



City of Pleasanton Energy Benchmarking Report

Presented by the 2019
Go Green Initiative Interns

Process of Energy Benchmarking

Step 1

Letter of
Authorization

PG&E BBP
Portal

Step 2

Energy Star
Portfolio
Manager

Link BBP
and ESPM
with Meters

Step 3

Analyze Data

Create
Findings



Potential Savings



Expenditure on energy from August 2018 through July 2019: **\$906,560.44**



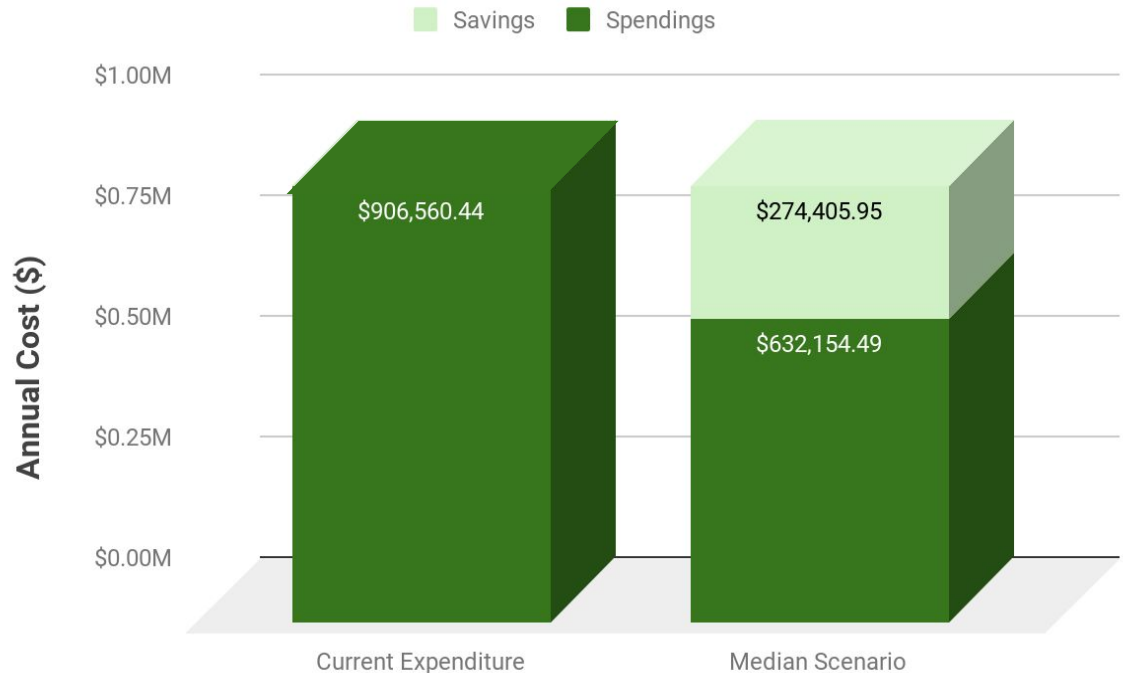
Median: **\$2.06/sq. ft.**



Total savings if City spends \$2.06/sq. ft.(or less) = **\$274,405.95**



“The City’s future ... will depend upon maintaining a balanced budget [and] using our fiscal resources wisely” - City Work Plan



Greenhouse Gas Reduction Potential



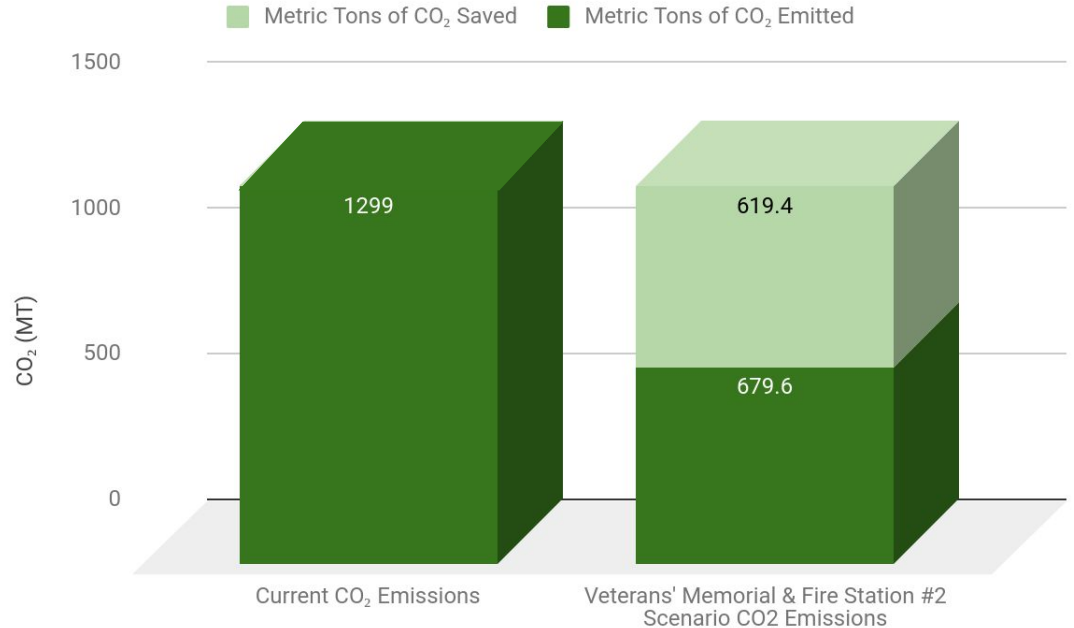
Current annual GHG Emissions: **1299 metric tons of CO₂**



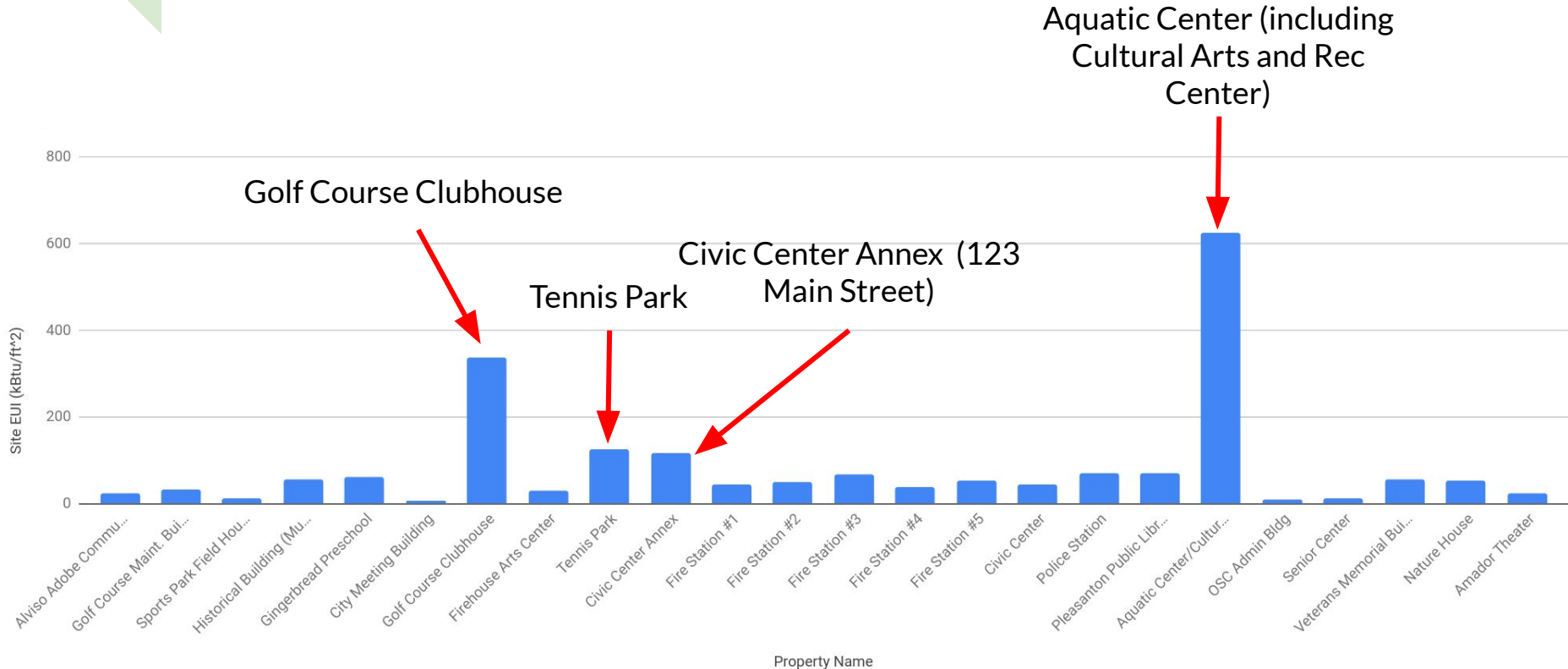
Median: Veterans' Memorial and Fire Station #2 = **3.1 kgCO₂e/ft²**



Total savings if City emits 3.1 kgCO₂e/ft² (or less) = **619.4 metric tons of CO₂ = 47.7% reduction**



The City's Most Energy-Intense Buildings



Short-Term Recommendations



Conduct Energy
Audits



Create
Site-Specific Goals



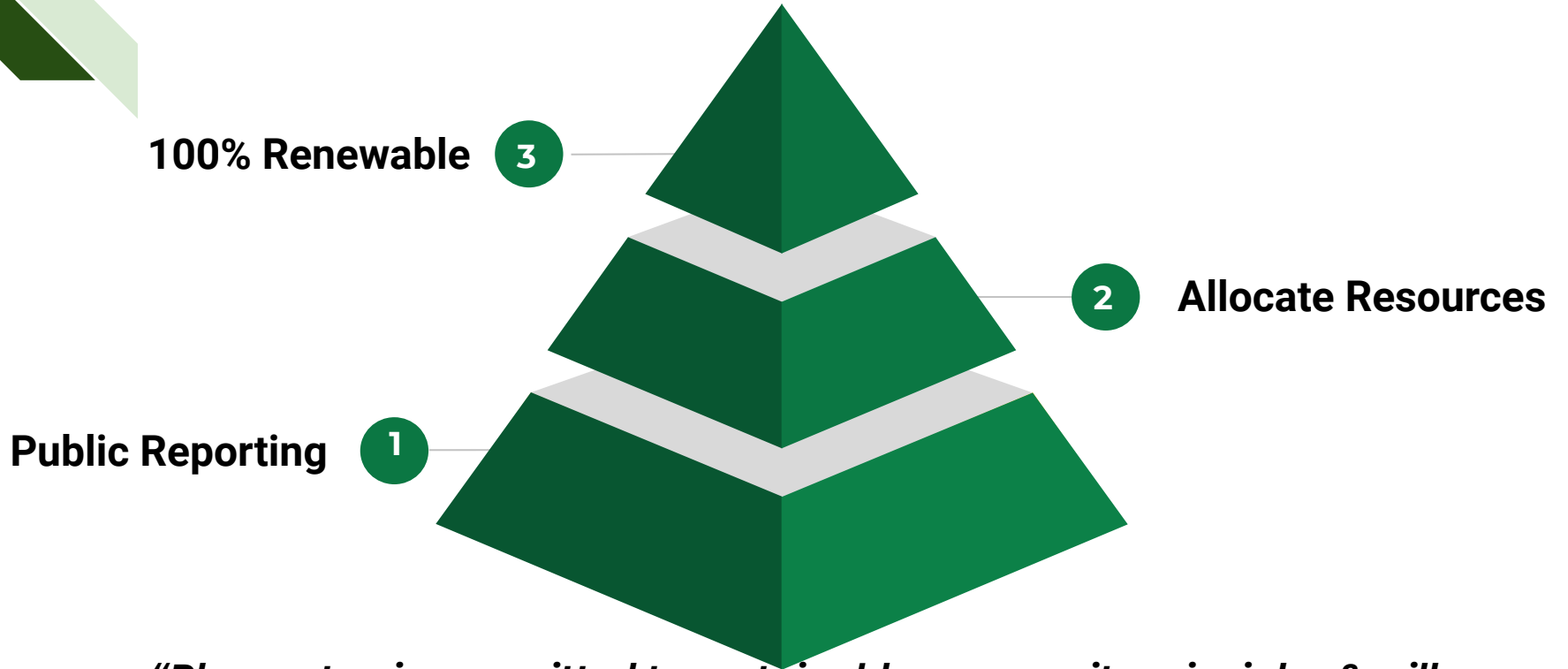
Implement Energy
Management System



Revise the
CAP

“It is important that we protect our environment for future generations by identifying and implementing... sustainable qualities into all that we do”

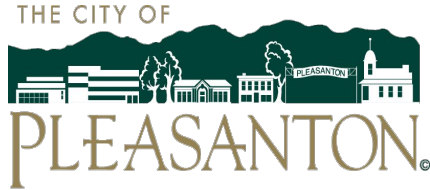
Long-Term Recommendations



“Pleasanton is committed to sustainable community principles & will meet the needs of the current generation without compromising the ability of future generations to meet their needs”

Environmental Impact

WITH REDUCTION OF GHG EMISSIONS:



CLIMATE ACTION PLAN 2.0

Reduce GHG
emissions to levels
of 1990

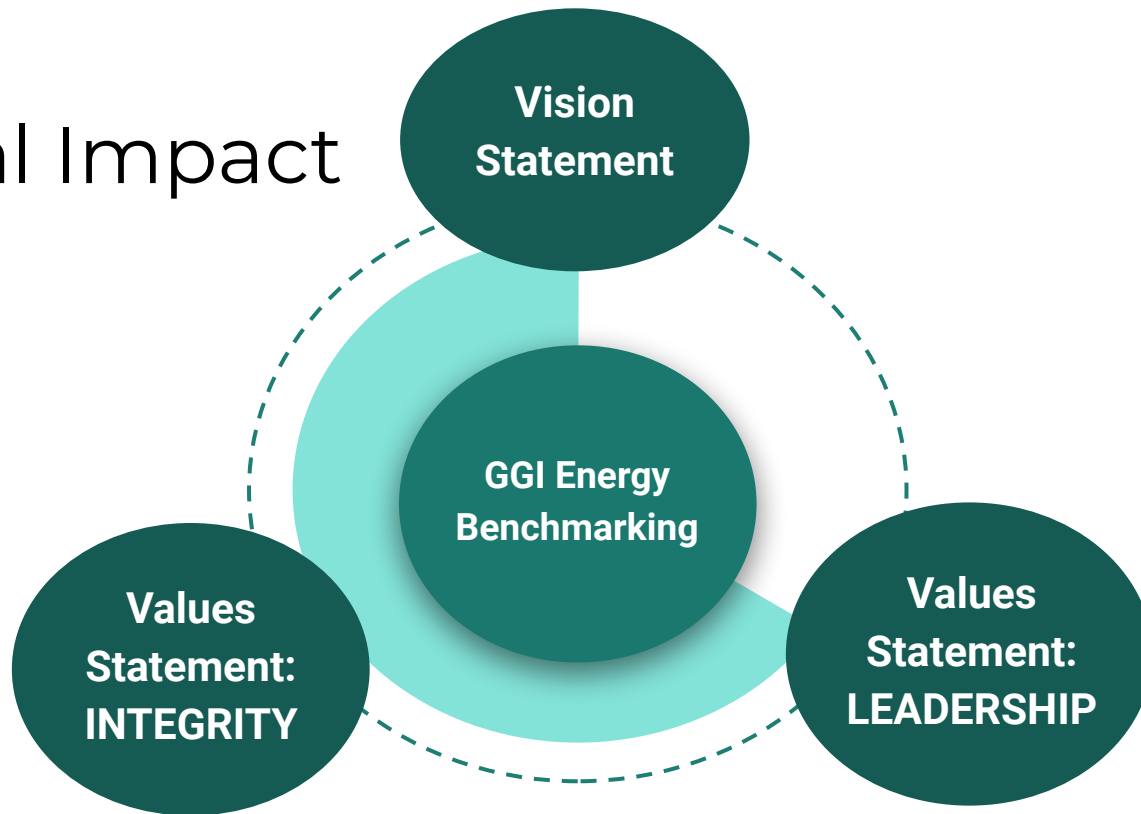
CLIMATE BENEFITS

Conserve Natural
Resources & Protect
our Ecosystem

HEALTH BENEFITS

Less health, air, and
disease related
medical issues.

Social Impact



“We value **leadership** by **setting the example**, being visionary, thoughtful, strategic, supportive, & public service oriented.”

“We value **integrity** by doing what is right, being accountable for our actions & demonstrating **trust and transparency**.”

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