



## Case study

# Smart Meter Implementation Program for Leading Energy Company

The client had a mandate to facilitate energy efficiency projects and create innovative business and implementation models that can significantly reduce consumption and costs.

## Client

The client is a state-run company responsible for electricity transmission and distribution within the Indian state of Uttar Pradesh.

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## Challenges

The client was facing two major challenges in revenue realization:

- Increasing outstanding payments.
- 40% unmetered households resulting in loss of revenue.

Hence, our client was looking for a prepaid metering solution in adherence to Central Electricity Authority.

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## LTIMindtree Solution

LTIMindtree's solution was focussed on ensuring revenue realization, and hence, we implemented prepaid integrated meter solution for the client. As a part of this initiative, we undertook the following actions –

- Implementation of Oracle Meter Data Management System, Consumer Portal, and Mobile app making prepaid metering a reality.
- Implementation of Prepaid Metering solution in MDM.
- Implementation of Net Metering.
- Implementation Of Oracle Utility Analytics.
- Integration with Customer Care and Billing system, Head End System, and other legacy applications in the landscape.

## Business Benefits

- **Revenue assurance for DISCOM via implementation of prepaid metering directly impacting top-line and bottom-line.**
- **Immediate detection and action on the Meter performance through events and alarms configuration.**

- Net Metering functionality allows consumers to use Solar Energy.
- Cost savings due to elimination of field force required for reading, collection, connection, and disconnection.
- OUA/OBIEE configured for Tamper reports, Demand and Consumption reports, and Energy accounting.

## Technology

ORACLE.

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