# CASE STUDY

# Hosting for the Tehachapi Renewable Transmission Project

*DRMcNatty provides a solution that included implementation and hosting of multiple applications, including P6, Contract Management and custom web applications used to support the project. Additionally DRMcNatty provided staffing resources to support the Project Controls team.*

## OVERVIEW

The Tehachapi Renewable Transmission Project (TRTP) is a series of new and upgraded high-voltage electric transmission lines and substations capable of carrying 4,500 megawatts of electricity (enough energy to supply 3 million homes) from renewable and other generators test in Kern County south to San Bernardino County. SCE has completed construction of the 173-mile TRTP electric transmission line and energized the line fourth quarter of 2016.

DRMcNatty's team quickly deployed a system that was available as soon as the Notice to Proceed was received. Worked with SCE and B&M to gradually scale the system as the project evolved and provided staffing and technical support throughout the life of the project. Project closeout included providing all documents and reports in an organized electronic format for future reference.

## CHALLENGES

Burns & McDonnell's team was geographically dispersed and the client, SCE was looking for a quick start on the project. The software procurement process could take several weeks due to SCE approvals, but the team needed an immediate working environment.

## SOLUTION

DRMcNatty was able to deploy a hosted "working environment" within one day using one of our standby pre-loaded servers. As the team procured the needed software licenses the dedicated permanent system was deployed and the "working" databases migrated into the permanent environment without any interruption or impact to the project team. As the system scaled up DRMcNatty provided various technical resources to create forms and reports to support the clients evolving needs. Additional on-site technical staff was provided over the life of the project to support the team and maintain the system.

## RESULTS

This solution included implementation and hosting of multiple applications, including P6, Contract Management and custom web applications used to support the project. DRMcNatty provided implementation, design, programming and hosting of all these applications for the duration of the project. DRMcNatty also provided custom programming support to assist in the final transfer of data from the hosted site to internal SCE systems.