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 usage¹.



| 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 |

¹ 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.