AGENDA

Background
56 percent of the world’s population lives in urban areas by 2020 and 80 percent of the world’s energy is consumed here. The urban population in Asia-Pacific will grow by 16 percent between 2020-2030, and by 2050 more than half of the world’s urban population will be in the Asia-Pacific region. Cities in emerging economies, where 95 percent of population growth to 2030 and beyond will occur, will account for the majority (70 percent) of global growth in energy use through 2030. For instance, according to 2018 Global Status Report, the energy needed for cooling buildings will triple by 2050 – a growth equivalent to the current electricity demand in the USA and Germany combined. Governments throughout the region struggle to keep pace with the growing demand for energy infrastructure while striving to meet the requirements for livable and environmentally sustainable cities. It is safe to say that the development of sustainable urban energy, complemented by other enabling systems of provision is crucial to combat climate change. Cities can be climate-solvers and can help countries in Asia-Pacific to achieve their international climate commitments.

Key Topics
1. District Energy Developments Global and Indian Scenario
2. Integrated Energy Applications: Smart Grids – Peak Load Shaving – Energy Storage – Demand Side Response (DSR)
3. Developing, Financing and Managing Energy Utilities

11:50~12:40 PART 1: DISTRICT ENERGY DEVELOPMENTS - Global and Indian Scenario

Chair: RR Mehta, Former CEO, Reliance Energy
Moderator: Sanjay Dube, IIEC
Speakers:
1. Mikael Jakobsson, Asia Pacific Urban Energy Association (APUEA)
2. SP Garnaik, EESL, TBC
3. Benjamin Hickman, UN District Energy in Cities Initiative (UN DES), Video
4. Disha Sharma, International Energy Agency (IEA)
5. Sudheer Peerla, Tabreed


Chair: Arbind Prasad, Chairman, Jharkhand ERC
Moderator: Peter Lundberg, APUEA
Speakers:
1. Akshay Mangal, Broad
2. Santhosh Muzumbar, Johnson Controls
3. Rahul Tongia, Brookings Institution & India Smart Grid Forum
4. Nitesh Mishra, ABB*
5. Jignesh Rawat, Danfoss*
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| 14:50~15:40  | PART 3: DEVELOPING, FINANCING AND MANAGE ENERGY UTILITIES | Moderator: Mikael Jakobsson, APUEA  
Contact:  
Speakers:  
1. Teruhisa OI, Asian Development Bank  
2. Sanjay Dube, International Institute for Energy Conservation  
3. Markus Wypier, GIZ  
4. Rajeev Sharma, VP Engineering and Construction, GIFT City, Gujarat |