Host Utilities













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India **SMART UTILITY** Week 2025











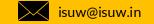


Session: SMART METERING PART A – GLOBAL AND INDIAN LESSONS

Smart Meter: A Grid EDGE Device

Presented By

ANKUR SHARMA, CEO, FLOCK ENERGY











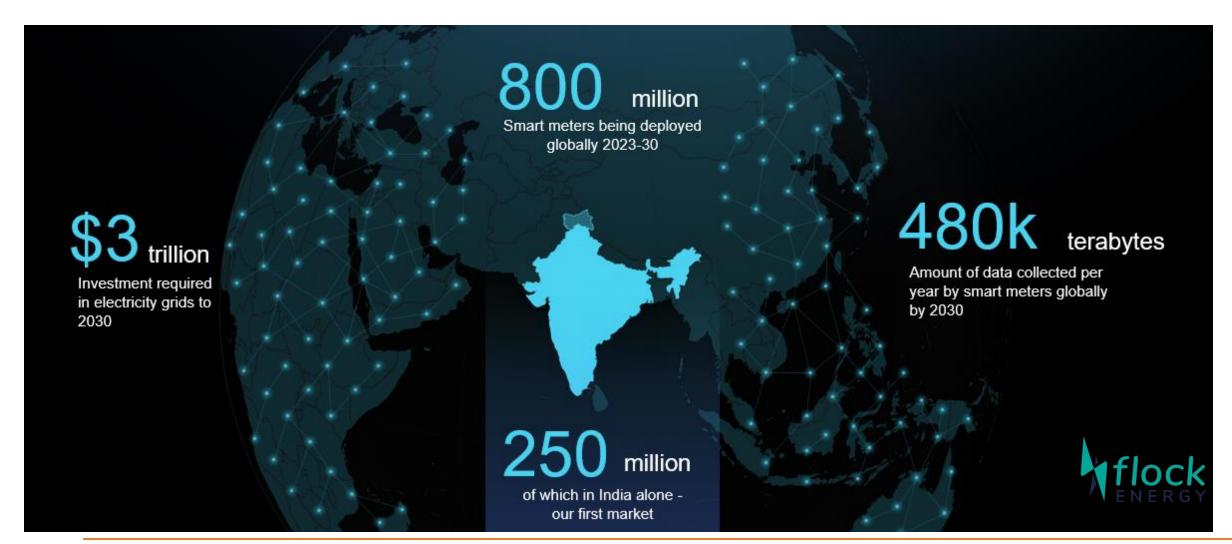


INTRODUCTION





Traditional meters- limited capabilities, Smart meters- unlocking a new era of energy intelligence







Data is the new GOLD. Smart meters the GOLDMINES.









Lessons learned & the Changing Technology Landscape

- CONVERTING SMART METERS TO GRID EDGE DEVICE
- STANDARDIZATION IS A MUST
- LEVERAGE THE POWER OF AI & DECREASING DATA PROCESSING/STORAGE COSTS TO SUPPORT NEW BUSINESS MODELS & MARKET INNOVATIONS (P2P, DEMAND RESPONSE, etc.)



THE ENERGY BRAIN: A GLIMPSE INTO THE FUTURE







AI-POWERED SOLAR AGGREGATION & OUTREACH









RECOMMENDATIONS





- UNIFIED ENERGY INTERFACE (UEI): A STEP IN THE RIGHT DIRECTION
- IMPROVE ACCESSIBILITY OF DATA TO UNLOCK NEW BUSINESS MODELS & MARKET INNOVATIONS (SMART DATA STORAGE & CATEGORIZATION-NODE-BASED APPROACH)
- DIGITAL SPINE (LEARNINGS FROM UK)



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ORGANIZER Supporting Ministries











THANK YOU

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

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