

Case Study: Texas Municipal Power Agency

A case study on how Texas Municipal Power Agency benefits from Cohesive Solutions' Maximo Implementation Services

About the Client:

Texas Municipal Power Agency (TMPA) operates the 462 MW Gibbons Creek Power Plant located near Carlos, Texas and its associated transmission assets. TMPA, a municipal corporation and political subdivision of the State of Texas, provides electricity generation and transmission services to four cities: Bryan, Denton, Garland and Greenville.

Business Challenge:

When the utility found itself hindered by outdated maintenance processes, software, and architecture the consequences had already become evident in overall operations. Mission-critical information systems had limited reporting capabilities and lacked connectivity, limiting management's ability to provide power to the service area at the lowest possible cost.

Solution:

To reduce cost and improve performance, the utility decided to modernize its enterprise asset management (EAM) system and upgrade its business practices. With professional and technical guidance provided by Cohesive, the task was successfully accomplished on time and within budget.

"Because of the way Cohesive configured and implemented our new process and business controls, capital projects and maintenance are now tracked to budgets."

Craig York,
Plant Manager, TMPA

Cohesive helped define the performance metrics, led the process reconciliation workshops, and configured the application to reflect the new work processes, resolving all system challenges along the way. They managed the data cleanup, data building, conversions and interfaces. Dozens of new work procedures documented by Cohesive formed the basis for the training syllabus used by the utility's trainers. The integrator also guided the users through the system startup and supported them after the transition.

Results/Benefits:

The utility can now track capital projects and maintenance to budgets. Complex, control-based workflows link every work activity to a budget line, and field technicians can view budget status by work order from the field. There now is two-way communication between the EAM and Accounting systems in near real time. The JDBC-compliant database supports enhanced reporting

About Cohesive Solutions, Inc.

Cohesive Solutions, Inc., is a leading enterprise asset management consultant, certified Premier IBM Business Partner and systems integrator. Cohesive Solutions provides business transformation and consulting services that enable organizations to achieve higher asset ROI. Cohesive Solutions also delivers a unique EPM solution, Propel, that unlocks hidden potential while aligning business performance goals. Since 1998 Cohesive Solutions has provided world class services to North American organizations.

capabilities and provides more granular visibility into the operation and its projects.

Strategic improvements were also made. Obsolete and unused equipment records were eliminated and the hierarchies were reengineered. On request only (ORO) items are replacing direct purchases. Every task in the new system is tracked with a work order number. And, the utility has greater visibility into rotating items, serialized components, asset tracking, and lifecycle management. With its updated processes and modernized system infrastructure, the utility is now in a better position to deliver on its promise to its customers to deliver quality, reliability, and value.

Solutions Used:

- IBM Maximo
- Maximo Consulting Services
- IBM Maximo Maintenance and Support

