30 (Previous Day) ~ 00:30}   Paris (05:30 ~ 06:30)   India (10:00 ~ 11:00)   Tokyo (13:30 ~ 14:30)	
<b><u>New York</u></b> 01:00 ~ 03:00 <b><u>Paris</u></b> 07:00 ~ 09:00 <b><u>India</u></b> 11:30 ~ 13:30 <b><u>Tokyo</u></b> 15:00 ~ 17:00 PLENARY HALL Coordinator: Anand	<b>SESSION - 6: CYBER SECURITY FOR DIGITAL UTILITIES</b> <b>Chair:</b> Ajeet Bajpai, Director General, National Critical Information Infrastructure Protection Centre <b>Moderator:</b> Faruk Kazi, Chair, ISGF WG on Digital Architecture and Cyber Security <b>Speakers:</b> <ol style="list-style-type: none"> <li>1. Muktesh Chander, Special Commissioner-Operations, Delhi Police</li> <li>2. Laurent Schmitt, Secretary General, ENTOSE</li> <li>3. Andrew Ginter, Vice President- Industrial Security, Waterfall Security Solutions</li> <li>4. Sunandan Banerjee, Principal Consultant-Government &amp; PSU, SonicWall</li> <li>5. Aamir Hussain, IT, Tata Power Delhi Distribution Ltd</li> <li>6. Laura Jelinek, Foreign Associate, Epstein Rosenblum Maoz (ERM) Law Office</li> <li>7. Elad Shaviv, Chief Executive Officer, Israeli Smart Energy Association</li> <li>8. Shaleen Khetarpaul, BSES Rajadhani Power Limited</li> <li>9. Tathagata Datta, Consultant, National Critical Information Infrastructure Protection Centre</li> <li>10. Vijayan SR, Hub Digitalization Lead – Grid Automation, Hitachi ABB Power Grids</li> <li>11. Mandar Patil, Manager - Solutions Architect, Amazon Web Services</li> <li>12. Lalit Kumar, General Manager-IT Security, BYPL</li> <li>13. RK Arora, Executive Director, NTAMC and CISO, Power Grid Corporation of India Ltd</li> </ol>
<b>LUNCH + TOUR OF ISUW 2021 EXHIBITION</b> New York (03:00 ~ 03:30)   Paris (09:00 ~ 09:30)   India (13:30 ~ 14:00)   Tokyo (17:00 ~ 17:30)	
<b><u>New York</u></b> 03:30 ~ 05:30 <b><u>Paris</u></b> 09:30 ~ 11:30 <b><u>India</u></b> 14:00 ~ 16:00 <b><u>Tokyo</u></b> 17:30 ~ 19:30 PLENARY HALL Coordinator: Bindeshwary	<b>SESSION - 7: DISRUPTIVE TECHNOLOGIES AND INNOVATIONS FOR UTILITIES: PART - A</b> <b>Chair:</b> Ganesh Srinivasan, Chief Executive Officer, Tata Power Delhi Distribution Ltd <b>Moderator &amp; Theme Presentation:</b> Amit Kumar Pandey, President, Hanson Robotics <b>Speakers:</b> <ol style="list-style-type: none"> <li>1. S Samanta, Head – IT, Tata Power Delhi Distribution Ltd</li> <li>2. Ashutosh Natraj, Founder and Chief Executive Officer, Vidrona, UK</li> <li>3. Abhishek Ranjan, Assistant Vice President – System Operations (ST &amp; ABT), BSES Rajadhani Power Limited</li> <li>4. David Coppalla, Business Developer and Project Manager, European Space Agency</li> <li>5. Mukesh Dadhich, Asst. Vice President - Sustainability &amp; Cleantech, BYPL</li> <li>6. Stefan Engelhardt, Vice President - Industry Business Unit – Utilities, SAP</li> <li>7. Martin Hauske, Energy Segment Sales leader, APAC, Nokia</li> </ol>

04 MARCH 2021: CONFERENCE DAY 3 - THEMATIC SESSIONS

	<p><b>8. Sainath Bandhakavi</b>, Senior Solutions Architect – Utilities, Amazon Web Services</p> <p><b>9. Jayanth Balaji</b>, Application Engineer, Mathworks</p> <p><b>10. Thomas Waggshauser</b>, HMS Industrial Networks/ UL Group, Germany</p>
<p><b>New York</b> 05:30 ~ 07:30 <b>Paris</b> 11:30 ~ 13:30 <b>India</b> 16:00 ~ 18:00 <b>Tokyo</b> 19:30 ~ 21:30</p> <p><b>PLENARY HALL</b></p> <p><b>Coordinator:</b> <b>Bala and Bindeshwary</b></p>	<p><b>SESSION - 8: NEW REVENUE OPPORTUNITIES FOR UTILITIES</b> <b>Chair:</b> RP Singh, Chairman, UP Electricity Regulatory Commission <b>Theme Presentation:</b> Reji Kumar Pillai, President, ISGF <b>Speakers:</b></p> <ol style="list-style-type: none"> <li>1. <b>UN Behera</b>, Chairman, Orissa Electricity Regulatory Commission</li> <li>2. <b>Sutirtha Bhattacharya</b>, Chairman, West Bengal Electricity Regulatory Commission</li> <li>3. Kumar Sanjay Krishna, Chairman, Assam Electricity Regulatory Commission</li> <li>4. <b>Mukesh Khullar</b>, Member, Maharashtra Electricity Regulatory Commission</li> <li>5. <b>Kapil Mohan</b>, Add. Chief Secretary, Energy – Karnataka</li> <li>6. M Devraj, Chairman, UPPCL, Uttar Pradesh</li> <li>7. Mahesh Singh, Managing Director, UGVCL, Gujarat</li> <li>8. Sanjeev Kumar, Managing Director, Gujarat Gas</li> <li>9. <b>Marc Boillot</b>, Ambassador, Global Smart Energy Federation</li> <li>10. <b>AK Jana</b>, Managing Director, Indraprastha Gas Limited</li> <li>11. <b>Ganesh Das</b>, Head-Innovations, Tata Power Delhi Distribution Ltd</li> <li>12. <b>Rammohan Rayaprole</b>, National Manager - EMS, CMS Computers Ltd</li> <li>13. <b>Abhishek Ranjan</b>, Assistant Vice President – System Operations (ST &amp; ABT), BSES Rajdhani Power Limited</li> </ol>
<p><b>LIVE PERFORMANCE</b> New York (07:30 ~ 08:30)   Paris (13:30 ~ 14:30)   India (18:00 ~ 19:00)   Tokyo (21:30 ~ 22:30)</p>	
<p><b>New York</b> 08:30 ~ 10:30 <b>Paris</b> 14:30 ~ 16:30 <b>India</b> 19:00 ~ 21:00 <b>Tokyo</b> 22:30 ~ 00:30 (Next Day)</p> <p><b>PLENARY HALL</b></p> <p><b>Coordinator:</b> <b>Anand and Akshay</b></p>	<p><b>SPECIAL PLENARY - 2: GRID INTEGRATED VEHICLES (GIV) AND STANDARDS FOR GIVs</b> <b>Chair:</b> KR Jyotilal, Principal Secretary -Transport, Kerala <b>Theme Presentation:</b> Willet Kempton, Professor, University of Delaware</p> <ol style="list-style-type: none"> <li>1. <b>Rajit Gadh</b>, Director- Smart Energy Research Centre, UCLA, USA</li> <li>2. <b>Shashi Verma</b>, Chief Technology Officer, Transport for London, UK</li> <li>3. <b>Marc Petit</b>, Professor, Centrale Supélec, France</li> <li>4. <b>Lonneke Driessen- Muters</b>, Executive Director, OCPP Alliance</li> <li>5. <b>Ashok Sarkar</b>, Senior Energy Specialist, World Bank</li> <li>6. <b>Sandeep Bangia</b>, Head, Electric Vehicle and Home Automation Division, The Tata Power Company Limited</li> <li>7. Makoto Dave Yoshida, CHAdEMO Association</li> <li>8. <b>Sajid Mubashir</b>, Scientist G, Department of Science and Technology</li> <li>9. <b>CK Sreenath</b>, DGM (Smart Grid &amp; Electric Vehicle), BESCOM</li> <li>10. <b>Girish Ghatikar</b>, Senior Program Manager, EPRI</li> </ol>

04 MARCH 2021 (THURSDAY): PARALLEL SESSIONS		
04 MARCH 2021: DAY 3 - PARALLEL SESSIONS	Time	Session Details
	India 11:00 ~ 13:30	<b>Workshop on District Cooling Systems</b> DETAILED AGENDA at <b>APPENDIX - J</b>
	India 11:30 ~ 13:30	<b>Roundtable - 4: Urban Air Mobility Systems (UAM)</b> DETAILED AGENDA at <b>APPENDIX - K</b>
	India 14:30 ~ 17:30	<b>5<sup>th</sup> SWEDEN - INDIA Smart Grid Workshop</b> DETAILED AGENDA at <b>APPENDIX – L</b>
	India 14:00 ~ 19:00	<b>Smart City Gas Distribution and Green Hydrogen</b> DETAILED AGENDA at <b>APPENDIX - M</b>
	India 14:00 ~ 17:30	<b>Roundtable - 5: Blockchain Applications in Energy Sector</b> DETAILED AGENDA at <b>APPENDIX - N</b>

# ISUW 2021: DETAILED AGENDA

05 MARCH 2021 (FRIDAY): CONFERENCE DAY 4	
Time & Venue	Session Details & Speakers
<b>Talk by Celebrity Speaker</b> New York {23:30 (Previous Day) ~ 00:30}   Paris (05:30 ~ 06:30)   India (10:00 ~ 11:00)   Tokyo (13:30 ~ 14:30)	
<b>New York</b> 01:00 ~ 03:00 <b>Paris</b> 07:00 ~ 09:00 <b>India</b> 11:30 ~ 13:30 <b>Tokyo</b> 15:00 ~ 17:00 <b>PLENARY HALL</b>  <b>Coordinator:</b> <b>Suddasatta Kundu</b>	<b>SESSION - 9: DISRUPTIVE TECHNOLOGIES AND INNOVATIONS FOR UTILITIES: PART-B</b> <b>Chair:</b> Anshu Bhardwaj, Chief Executive Officer, Shakti Sustainable Foundation <b>Moderator: Probir Neogi</b> , Chief Advisor, Corporate Affairs, RP-Sanjiv Goenka Group <b>Speakers:</b> 1. <b>Greg Kushnir</b> , Chief Executive Officer, EMROD, New Zealand 2. <b>Ganesh Srinivasan</b> , Chief Executive Officer, Tata Power Delhi Distribution Ltd 3. <b>Yogesh Gadkari</b> , Executive Director, MSEDCL 4. <b>Adarsh Nagarajan</b> , Lead - Distributed Generation, NREL, USA 5. <b>Jitendra Nalwaya</b> , Vice President - System Operations, BYPL 6. <b>Amitava Ghosh</b> , Vice President – Engineering, Bidgley 7. <b>Akilur Rahman</b> , Hitachi ABB Power Grids 8. <b>Shishir Shekhar</b> , Senior Global Market Manager, Utilities & Energy, MathWorks 9. <b>Sumit Gupta</b> , Chief Executive Officer, AssetPlus Consulting 10. <b>Divya Rajagopal</b> , Automation GIU Leader, IBM 11. <b>Ankush Sharma</b> , Chief Executive Officer, Yeppar
<b>LUNCH + TOUR OF ISUW 2021 EXHIBITION</b> New York (03:00 ~ 03:30)   Paris (09:00 ~ 09:30)   India (13:30 ~ 14:00)   Tokyo (17:00 ~ 17:30)	
<b>ISGF INNOVATION AWARDS CEREMONY &amp; VALEDICTORY FUNCTION OF ISUW 2021</b> <b>05 March 2021 (Friday)</b> New York (03:30 ~ 06:30)   Paris (09:30 ~ 12:30)   India (14:00 ~ 17:00)   Tokyo (17:30 ~ 20:30)	

05 MARCH 2021 (FRIDAY): PARALLEL SESSIONS	
Time	Session Details
<b>India</b> 10:00 ~ 13:00	<b>Workshop on Live Line Maintenance in Utilities</b> DETAILED AGENDA at <b>APPENDIX - O</b>
<b>India</b> 11:30 ~ 13:30	<b>Presentation of Select Technical Papers: Part – 2</b> DETAILED AGENDA at <b>APPENDIX - C</b>

*\*This is draft Agenda; Speakers are invited and confirmations awaited.*