



Empowered Solutions is the primary provider of commissioning services to the SFPUC. Under this contract, Empowered Solutions has conducted energy audits and provided construction management and commissioning for energy efficiency retrofit projects and performed retrocommissioning projects at San Francisco municipal facilities powered by the SFPUC.

For energy audits and construction management, projects are led from scope identification through implementation and commissioning. Duties involve all aspects of the retrofit process, including investment grade energy efficiency audits, development of performance specifications, design review, construction management support, commissioning and measurement and verification. Projects were conducted at a number of City buildings including Hall of Justice, Laguna Honda, San Francisco Fire Departments, San Francisco Police Departments, and the 911 Call Center.



Empowered Solutions conducted retrocommissioning projects at 1 South Van Ness and the Visual Arts Building at City College of San Francisco. The retrocommissioning process included performing pre-functional and functional performance tests on all major mechanical equipment in the buildings, identifying low-cost and no-cost measures, and supporting contractors with the implementation of the identified measures.

Project Type	# Projects	Project Size (sf)	Electric Svgs (kWh/yr)	Natural Gas Svgs (therms/yr)	Energy Cost Svgs (\$/yr)
Energy Analysis Services	1	N/A	7,119,891	1,349,165	\$3,465,647
Energy Audits	3	433,663	707,995	234,365	\$245,131
Environmental Services	2	N/A	N/A	N/A	N/A
Retrocommissioning	2	32,616	279,031	65,323	\$97,561
Retrofit, Construction Management, Cx	15	2,085,351	1,677,603	143,441	\$297,153
Support Services	2	N/A	265,198	N/A	\$45,083
TOTAL	25	2,551,630	9,784,520	1,792,294	\$4,151,575

About Empowered

Empowered Solutions is a leading consultative energy solutions company founded and comprised of expert energy engineers, commissioning agents, controls system designers, and project managers. We help our customers capture their performance advantage through a unique blend of controls innovation, commissioning, and energy engineering expertise.