

CASE STUDY

Sunrise Powerlink Project

DRMcNatty worked closely with SDGE and Burns & McDonnell to quickly deploy a much-needed project management solution for the construction management of the Sunrise Powerlink renewable energy transmission line in the San Diego metro area.

PROJECT AT A GLANCE

COMPANY



San Diego Gas & Electric

LOCATION

San Diego, California

SERVICES PROVIDED

Implementation
Training
Custom Development

HOSTING

Primavera P6
Contract Management
One Touch PM

TECHNOLOGIES USED

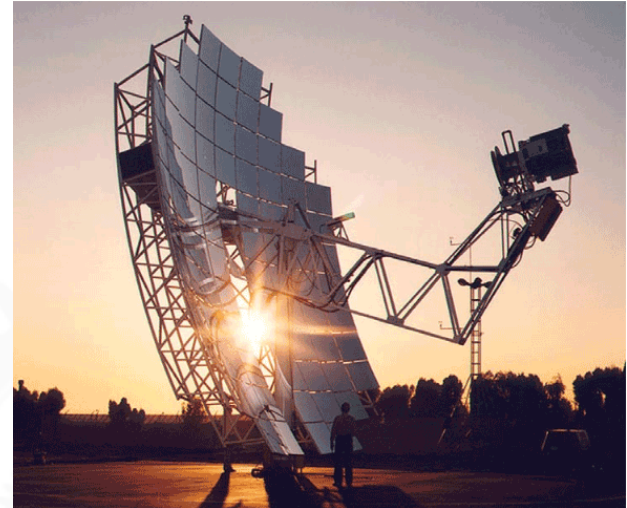
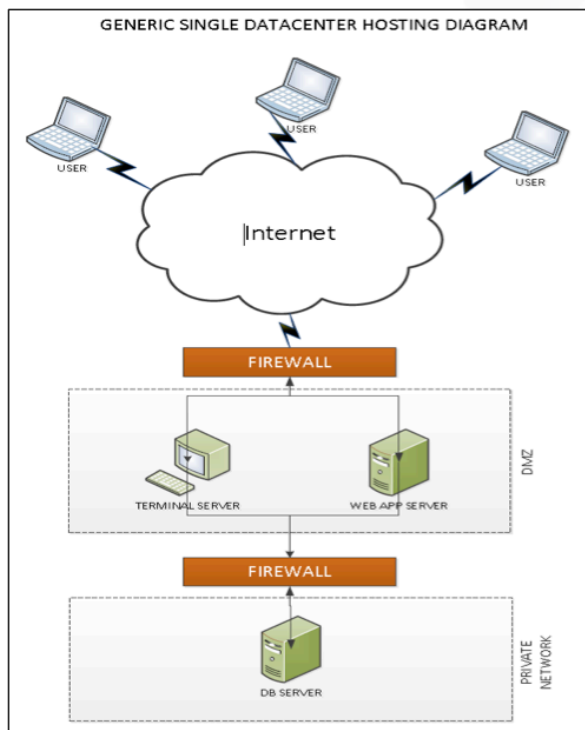
Contract Management Interface
ORACLE Primavera P6 & Primavera Contract Management
One Touch PM

Overview

Sunrise Powerlink is a high-voltage power transmission line by San Diego Gas & Electric (SDG&E) in San Diego County, California and Imperial County, California. The 117-mile (188 km) long 230/500-kilovolt-power line brings 1000 megawatts of renewable energy from the Imperial Valley to San Diego County. The cost of the project was \$1.9 billion for construction, and it is now considered a critical addition to the San Diego clean energy grid.

Challenges

The DRMcNatty team was engaged by SDG&E and the Project Engineer, Burns & McDonnell, to provide a cloud-based, comprehensive project controls solution that would provide one centralized location for all project participants to collaborate and share information. DRMcNatty created a specific plan for success that combined a specialty software product customized for the clients with an integrated Oracle Primavera based hosted system capable of supporting over 250 users. One of the primary issues is that they wanted daily visibility into field operations, especially the very sensitive environmental aspects of the project.



Solution

DRM, through its wholly-owned hosting and technology subsidiary, MLM Project Services, designed and deployed a web services interface for Primavera Contract Management to support direct remote access for Environmental and Construction Inspectors with the ability to provide daily P6 schedule update information. This in conjunction with a fully implemented project controls (Primavera P6) and document control (Primavera Contract Management) solution provided the basis for a complete project management information system to meet the client's goals. DRM was able to help these clients deploy these crucial services faster and more efficiently than without using outside consultation.

Results

The system provided SDG&E a central location for all project data. Daily Reports were processed by 10am the following morning and P6 schedules were updated with Steps and Notes from Contract Management. The highly publicized project completed successfully, is now active, and the project controls system was closed out and archived. Subsequently, Sempra/SDG&E/SoCalGas has chosen DRM/MLM as their hosting provider for all of their ongoing corporate P6 systems across their various business units.



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