



Case Study

Improving Inventory Visibility, Control, and Optimization for Power Utility



Client

The client is the second largest power generation company in India with the highest thermal installed capacity among all the state power generation utilities.



Challenges

- > Improving information availability across fuel plants.
- > End-to-end integration, from energy planning to dispatch and sales.
- > Improving inventory visibility, control, and optimization.
- > Reducing throughput time across the entire value chain, from fuel to electricity.
- > Providing real-time reporting to simulate quick decision-making.



LTIMindtree Solution

LTIMindtree implemented an integrated Fuel Management solution with the following highlights:

- > Integrated solution to provide better control and decision-making
- > Build performance accountability
- > Improved operational efficiency through process improvement
- > Centralized master data management and control
- > Optimized inventory of fuel, spares, and consumables and procurement through consolidation



Business Benefits



Complete visibility into material and reduced cycle time from source to delivery, lower inventory and working capital, and online automatic.



Better tracking of missing/unconnected/empty/sick wagons, rake diversion, etc.



Maximized plant availability through effective and pre-emptive maintenance of equipment and assets.

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