



City of Pomona

Energy Efficiency Mechanical Upgrades Case Study

www.theenergynetwork.com



Free Turnkey Project Delivery Services Utilized

- ✓ Incentive application assistance
- ✓ Project management
- ✓ Comparative Energy Analysis
- ✓ Energy engineering support
- ✓ Financial Analysis
- ✓ Audit calculations with design/scope of work
- ✓ NJPA Construction Services
- ✓ Construction Management Support

Situation Analysis

Two years ago The City of Pomona began planning for renovations at two of their public pools. While the main energy inefficiencies were identified and the project was ready for implementation, the City was having difficulty overcoming the amount of work necessary to complete the retrofit. After enrolling in The Energy Network the City was finally able to implement the project and realize both energy and cost savings.

Working with the San Gabriel Valley Council of Governments (SGVCOG), The Energy Network provided the City with a comprehensive energy audit. Findings indicated opportunities to install variable-frequency drives (VFDs). With the help of the Energy Network, the City was able to access competitively bid contractors through the National Joint Powers Alliance (NJPA), a contracting collective of hundreds of pre-qualified vendors. The NJPA utilizes a public competitive bidding process. The pricing is transparent, detailed and known up front, which avoids the need to use the lengthy design-bid-award process. This

expedited construction process meant the project was completed two months sooner than expected.

The City of Pomona is now home to two energy efficient public pools, each with VFDs that reduce overall energy consumption, and reduce operating costs (while still maintaining code-required water turnover rates). All in all, the City's determination to reduce their energy consumption and maintain a high degree of safety at their facilities earns them a place as a community leader in the Southern California area.

Project Summary

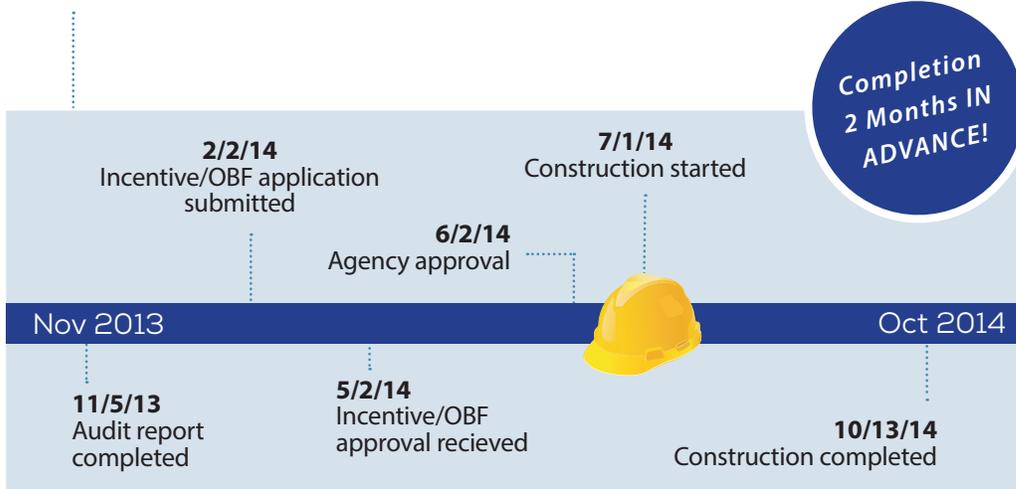
Using The Energy Network's expedited Turnkey Project Delivery process, The City of Pomona's mechanical projects were completed in just 11 months, including incentive application approvals and construction. A total of two park pools were optimized by the addition of VFD pumps, resulting in lower operating costs.

Key Savings

- **171,505**
kWh annual savings
- **\$20,581**
annual savings
- **\$14,400**
in utility incentives

**Simple
Payback in
2 Years!**

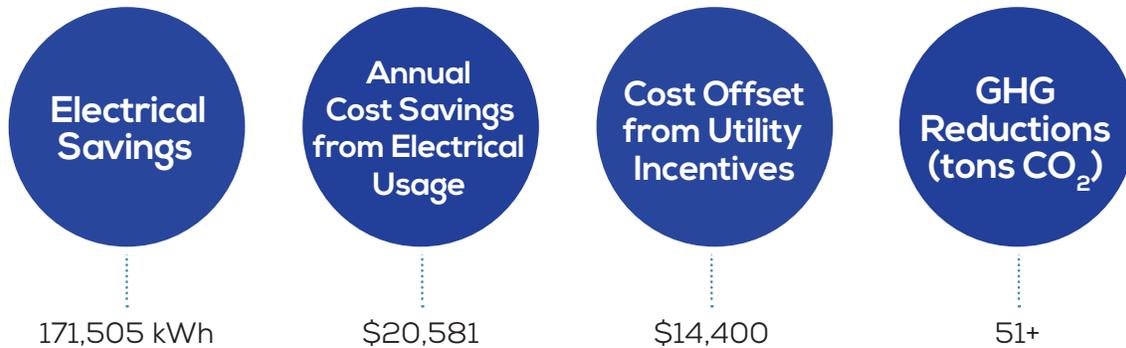
Timeline



Project Cost

Gross Project Costs	\$56,249
Incentives and Rebates	-\$14,400
Net Project Costs	\$41,849

Energy and Cost Savings Analysis



What is The Energy Network?

The Energy Network was created to harness the collective power of public agencies to achieve an unprecedented level of energy savings across Southern California. The City of Pomona's enrollment and commitment to work together to complete projects saves energy, saves money and improves our communities through overall shared environmental and economical benefits. For more information contact info@theenergynetwork.com or call (855) 700-NETWORK.

This Program is administered by the County of Los Angeles and funded by California utility ratepayers under the auspices of the California Public Utilities Commission.