



PROGRAM MANAGEMENT

PROGRAM & PROJECT MANAGEMENT

Whether you have a large complex project or a multitude of projects integrated into one program, you need effective management in order to succeed. Power Grid Engineering is well equipped to make sure programs happen when they're supposed to - the way they're supposed to – and with outstanding schedule, scope and budget performance. Utilizing our staff's vast years of experience, and with the aid of the most up-to-date processes, PGE is able to manage any size project to successful completion on time and on budget. Not only do we provide project management, but we also provide testing & commissioning, power system studies, substation design engineering, relay settings, and protection & control services.

We maintain and operate extensive program management systems and processes, including intricate processes for project controls, subcontracting management, and invoicing. We schedule, track and report on various elements of the program to gauge individual projects and overall program progress. With our world-class risk management control capabilities, we systematically manage program risk and increase certainty of success. Our clients are provided professional Program/Project Managers to support management at every phase, from engineering design to startup and commissioning. Benefits of our program management services include specific Service Level Agreements (SLAs) of defined scope, schedule and budget.

PROGRAM MANAGEMENT & IMPLEMENTATION SERVICES (PMIS)

www.powergridengineering.com/program-project-management-services

VALUE-ADDED CAPABILITIES

- Program Strategy
- Program/Project Control
- Portfolio Management
- Permitting Agency Liaison
- Contract Administration
- Construction Management

PROJECT IMPLEMENTATION

- Start-up Management
- Mechanical & Electrical Technicians
- Portfolio Management
- Instrumentation & Controls Technicians
- Safety & Environmental
- Quality Assurance & Control

OPERATIONS & MAINTENANCE (O&M)

- O&M Services Packages
- Technical Advisors
- Outage Services
- Commissioning & Test Services
- Electrical Technicians
- Technical Site Supervision

FINANCIAL ANALYSIS

- Start-up Budgeting
- O&M Budgeting
- Program/Project Controls
- Budget Oversight
- Manpower Requirements
- Ratio Analysis

TRAINING

- Operational Readiness
- Client, NERC & IEEE Standards
- Quality Assurance/Controls
- Technical Writing
- Portfolio Management
- Procedures & Policies



PMIS PORTFOLIO HIGHLIGHTS

PGE's program management personnel roster includes certified, experienced project managers with proven track records of managing complex projects ranging from a few hundred thousand dollars to several millions of dollars. Our PMO delivery approach is based on lean design principles to right-size program staffing. PGE's PMIS platform effectively develops and implement execution plans for every critical phase of a major program.

The PMO platform advantages include a predictable value-to-service outcome, scalability based on business demand, fewer delivery risks via SLAs, and operational performance metrics tied to process excellence, documentation and outcomes.

To learn more
about *PGE* services
and solutions, visit
powergridengineering.com

Multi-Year Substation Upgrade Program Florida	Multi-year/multi-phase program for 500/230 kV single phase transformers, and 230/69 kV three phase Transformer additions. This program included engineering, installation and commissioning of associated Switches and Breakers. This Expansion program also required managing and administering environmental permitting and regulatory management.
Multi-year Greenfield Distribution Substation Program Florida	A major engineering and design program, this 69/13 kV substations program used the client's unique design standards, and supported FDEP and FDOT permitting administration.
City-wide Redundancy Program Florida	A major total construction management program, including test engineering, installation and commissioning. Sub-project components included conduit, control cables and panels for redundancy protection.
Smart Grid Battery Installation Program Florida	This major turnkey program installed battery monitoring for a client's Smart Grid initiative in over 185 Substations.

