

Benefits of the ERP Project- SHAKTHI:

Project “SHAKTHI”, the SAP project implementation has improved our process efficiency and in turn reduced our decision making time. With implementation SAP we are experiencing significant improvement in our financial performance.

Successful projects also depend on competent consultants and our domain experts, along with an initial software selection process that results in the right choice for a company's needs.

Business process Mapping and data to the new system while keeping the project's scope manageable. A customer's users, who might be accustomed to working a certain way, have to be on board with the switch as well.

Contract details:

Project “SHAKTHI” – The Project was named as “SHAKTHI” (System to Harness APGENCO Knowledge Transformation for Harmony & Integration) as it promises to lead into new area of Information management in the organization. The Project is aimed to establish an integrated business application architecture based on an ERP backbone that will support day to day functioning and will in turn move its business strategy forward.

APGENCO partnered with SAP India for supply and implementation of SAP ERP across 27 APGENCO locations.

SAP Version : ECC 6.0 EHP6 was implemented with all the core modules i.e FICO, PM,PS, SD, QM,MM, HCM & PAYROLL, ESS, BW, SRM and MII

Major enhancements were carried out using the SAP standard framework to meet the APGENCO Specific requirements in the area of Fuel Management, Payments System, Energy Billing, Quarters Management.

Benefits achieved:

- Covers complete cycle from Planning to Payments and consumptions monitoring of Coal, Fuel Oils in the thermal power plants which contributes to around 80% of expenditure.
- Tracking the movement of coal and ensuring availability of coal at the Plants through Fuel management system. The system also helping in real time reconciliation and there is no need for period end reconciliations
- Minimising the breakdown time of equipment by effective utilization of the spares from other locations and viewing the solution given for the similar breakdowns in the past at other locations there by improving the availability of the equipment.

- All the financial data is available in the system which can be drilled down up to the initiating transaction level like Plant maintenance, Procurement etc. Preparation of final accounts time was drastically reduced from 90 Days to 40 Days (first year 2013-14 accounts closed in SAP) and it will further reduce in the future years. it becomes very easy to present to the statutory auditors.
- Visibility of inventory and operations of supply chain
- Overall quality of data is enhanced, thereby improving the flow of information in real time across the corporation for better decision support
- Improved transparency and Governance across the corporation

Revenue : Centralised system the reconciliation time has significantly reduced in terms of sale of Power.

Cost : Improved efficiency and transparency in the operations. Administrative lead time reduced in the supply chain, visibility of inventory improved across the Plants. Inventory carrying cost reduced by 10%.

Productivity:

Employee productivity increased by 10% - redundancy work is eliminated, better decision support, manual effort eliminated in data consolidation and reconciliation

- **Improved Customer service:** As a power generation company we have to provide information to the Power purchasers to meet the statutory and regulatory compliance. Reports have been created to provide this data. Energy billing solution has been implemented which reduced the time to reconcile of energy sent out and for energy audit.
- **Employee Productivity:**
 - Centralized system and hence there is no duplication of data entry.
 - Time taken to prepare reports has been drastically reduced since these reports are readily available in the system with analytics.
 - As the process are automated with workflows and data is available in real time, the administrative lead time is considerably reduced.
 - There is no longer any need to collect information from various plants, consolidate and to present it to the management. The system is providing the required MIS in real time for decision support.