



Let's Solve

Case Study

OPERA Solution for Leading
Solar Power OEM



A Larsen & Toubro
Group Company

Client

The client is a leading player in Solar PV installations and execution of some of the largest solar plants. It has proven EPC capabilities providing superior solutions for solar power plants.

Challenges

- Monitoring and optimization of solar plant operations to achieve maximum power output possible
- Better forecasting of solar irradiation – plan for intermittency
- Remote condition monitoring and predictive maintenance of geographically spread plant equipment
- Lean operations for asset-intensive utilities by leveraging technology

LTI Solution

- Business intelligence analytics, performance analytics, case analysis, plant monitoring & control all in single platform
- Billing & revenue invoicing & connectivity with ERP system
- Intelligent weather forecasting model at 85% accuracy to maintain maximum power output and avoid penalties

Business Benefits Delivered

- 50% reduction in maintenance cost of inverter & SMB through predictive maintenance & alarms
- 3-5% improvement in CUF
- 10% overall reduction in OPEX

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