

Host Utilities



# India SMART UTILITY Week 2025

ORGANIZER



Supporting Ministries



**Session : SMART METERING PART A – GLOBAL AND INDIAN LESSONS**

**Smart Meter: A Grid EDGE Device**

*Presented By*

**ANKUR SHARMA, CEO, FLOCK ENERGY**

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



## Data is the new GOLD. Smart meters the GOLDMINES.



How might we reduce losses and peak load in areas of grid stress?



How might we convert more than our current 1% of leads?



How might we find customers with inefficient appliances?



How might I know what's really making my bills so high?



How might we differentiate vs other manufacturers?

## 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



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**ISGF**  
India Smart Grid Forum



**flock**  
ENERGY

# AI-POWERED SOLAR AGGREGATION & OUTREACH



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- **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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# THANK YOU

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