

Photo: Centro Maravilla Service Center

About the Project

In November 2020, Los Angeles County completed several energy efficiency upgrades to their Centro Maravilla and San Gabriel Valley Service Centers.

The projects were pursued in an effort to meet the County's ambitious goals related to sustainability and their Facility Reinvestment Program, which prioritizes improvements to buildings that provide valuable public services to the community. The County collaborated with SoCalREN Public Agency Programs to leverage no-cost services from SoCalREN's Project Delivery and Metered Savings Programs.

Benefits to the Community

The Centro Maravilla and San Gabriel Valley Service Centers are multi-purpose facilities designed to enhance the community with a range of health, educational, social, and recreational activities. Savings generated from these projects will go back into providing services for the community.

No-Cost Project Delivery Program and Metered Savings Program Services Utilized



Project
Management



Technical
Review



Constructability
Review



Financial
Analysis



Audit/
Calculations



Design/
Scope of Work



M&V
Planning

Project Outcomes



\$839,000+
Lifetime cost
savings*



65
Cars taken off
the road**



378,000+ kWh
Annual energy
savings



6,300+ therms
Annual therm
savings

*Lifetime cost savings are in present value

**Value calculated using EPA's GHG
equivalency calculator

Project Details

	Centro Maravilla Service Center	San Gabriel Valley Service Center
Lifetime Cost Savings*	\$456,000+	\$383,000+
Annual Cost Savings*	\$33,000+	\$29,000+
Annual Electricity Savings	246,000+ kWh	132,000+ kWh
Annual Gas Savings	4,640+ therms	1,750+ therms
Completion Date	November 2020	November 2020
Full Project Timeline	1 year	1 year
Construction Timeline	3 months	3 months
Estimated Useful Life	13 years	11 years
Project Funding	Internal	Internal

*Includes utility and maintenance savings. Lifetime cost savings are in present value.

Centro Maravilla Service Center Upgrades



Interior Lighting Controls



Exterior Lighting Controls



HVAC Zoning & Controls



HVAC System Replacement

San Gabriel Valley Service Center Upgrades



Interior Lighting Controls



Exterior Lighting Controls



CAV to VAV Conversion



HVAC System Replacement



Right: Centro Maravilla exterior LED wallpack

Left: Centro Maravilla lobby



Above: San Gabriel Valley Service Center