

Host Utilities



SESSION PARTNER



India SMART UTILITY Week 2025

ORGANIZER



Supporting Ministries



Smart Metering Part - A : Global and Indian Lessons

PRESENTATION TOPIC

Presented By

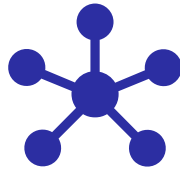
Amarjeet Kumar, Founder – India Regional Coordinator, Wi-SUN Alliance



- Key Considerations in the Planning, Design and Rollout of Large AMI Systems
- Important Lessons from Rollout of Large AMI Projects in USA, France and Italy
- Challenges in Regular Upgrades, Network Expansions and Maintaining High SLAs for 10+ years
- Challenges with Customer Acceptance of Smart Meters



Communication
technologies selection



Network Planning and
Management



End-to-End security



Optimized network
performance



- International
 - Standard based Large deployment [TEPCO, Japan]
 - Multiple application (Electric and Gas meter) in single network by National Grid, USA
 - Multiple meter and communication vendors in single network by Duke Energy, USA
- India
 - Multiple communication technologies on a single HES and MDMS



- Predictive network management
- Impact of everchanging environment
- Network expansion on existing network.
- Additional use cases

Host Utilities



SESSION PARTNER



India SMART UTILITY Week 2025

ORGANIZER



Supporting Ministries



THANK YOU

For discussions/suggestions/queries email: isuw@isuw.in

www.isuw.in

Links/References (If any)