



**India SMART UTILITY Week 2021**  
**02 - 05 March 2021**  
 Digital Platform

ISUW 2021  
 International Conference and Exhibition on Smart Energy and Smart Mobility for Smart Cities

www.isuw.in

Organiser  
**ISGF**  
 India Smart Grid Forum

2 <sup>nd</sup> March 2021 Tuesday Conference & Exhibition	3 <sup>rd</sup> March 2021 Wednesday Conference & Exhibition	4 <sup>th</sup> March 2021 Thursday Conference & Exhibition	5 <sup>th</sup> March 2021 Friday Conference & Exhibition
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ISGF INNOVATION AWARDS: 5<sup>th</sup> March 2021

## ISUW 2021 AGENDA

# 5G FOR SMART UTILITIES AND SMART CITIES in partnership with Telecommunications Standards Development Society, India (TSDSI)



03 MARCH 2021 (Wednesday)			
New York	Paris	India	Tokyo
00:30- 02:30	06:30- 08:30	11:00 - 13:00	14:30- 16:30

**BACKGROUND NOTE:**

*Communication infrastructure, coupled with IoT technologies, is an essential component for making utilities and cities “smart”. ITU’s IMT2020 standards (aka 5G) focus on 3 pillars of new capability - Ultra Reliable Low Latency Communication (URLLC), enhanced Mobile Broadband (eMBB) and Massive Machine Type Communications (mMTC). The new 5G capabilities are crucial for realizing the full benefits for smart utilities and smart cities.*

*The ITU Radio communication Sector (ITU-R) has recently published Recommendation ITU-R M.2150 (Detailed specifications of the radio interfaces of IMT-2020). One of the 3 technologies to be approved is 5Gi, developed by Telecommunications Standards Development Society, India (TSDSI), India’s Telecom SDO. Further, the Indian Government has recently adopted TSDSI’s transposed oneM2M standards as national standards for IoT/M2M technologies.*

*These milestones are significant for implementation of standards based solutions in various use cases and industry segments.*

*This session will look at the enablement for smart utilities and smart cities from the arriving 5G technologies and the new standards. It will discuss the 5G features and share experiences from early trials/ deployments.*

5G for Smart Utilities and Smart Cities

Time	Session Details
11:00 ~ 11:15	<b>INAUGURAL SESSION</b> <b>Welcome Address: ISGF</b> <b>Opening Remarks: Pamela Kumar</b> , Director General, TSDSI
11:15 ~ 11:30	<b>SESSION 1: 5G Applied to Smart Utilities and Smart Cities</b> <b>Speaker: Satish Jamadagni</b> , Vice Chairman-TSDSI (Vice President-Reliance JIO)
11:30 ~ 11:45	<b>SESSION 2: oneM2M for Smart Utilities and Smart Cities</b> <b>Speaker: Sachin Chaudhari</b> , Asst. Professor, IIIT Hyderabad
11:45 ~ 12:45	<b>SESSION 3: Panel Discussion</b> <b>Moderator: Sharad Arora</b> , Co-Chair TSDSI Outreach Committee and Governing Council Member (Founder and Managing Director, Sensorise Digital Services Pvt Ltd) Participants: <ol style="list-style-type: none"> <li>1. <b>R K Pathak</b>, Convener, 5G High Level Forum (DDG-IC, DoT)</li> <li>2. <b>Subhas Mondal</b>, Governing Council Member, TSDSI (WIPRO Fellow &amp; Chief Architect-5G, WIPRO)</li> <li>3. <b>Kiran Kuchi</b>, Professor, IIT Hyderabad</li> <li>4. <b>Amarjeet Kumar</b>, CEO – Shrama Technologies Pvt Ltd</li> <li>5. <b>Hem Thukral</b>, Smart Grid Expert, Ernst &amp; Young (EY)</li> </ol>
12:45 ~ 13:00	<b>SESSION 4: Key Takeaways and Closing Remarks</b> <b>Sharad Arora</b> , Co-Chair TSDSI Outreach Committee and Governing Council Member (Founder and Managing Director, Sensorise Digital Services Pvt Ltd)