

SAP B1 Implementation for Electricity Generation through Wind Mill



SAP B1 Implementation

The Summary

Client has approached AG Technologies to Implement SAP Business One standard Implementation and with SCADA integration. By implementing SAP B1, it will help client to modernize their existing process with SAP system, meet market requirements, and provide richer functionality to business users and to generate various MIS report for management to help in decision.

The Client

Client is a conglomerate engaged in multiple businesses including but not limited to manufacturing and trading of steel and alloys, manufacturing and export of gold ornaments, and operating windmill.

The main Objective of Client is to generate and distribute energy using non-conventional/renewable energy sources including Wind energy, solar energy, hydro, biomass, etc.

In order to GO GREEN, Client installed wind mills and currently generates 12 MW electricity annually from their wind farm. At Present, Client owns 8 General Electric (GE) make windmills of individual capacity 1.5 MW each and cumulative aggregating 12 MW in Radhapuram District, Tirunelveli, Tamil Nadu, India. All the 8 windmills are operating in TN. GE is the first wind turbine manufacturer with the MW class machines in the world.

The Challenge

Currently major challenge faced by client was Inventory Management, Electricity Generation and Electricity Sales Management under Group Captive consumption scheme. Apart from 3 problem client also facing following challenges.

1. Lack of real time Inventory Details
2. Location wise profitability
3. Duplication of work. Manual Reporting (In Excel)

Business Requirement

Project Summary

Industry: Electricity generation through Wind Mill



Client Profile:

Client is engaged in electricity generation through Wind mill.

Solution:

Implementation of SAP B1 9.0. with customization to capture SCADA System data into SAP B1.

Client has approached AG Technologies to implement SAP B1 along with SCADA integration and customised report. To meet changing demands of market due to dynamic customer requirements, it has become necessary for client to improve their service, provide innovative solutions and build new business model.

The Solution

AG Technologies approach to implement SAP B1 is to meet and exceed the expectations/requirement of the CLIENT team.

SAP B1 9.0 PL-10 is in use at Client offices in both Chennai Head Office and Radhapuram Site office. The company has 06 users, with around 06 users logged in at any one time across the locations using Remote Desktop Connection.

SAP Modules and Version:

SAP Version : SAP Business One 9.0 PL 10

Customizations : Customised screen for entering Electricity Export\Import and Machine Operation details

The Solution Benefit

Since the implementation of SAP Business One, Client has benefited from marked cost savings, better control in inventory management. Proper reconciliation of Electricity units, Various MIS report which helps in decision making process, various alerts on Email for Due date/Reports/Reminder. There has been a significant reduction in the number of days taken to close accounts.

Client worked with several software packages and the main advantage that we have with SAP Business One is that it is so customizable. With SAP Business One, client is benefiting from a good accounting package that is extremely customizable and is very well supported.

Several applications have been integrated with SAP Business One and several other systems feed information directly into SAP Business One – removing the issue of data duplication and re-keying of the same information.

Other benefits of implementing SAP B1

- Integration with SCADA system.
- Multiple geographical locations under one roof. Location wise profitability.
- MIS report generated through SAP B1 will helpful in decision making process
- Alerts on Email for various Due payment/Receipts.
- Helpful for Electricity Unit reconciliation.
- Business activity with Globally accepted Processes/Standards
- Real time Inventory Management
- Asset Management through Fixed Assets module.