Instant Access to Power Plant Metrics at the Click of a Button

Sembcorp Power is a subsidiary of Sembcorp Industries (Sembcorp). As a leading energy, water and marine group operating across six continents worldwide, Sembcorp has an established energy portfolio.

NEED

P&L and decision support system for the power plant

- Projections and Assumptions for Power purchase and Fuel Supply Agreement, Operations and maintenance planning
- Monitor and alert power production and grid supply, Decision making reports

SUCCESS FACTORS

- Data sources are multiple and not integrated
- Significant amount of manual conversion
- Not real time, no "What-If analysis"
- Huge volumes of plant data

CUSTOMER

- Based out of Hyderabad, India, majority owned by Singapore's SembCorp
- A 1320 MW coal fired thermal power plant with direct linkage to the port for coal import

SOLUTION

- MIS Solution for Power Plant
- Total Solution: UI / UX, App Re-Design, Enhancements & App Maintenance
- Technology: SharePoint Online, ASP.NET, HTML5, MS SQL. and bootstrap framework
- Integration with SAP, historian and legacy applications

BENEFITS

- Seamless interface for MIS reporting
- Minimal manual intervention
- Real-time monitoring of plant data
- Predictive analytics

KEY FEATURES

- All critical plant metrics on one dashboard
- Powerful Dashboards & Reports
- Integrating SAP & Historian data
- Historical Trend analysis
- What-If & Predictive analysis