

SOLUTIONS FOR PROJECT SUCCESS

Focused Expertise in Project Controls

When multimillion-dollar projects are on the line, every detail counts. Tightly managed schedules and budgets are the key to success. This is where CM Solutions shines. Since 2001, we have been helping contractors, owners and agencies in the private and public sector save time and money with proven project controls for construction management. Our team of experts give project managers the information to keep projects and profitability on track, and to ensure peace of mind.

- Project Planning
- CPM Scheduling
- Collaborative Scheduling
- Time Impact Analysis
- Claims Resolution
- Risk Management
- Cost Controls
- Earned Value Management
- Contract Compliance
- Reporting & Dashboards
- Staff Augmentation
- EEO, DBE and Labor Compliance Monitoring

Your Certified Diversity Partner

With multiple SBE/DBE/WBE certifications, CMS is a diversity partner you can trust to add depth of expertise in project controls.

- DBE – Recognized by: California Unified Certification Program (CUCP); Texas Unified Certification Program (TUCP); State of Washington OMWBE
- LBE – Recognized by: City of Los Angeles
- LSBE – Recognized by: County of Los Angeles
- SBE – Recognized by: State of California DGS; City of Los Angeles; LA Metro; Port of Long Beach
- WBE – Recognized by: California Public Utilities Commission (CPUC); Women’s Business Enterprise National Council (WBENC)
- WOSB – Recognized by: Women’s Business Enterprise National Council

NAICS: 541611, 541330, 541618, 561990, 561110
DUNS: 016406237

INTEGRATED CAPABILITIES ACROSS SECTORS



ENERGY



TRANSPORTATION



WATER/WASTEWATER



FACILITIES



OIL AND GAS

ENERGY

We Trust to Power Our World

CM Solutions supports major programs with hundreds of projects for energy providers all over Southern California, including multi-year complex construction projects for electric transmission & distribution, substations, transformers and infrastructure connection to energy storage, solar generation and wind fields, as well as natural gas pipelines and compressor stations.

25
Industry
Specialists

10
Major
Projects

SCE Project Controls & Project Management Services

Owner: Southern California Edison (SCE)
Location: Pomona, CA
Project Value: Multi-billion

Southern California Edison is committed to keeping electricity safe, reliable, affordable and clean to meet the State's changing energy needs. CM Solutions' project controls experts work with SCE and client contractors to support the construction and modernization of major transmission projects with scheduling, cost controls and data analytics. CMS also assisted with implementing Primavera P6 as an enterprise scheduling solution. CMS staff drive continuous improvement by bringing best practices that enhance project management.

Artesian Substation Expansion

Owner: San Diego Gas & Electric (Sempra)
Location: Del Sur, CA
Project Value: Multimillion

Given the load growth over the past decade in the north San Diego inland area, increased demand for energy has created congestion on the existing power lines, causing strain on the electric system. The new Artesian Substation nearly doubles the footprint of an older 69/12kV distribution substation, and includes upgrades to the equipment and connections to transmission lines. CM Solutions schedulers maintain the schedule, provide analysis of schedules and finances, and provide risk management and continuous process improvement.

SDGE Transmission Engineering and Master Scheduling

Owner: San Diego Gas & Electric (Sempra)
Location: Southern California
Project Value: Multi-billion

San Diego Gas & Electric has programs of utilities construction projects to modernize and upgrade the existing substations and infrastructure in the greater San Diego area. CM Solutions' schedulers, cost engineers, and project coordinators work alongside the client's project management teams to provide status and forecasting reports, manage resources, and mitigate risk for various major projects and portfolios of projects.

Blythe Compressor Station Plant 4

Owner: Southern California Gas Company (Sempra)
Location: Blythe, CA
Project Value: \$289 million

The Blythe Compressor Station is an integral part of Sempra's natural gas transmission system where natural gas enters the State of California. This project involves design and construction of a new compressor plant and auxiliary equipment. CM Solutions provided scheduling and cost controls services from the engineering phase through construction completion. During the construction phase, CMS staff are onsite, providing scheduling management, construction crew analysis and risk assessment. Our estimator developed a methodology for change order management that will be a prescriptive for other compressor projects.

SONGS (San Onofre Nuclear Generating Station)

Owner: Southern California Edison (SCE)
Location: San Onofre, CA
Project Value: \$200 million

The San Onofre Nuclear Generating Station (SONGS) was a 2,200MW, twin nuclear reactor power station and one of the largest nuclear generating stations in the US. CM Solutions provided scheduling services to the Design Engineering Organization's (DEO) capital improvement program. CMS coordinated with the engineering team leaders and SONGS senior management to manage fully resource and cost loaded schedules. CMS also developed data reconciling procedures to collect plant SAP data and integrate it with real time P6 schedules and reports.



Project Name	Project Type	Project Description	Owner/Agency	Project Value	Project Dates
SDGE Fire Risk Mitigation (FiRM)	Power Transmission	The Fire Risk Mitigation (FiRM) program addresses fire risk by modernizing critical and aging infrastructure, including replacement of wiring and electrical poles, and upgrading the older overhead electric distribution system. CMS provides scheduling support services for the program.	Sempra Energy (San Diego Gas & Electric)	\$1.5B	2019-present
Artesian Substation Expansion	Substation	Given the load growth over the past decade in the north San Diego inland area, increased demand for energy has created congestion on the existing power lines, causing strain on the electric system. The new Artesian Substation nearly doubles the footprint of an older 69/12kV distribution substation, and includes upgrades to the equipment and connections to transmission lines. CM Solutions schedulers maintain the schedule, provide analysis of schedules and finances, and provide risk management and continuous process improvement.	Sempra Energy (San Diego Gas & Electric)	Multimillion	2019-present
SDGE Cleveland National Forest Power line Replacement Projects (CNF)	Power Transmission	SDG&E worked with the U.S. Forest Service (USFS) on this program to increase the safety and reliability of the network of electric facilities throughout the Cleveland National Forest (CNF) in San Diego County. Projects include replacement of (9) 12- and 69-kilovolt (kV) electric facilities throughout approx. 880 sq. mi in and around the CNF. CMS provided scheduling support services for the program.	Sempra Energy (San Diego Gas & Electric)	Multimillion	2019-present
Medicine Sub-transmission System	Substation	Increased customer load demand is expected to significantly stress the existing electrical distribution system around the Harbor-UCLA Medical Center facilities in Torrance, CA. The Medicine Subtransmission project involves construction of two additional 66 kV subtransmission lines into the new "Medicine" Substation. CMS is providing scheduling services for the engineering and design phase.	Southern California Edison (SCE)	Multimillion	2019-present
San Manuel Substation	Substation	Project involves construction of a new 66kV substation with loop 66kV subtransmission lines and two diverse fiber optic routes to serve the casino expansion and to integrate with the existing substation and transformers. CMS is working closely with the contractor to set milestones, to provide the resource loaded schedule, and to ensure all SCE processes are handled.	Southern California Edison (SCE)	Multimillion	2019-present
SDG&E Reliability Enhancement Projects	Electric Energy	The portfolio of 500 upgrade and maintenance reliability enhancement projects are part of SDG&E's Electric System Hardening program to reduce wildfire risk and the impact of public safety power shut-offs during extreme weather. It involves replacing wood poles with fire-resistant steel poles, installing a weather monitoring network, and replacing/upgrading switches, cables and other equipment. CM Solutions schedulers work closely with SDG&E's designers to follow up on design, permits and planning, and with construction project managers to ensure timely completion of each project. They also provide status and forecasting reports, manage resources, and mitigate risk.	Sempra Energy (San Diego Gas & Electric)	Multimillion	2018-present
SDGE Transmission Engineering and Master Scheduling	Electric Energy	San Diego Gas & Electric has programs of utilities construction projects to modernize and upgrade the existing substations and infrastructure in the greater San Diego area. CM Solutions' schedulers, cost engineers, and project coordinators work alongside the client's project management teams to provide status and forecasting reports, manage resources, and mitigate risk for various major projects and portfolios of projects.	Sempra Energy (San Diego Gas & Electric)	Multi-billion	2018-present

Project Name	Project Type	Project Description	Owner/Agency	Project Value	Project Dates
Riverside Transmission Reliability Project	Power Transmission	This project consists of 10 miles of double circuit 220kV transmission line with associated switching substation and telecom, with approx. 4 miles installed underground. The double circuit provides redundancy which results in greater service reliability. CMS is providing scheduling support during the planning phase to assess assumptions and alternatives.	Southern California Edison (SCE)	\$500M	2018-present
Blythe Compressor Station Plant 4	Gas Compressor Station	As part of the Southern California Gas Expansion Program, the Blythe Compressor Station is a power plant strategically located between California and Arizona and has the ability to serve both regions. The facility consists of three natural gas compressor plants. This project involves design and construction of a fourth plant that includes auxiliary equipment and new buildings for power generation and operations. CM Solutions staff provides scheduling and cost controls services from the engineering phase through completion. During the construction phase, our staff is on site, providing scheduling and estimating services, including construction crew analysis, risk assessment and negotiation of change orders.	Sempra Energy (So Cal Gas)	\$289M	2017-present
Pipeline Safety Enhancement Plan (PSEP) for Natural Gas Lines	Natural Gas Line Safety Program	The Pipeline Safety Enhancement Plan (PSEP) was established to promote the continued safety and integrity of our natural gas transmission pipelines, and to meet California Public Utilities Commission (CPUC) requirements. This 25-year program includes over 250 projects involving replacing hundreds of miles of pipeline, as well as testing and replacing valves. CMS schedulers and cost engineers work seamlessly alongside the Sempra project controls team to keep these projects on track. CMS also developed project procedures and training materials to bring industry best practices to program management.	Sempra Energy (San Diego Gas and Electric Company / Southern California Gas Company)	Multi-billion	2017-present
SCE Project Controls & Project Management Services	Power Transmission	As one of the nation's largest electric utilities, Southern California Edison (SCE) is committed to keeping electricity safe, reliable, affordable and clean to meet the State's changing energy needs. This involves hundreds of projects connecting new green energy sources to the SCE electrical grid, as well as thousands of smaller maintenance projects. CM Solutions project controls experts work with SCE and client contractors to support the construction and modernization of major transmission projects with scheduling, cost controls and data analytics. CMS also assisted with implementing Primavera P6 as an enterprise scheduling solution. Our staff drive continuous improvement in their roles by bringing best practices that enhance project management.	Southern California Edison (SCE)	Multi-billion	2017-present
Major Projects	Natural Gas	Sempra's Major Projects division involves a portfolio of projects all over Southern California. CM Solutions is augmenting the Sempra project controls team with schedulers and cost engineers by seamlessly working alongside their employees. CM Solutions developed project procedures and training materials to bring industry best practices to program management, in addition to migrating Primavera P6 databases to a cloud platform.	Sempra Energy (So Cal Gas)	Multi-billion	2014-present
Solar Power Generating Facility	Solar	Electrical upgrades including new transformers, equipment pads, shelters, cabling, security and lighting, for 3MW solar power generating facility for F.E. Weymouth Water Treatment Plant.	Metropolitan Water District (MWD)	\$3M	2015-2016
SONGS (San Onofre Nuclear Generating Station)	Nuclear Energy	San Onofre Nuclear Generating Station (SONGS) is a 2,200MW twin nuclear reactor power station and one of the largest nuclear generating stations in the U.S. It was shut down in 2013 and is currently in the process of being safely decommissioned, which will take up to 20 years. CM Solutions provided scheduling services to the SONGS Design Engineering Organization's (DEO) capital improvement program from 2011-2013. CMS coordinated with the engineering team leaders and SONGS senior management to manage fully resourced and cost loaded schedules. We also developed data reconciling procedures to collect plant SAP data and integrate it with real-time P6 schedules and reports.	Southern California Edison (SCE)	\$200M	2011-2013