

The City of Eloy Water and Wastewater Upgrades

PROJECT SAVINGS

1,113,650



Miles driven by an average passenger vehicle

19,420



Trash bags of waste recycled instead of landfilled

531



Acres of US forest in one year

DECARBONIZATION



PROJECT OVERVIEW

Veregy collaborated with the City of Eloy to design and install a Guaranteed Energy Savings Project at their water and wastewater facilities. The City's 15,000 residents had failing, older water / wastewater infrastructure that Veregy replaced using energy savings, deferred maintenance savings, State Revolving Fund (SRF) principal forgiveness, and the Inflation Reduction Act cash payout. The SRF provided \$1.14 M in principle forgiveness, the IRA cash payout provided \$620 K, and the local utility provided \$6 K in rebates (43% of contract value was paid by others.)

PROJECT HIGHLIGHTS

- Install new turbo blowers and replace leaking UG blower pipe
- Install new Biolac control panel at aeration basins
- Install sand separators at two wells
- Re-equip an 800 gpm well
- Install new new blow-off basin with drywell at well
- Install with new tablet based chlorination system
- Operate large well during off-peak hours
- Ground mounted solar at WWTP (197 kW)
- Solar canopy at Well (65 kW)
- Remote monitoring
- 43% of project cost paid thru grants and incentives
- Project Duration- 17 months (Mar 2022 to Aug 2023)
- Contract Amount- \$4,270,838
- Energy Savings - 633,081 kWh / yr
- Cost Savings - \$25,603 in energy & \$38,132 in operational

CLIENT CONTACT

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