

CASE STUDY

DRM Supports NERC Program

DRMcNatty provides project management and controls services in the support of multiple electric systems upgrade projects within the NERC program. DRMcNatty was engaged to assist the company in executing project work to ensure compliance with NERC, Federal, and State requirements.

CLIENT

BURNS & MCDONNELL

INDUSTRY



Utilities

PROJECT

NERC Program

LOCATION

Northern California

SERVICES PROVIDED

Project Management

Project Controls



OVERVIEW

The scope of work consisted of a program for the compliance of over 12,000 miles of its transmission system with voltages greater than 100-kV in response to the North American Electrical Reliability Corp. (NERC) Recommendation to Industry. NERC discrepancies were identified via LiDAR surveys and were packaged into projects by region and transmission line. Multiple project managers and controllers were paired to initiate, resource, engineer, plan, and execute a portfolio of projects to mitigate these NERC discrepancies.

CHALLENGES

DRMcNatty was engaged to assist the client in executing project work to ensure compliance with NERC, Federal, and State requirements. The project teams were responsible for orchestrating an array of complex structure, conductor, and framing assembly replacement projects in remote and challenging terrain to remove identified NERC infractions. The project team often encountered stakeholder, agency, design, schedule, environmental, operational, and construction risks throughout the project lifecycle.

SOLUTION

DRMcNatty provides value-driven solutions to complex projects and programs to ensure budget, scope, and schedules are met. We have in-depth expertise in electric transmission, budget, and schedule management, which uniquely positions us to provide our clients with value-driven insight. DRMcNatty's approach is built upon trust, strong relationships, understanding key client metrics, gathering all known project facts, identifying gaps, efficiencies, and improvements. Our focus is to develop plans that are actionable, deliverable-driven and focused on achieving the project goals and objectives. The key to DRMcNatty's success is the focus on quality, identification, assessment, and management of risk, and understanding of project interdependencies within the client organization.



DRMcNATTY

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CASE STUDY



Our specific roles and functions include: -

- Programmatic and project reporting,
- Budget and Schedule Management
- Project Performance Reviews,
- Cost and Schedule Analyses,
- Change Management,
- Contract and Commercial Reviews,
- Risk Assessments,
- Project Estimation, and
- Asset Management.

RESULTS

The completion of complex projects safely, under budget, on time, and exceeding client expectations while improving the safety, reliability, and integrity of the transmission line grid. While managing over \$100 million in capital projects spanning through complex terrain, the project team was successful in overcoming multiple design challenges, differing site conditions, weather events, operational shutdowns, and land rights challenges while maintaining schedule and budget.



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