Deep Dive Workshop on
Artificial Intelligence and Robotics for Electric Utilities
Organized by India Smart Grid Forum

Use Case of AI in Metering for Electric Utilities

Presented by
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A decision science company for Utilities

Tuesday, 15th June 2021 | 17:30-19:00 (India) | 20:00 - 21:30 (Manila)
Industry Pain + Perspective from STRATEGY 5 for utilities

• ........the cost of **Metering, Billing and Payment Collection** is approximately 30-50 cents per consumer globally (ie roughly Rs 20/- per consumer in India) further the **METER PROBLEMS** causes erosion of topliner by 10-15%.......any initiative in this direction would be a welcome move by globally utilities and hence give rise to smart technology adoption

And then we have COVID TOO!!

Strategic 5 firms globally are Mckinsey, BCG, AT Kearney, Bain & Co, Booz Allen Hamilton
Operation Efficiency Offering

ARTIFICIAL INTELLIGENCE DRIVEN METERING
Business Challenges

Electricity companies can not do accurate billing as meter reading is entered or punched which is prone to errors

Meter readers/users not putting the data correctly intentionally or UN-intentionally
Business Challenges

When there are a lot of meters in same cluster, the chances are that once person reading goes in to other person data

Meter readers not putting the data correctly intentionally or UN-intentionally
Business Challenges

No relation established between the photos taken, CA#, meter number, latitude, longitude, meter reading.

Images to be processed without human intervention and attached CA number with meter reading and meter number output.
We found the perfect solution to replace traditional meter reading - one that will NEVER fail to deliver.

CLK2PAY

An AI intervention that enables Metering, Billing and Payment in just 3 clicks!

- Pandemic resistant - never look back to old methods
- GIS enabled to capture location details
- Pay anytime, anywhere
- No need for physical meter checking
- Reduces cost per customer
Complete Meter Image processing offline AI processing Validation and verification/ Audit check of spot/self/meter reader
Meter reading, Meter Number processing, Online AI processing using mobile AI application

CLK2PAY
CLK2PAY

SCAN
CONFIRM
PAY

Electricity Meter

Artificial Intelligence Enabled Metering, Billing, Payment Solution

Organizer

Partner Organization

Artificial Intelligence and Robotics for Electric Utilities | 15th June 2021 | 17:30 to 19:00 IST
Real time meter reading from video
1 Everyone uses the phone!
   Our solution can be adopted easily by customers - without any hassle.
   Both in online/offline mode

2 Customer bills can be printed out and given to customers

3 Utilities can see a **Revenue turnaround in under 1 minute** as compared to 1-7 days before.
Traction

AI IMPROVEMENT IN PROGRESS

One Stop solution for Power/Gas/Water

Work in progress with India’s leading utility (Gas/Power)
Question and Answers
Thank You
For discussions/suggestions/queries email:

Links/References (If any)