



# India SMART UTILITY Week 2020

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

**March 03 - 07, 2020**

The Lalit Hotel, Barakhamba Road,  
New Delhi, India

## Supporting Ministries



Ministry of Power  
Government of India



Ministry of New & Renewable Energy  
Government of India



Department of Commerce  
Ministry of Commerce and Industry  
Government of India



Ministry of Housing and Urban Affairs  
Government of India

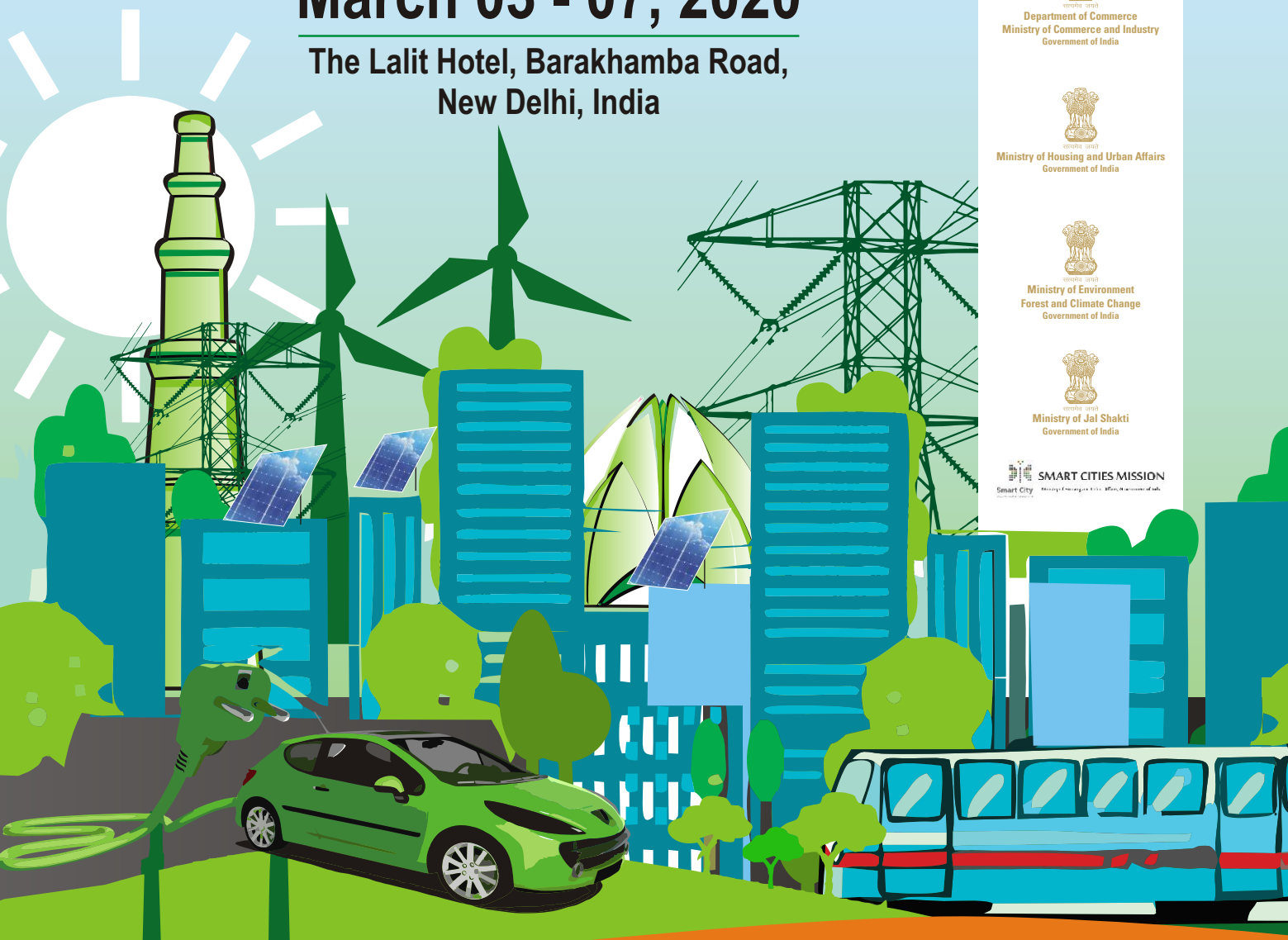


Ministry of Environment  
Forest and Climate Change  
Government of India



Ministry of Jal Shakti  
Government of India

**SMART CITIES MISSION**  
Smart City  
Ministry of Housing and Urban Affairs, Government of India



Organiser

Host Utilities

Co-Host Utilities

**ISGF**  
India Smart Grid Forum

  
**TATA POWER-DDL**

  
**TATA POWER**

  
**BESCOM**

**BSES**  
BSES Rajdhani Power Limited

**BSES**  
BSES Yamuna Power Limited

  
**CESC  
LIMITED**

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 [@isuw2020](https://twitter.com/isuw2020)

# India Smart Utility Week (ISUW 2020)

ISGF has been organising its flagship annual event, India Smart Grid Week (ISGW) since 2015 and it is considered as one of the top five international events on Smart Grids and Smart Cities. With launching of 100 smart city projects by the Government of India, water and city gas distribution utilities will also need to equip themselves with latest technologies for improved operational efficiency and successful integration into the smart city systems. However, lack of effective policy and regulations both at the central and state level along with inadequate safety guidelines, standards, business models act as barriers for its growth. In order to address all the challenges and to discuss future technologies and opportunities, we have transformed the India Smart Grid Week (ISGW) to India Smart Utility Week (ISUW) in 2019. From the overwhelming feedbacks we received, ISUW 2019 was an astounding success, attended by over 1800 + delegates and 288 speakers from 41 countries.

ISUW 2020 is planned from 03 - 07 March 2020 in New Delhi. ISUW 2020 will be organised as an International Conference and Exhibition on Smart Energy and Smart Mobility for Smarter Cities. ISUW 2020 will bring together India's leading Electricity, Gas and Water Utilities, Policy Makers, Regulators, Investors and world's top-notch Smart Energy Experts and Researchers to discuss trends, share best practices and showcase next generation technologies and products in Smart Energy, Smart Mobility and Smart Cities domains. ISUW 2020 will include plenaries, keynotes, bilateral workshops, high level roundtables and technical sessions on variety of topics.

## Event Structure of ISUW 2020

**03 March 2020**  
**Tuesday**

Master Classes  
Parallel Events  
Cultural Tours  
(Optional)

**04 March 2020**  
**Wednesday**

Conference & Exhibition

Welcome Reception

**05 March 2020**  
**Thursday**

Conference & Exhibition

**06 March 2020**  
**Friday**

Conference & Exhibition

ISGF Innovation Awards  
2020 & Gala Dinner

**07 March 2020**  
**Saturday**

Technical Tours  
Cultural Tours  
(Optional)

## Conference Themes of ISUW 2020

### Theme-A: Towards a Net Zero Energy Power Sector - Mainstreaming Renewables

- Roadmap for 450 GW Renewable Energy by 2030
- Forecasting, Scheduling and Dispatching of Renewable Energy
- Power System Flexibility
- Unleashing a Rooftop Solar Revolution

### Theme-B: Towards a Carbon Neutral Transport Sector

- Electric Mobility - Policies and Programs in India vis-a-vis International Scenarios
- Electrification of Public Transportation - Experiences and Challenges
- EVs and Charging Stations - Technology Trends and Standards
- Business Models for EV Fleets and Charging Stations

### Theme-C: Technologies Enabling Energy Transition

- Energy Storage Technologies for Grid Support and EVs
- Digitalization - 250 Million Smart Meters in India by 2024

### Theme-D: Advanced and Disruptive Technology Trends

- Voice of the Customer in the Digital Era
- Blockchain Applications in the Energy Sector
- Artificial Intelligence and Robotics

## Special Plenaries

Power Systems  
Security in the  
Era of Cyber Wars

Regulations  
Enabling  
Energy Transition

Women in Energy  
and Energy  
Transition

Future Skills  
for the Jobs  
in 2030s

## Parallel Events

- IEC - IEEE World Smart Energy Standardization Coordination Workshop
- Roundtable on Interconnection of Regional Grids in Asia: SAARC Grid - GCC Grid - ASEAN Grid
- Global Perspectives on Energy Transition and Smart Grids - in collaboration with Global Smart Grid Federation
- Smart City Gas Distribution
- Smart Water Distribution
- Presentation of Technical Papers
- Workshop on Optimizing Electricity Grids by District Energy System Integration - in collaboration with APUEA

\* Program under finalization



## Bilateral Workshops at ISUW 2020



9<sup>th</sup> EU - India  
Smart Grid Workshop



6<sup>th</sup> US - India  
Smart Grid Workshop



4<sup>th</sup> Sweden - India\*  
Smart Grid Workshop



3<sup>rd</sup> France - India\*  
Smart Grid Workshop



1<sup>st</sup> Switzerland - India  
Smart Grid Workshop

## ISUW 2020: Master Classes | 03 March 2020

Track-1  
Technologies Enabling  
Energy Transition:  
DIGITALIZATION

Track-2  
Technologies Enabling  
Energy Transition:  
E-MOBILITY

Track-3  
Technologies Enabling Energy  
Transition: ENERGY STORAGE  
SYSTEMS (ESS)

## ISGF Innovation Awards 2020 | 06 March 2020

ISGF is organising the 4<sup>th</sup> edition of Innovation Awards as part of ISUW 2020 to foster and recognize break through innovations in Smart Grid and Smart City Domains

### Nomination Categories

Sr. No.	Award Categories
1.	Best Smart Grid Project in India by Utility
2.	Best Smart Grid Project in India by Technology Company
3.	Most Reliable Supply of Electricity by Utility in India
4.	Smart Technology <ul style="list-style-type: none"> <li>a. Electricity - Generation, Transmission, Distribution and RE Integration</li> <li>b. Gas Distribution</li> <li>c. Water Distribution</li> </ul>
5.	Innovative EV Design and EV/ EVSE Rollouts of the Year <ul style="list-style-type: none"> <li>a. 2- Wheeler</li> <li>b. 3- Wheeler</li> <li>c. 4- Wheelers</li> <li>d. Public Transportation Vehicles</li> <li>e. EV/ EVSE Rollouts</li> </ul>
6.	Smart Start-up of the Year
7.	Smart Incubator of the Year
8.	ISGF President's Award for the Best Contribution towards growth of Smart Grids in India

### Highlights of 2020

8 Award Categories



127 Nominations

84 Organisations



Winners Being Finalized

Contact us for details: [awards@isuw.in](mailto:awards@isuw.in)

## ISUW 2020 : Technical Tours | 07 March 2020

1

Smart Grid Lab and 10 MWh Battery Energy Storage System (BESS) at Tata Power DDL, New Delhi\*

2

Renewable Energy Management Centre (REMC) and National Power Systems Control Centre, New Delhi\*

For more details, please visit: [www.isuw.in](http://www.isuw.in) For queries email us at [isuw@isuw.in](mailto:isuw@isuw.in)

Please Note: Registration as a ISUW 2020 delegate for all 3 days will be required to attend the Technical Tour.

\*Programs under finalization





# Highlights of India Smart Utility Week 2019



## Glimpses of Conference and Exhibition at ISGW 2019



## Country Participation at ISUW 2019

Australia	Austria	Bahrain	Bangladesh	Belgium	Bhutan	Great Britain
Canada	China	Czech Republic	Denmark	Finland	France	Germany
India	Indonesia	Ireland	Israel	Italy	Japan	Jordan
Kenya						
Latvia	Maldives	Myanmar	Nepal	Netherlands	Norway	Poland
Portugal	Singapore					
Slovenia	Spain	South Africa	Sri Lanka	Sweden	Thailand	Ukraine
UAE	USA					



## ISUW 2020: Key Partners

### HOST UTILITIES



### CO-HOST UTILITIES

### PLATINUM PARTNER



### GOLD PARTNERS



### SILVER PARTNERS



### TECHNOLOGY PARTNERS



### WELCOME RECEPTION PARTNER



### BRONZE PARTNER



### KNOWLEDGE PARTNER



## ISUW 2020 : Exhibitors



## ISUW 2020: Supporting Organisations

