# Southern California

## 2020 Q4 Progress Report City of Orange

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The SoCalREN Public Agency Programs were created on the belief that public agencies can be powerful agents of change. Energy conservation at the local level gives communities direct, tangible benefits in the form of freed-up public resources. Take a look at what agencies enrolled in SoCalREN Public Agency Programs accomplished together as a Network, and thanks again for joining us and making an impact.



Additional SoCalREN member agencies: City of Brea, City of Buena Park, City of Fullerton, City of Garden Grove, City of Irvine, City of La Habra, City of La Palma, City of Laguna Niguel, City of Laguna Woods, City of Mission Viejo, City of Newport Beach, Newport-Mesa Unified, North Net Training Authority, County of Orange, Orange County Sanitation District, Orange Unified, City of Placentia, City of Rancho Santa Margarita, City of Santa Ana, Santa Ana Unified, City of Seal Beach, South Orange County Wastewater Authority, City of Tustin, City of Westminster and City of Yorba Linda.

Note: % of Annual Energy Savings Since Enrollment includes projects that are completed and committed based on audits completed.



Note: overall impacts determined based on energy savings and assumed benefits per kWh/therm reduced.

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Below is a personalized status update for the City of Orange. Since the enrollment of Orange in 2014, SoCalREN Public Agency Programs have worked with the City to improve its energy efficiency and save money. To date, this collaboration has saved over 2 million kWh annually, representing 7% of the City's overall electricity usage<sup>1</sup>.



Status	Lighting	Mechanical/ Whole Building	Street Lighting	Cost Savings*	Energy Savings*	Incentives	Financing
Planned	1 Project	2 Projects	-	TBD	TBD	TBD	TBD
In Progress	1 Project	4 Projects	-	~\$110,000	~780,000 kWh ~4,000 therms	~\$140,000	\$750,000 OBF (Estimated)
Completed	-	-	3 Projects	\$224,876	2,044,330 kWh	\$854,573	\$1,137,745 OBF Reserved
Total	2 Projects	6 Projects	3 Projects	~\$330,000	~2.8 million kWh ~4,000 therms	~\$995,000	~\$1.9 million OBF Reserved

\*Cost and energy savings are potential, based on each project's incentives estimates, completed audit or the SoCalREN Public Agency Programs project scoping tool

### Key Project Milestones

Key Milestones	Orange PD Boiler Replacement	Orange Hart Park	Orange PD PBRP	Orange Corp Yard PBRP	Orange Main Library PBRP	Orange City Hall PBRP
Energy Cost Savings	~\$3,200	~\$2,131	~\$37,644	~\$6,242	~\$39,922	~\$27,907
Comparative Energy Analysis	Done!	Done!	Done!	Done!	Done!	Done!
Energy Audit	Done!	Done!	Done!	Done!	Done!	Done!
Incentives & Funding Reserved	Done!	Done!	December 2020	December 2020	December 2020	December 2020
Design & Proposal	Done!	Done!	January 2021	January 2021	January 2021	January 2021
Council/Board Approval	Done!	October 2020	February 2021	February 2021	February 2021	February 2021
Construction Start	Done!	November 2020	Q2 2021	Q2 2021	Q3 2021	Q3 2021
Construction End	Done!	November 2020	Q2 2021	Q2 2021	Q3 2021	Q3 2021
Incentives & Funding Received	October 2020	February 2021	Q3 2021	Q3 2021	Q4 2021	Q4 2021

<sup>1</sup> These percentages are based on agency wide annual energy consumption at enrollment.

This report was created by the SoCalREN Public Agency Programs and is for internal use only. Data as of August 2020. These Programs are administered by the County of Los Angeles and funded by California utility ratepayers under the auspices of the California Public Utilities Commission.