

Exhibit A: Financial Analysis of Energy Conservation Measures

Analysis by ARC Alternatives and KNN Public Finance of the proposed solar projects and EV chargers at the County show that the projects will decrease the cost of energy to the County. The proposed Energy Services Contracts with ENGIE Services U.S. Inc. includes a Contract Price of \$26,674,400. The total lifecycle project cost, including ENGIE contract costs, financing, staff and consulting support, inspections, ADA upgrades and ongoing maintenance, is \$28,521,759. ARC Alternatives analyzed project costs and expected utility savings to determine whether the project results in net financial savings to the County.

Our analysis estimates that without the project, the County is expected to spend \$287.2 million on electricity purchases from PG&E over the 30-year analysis period at the meters where solar is being installed, assuming utility rates escalate at 5.2% per year. Implementing the solar project will reduce the County's utility bill by an estimated \$59.1 million. The County will continue to have ongoing electricity purchases from PG&E after solar is installed, amounting to approximately \$228.1 million over 30 years. The total net savings expected from the project, subtracting all project costs and residual utility purchases from the expected PG&E purchases without solar projects, and adding in expected tax benefits from the Federal Investment Tax Credit (ITC), is estimated to be \$21.5 million. These savings result from a combination of the sites consuming solar energy generated on site, utility credits generated through net energy metering, and benefits from the Federal Investment Tax Credit (ITC).

It is our opinion that the proposed solar project complies with the energy savings requirements of Government Code section 4217.12.