

Primavera P6 Implementation

Case Study:

Pacific Gas & Electric (PG&E)

OnTrack Scheduling conducted a comprehensive implementation of Primavera P6 and managed projects totaling between \$100-110 million per fiscal year for Pacific Gas & Electric's Hydro Division.

Project Goal

The goal of this project was to develop a universal structure to enable PG&E to view its project information and demonstrate ongoing progress, through detailed reporting and regular meetings, to senior management teams located throughout the State of California.

The Process

The first step was to install and set-up P6 on a central server. We then imported data from Microsoft Project for more than 600 ongoing and future projects into the new software program. Projects were assigned to the following regions: Northern Area, Central Area, Southern Area, Planned and Closed. OnTrack updated more than 100 active schedules for each region during this process.

Next, OnTrack worked with company management to create several project structure modules and a web interface to serve as a central communications hub for the entire team. Information and schedule updates were communicated to employees through bi-weekly meetings and web meetings with Project Managers, Engineers and Construction Leads. In the final phase, we began adding budget information to reflect costs for various work periods, which were summarized in the Project View module of the program.

Deliverables

The P6 implementation incorporated several components to fully optimize the program's capabilities:

- Enterprise Project Structure (EPS)
- Organizational Breakdown Structure (OBS)
- Work Breakdown Structure (WBS) for all projects
- Dashboard for P6 Web users (PMs, Engineers, Construction Leads, and senior management)
- SharePoint site for posting reports and layouts on a regular basis.

Benefits and Results

The P6 implementation has enhanced productivity and communication among all project teams in addition to producing the following benefits:

- PG&E now has a central data repository and a formal system for tracking progress of their Hydro System projects.
- Remote team members now have the ability to review live data via the P6 Web interface.
- Manpower allocation is more efficient, due to improved distribution of labor when and where it's needed.
- Information is now stored in a more structured way for faster, easier access by all team members.
- Budget Tracking has been added to the project management and scheduling function, improving PM's ability to control, anticipate and manage costs.
- Project team members located in various regions of the state can readily view continually updated information, enhancing understanding and communication on projects.

