



**MEMORANDUM
FACILITIES MANAGEMENT
BUILDING MAINTENANCE DIVISION
County of Placer**

TO: Honorable Board of Supervisors **DATE:** June 21, 2022
FROM: Steve Newsom, Director of Facilities Management
BY: Dennis Hughes, Building Maintenance Superintendent
SUBJECT: Building Maintenance Division / Two Fluke Energy Loggers Advanced Versions /
Approve Budget Amendment and Addition to the Master Fixed Asset List

ACTION REQUESTED

1. Authorize the purchase of two (2) Fluke 1738EUS Energy Loggers Advanced Version.
2. Approve a FY 2021-22 Budget Amendment (AM-00649) to increase the fixed asset budget and decrease the professional services budget in Building Maintenance by \$16,000 for no net impact.
3. Add the equipment to the Master Fixed Asset list for FY 2021-22.

BACKGROUND

The Facilities Management Department is responsible for managing the County's utilities such as electricity. The Department proactively addresses energy consumption and analyzes data to determine opportunities to increase efficiencies of existing electrical systems.

The use of Fluke 1738EUS Energy Loggers Advanced Versions (Energy Loggers) will allow the Building Maintenance Division to obtain electrical production trending of photovoltaic and generator systems over long time periods to ensure the systems are operating at peak capacity. The ability to capture electrical fluctuations by using these Energy Loggers will assist in identifying causes and inform solutions. Examples of the use of this data include the ability to determine individual building system usage for energy efficiency upgrades, accurately determine live loads on emergency generators, troubleshoot electrical events that show no pattern, the ability to analyze data from the electrical services provided to County facilities and provide the data back to the service provider to prevent future electrical outages/issues. The data also gives the ability for maintenance staff to monitor electrical systems in real time.

ENVIRONMENTAL IMPACT

This project is exempt from review pursuant to CEQA guidelines Section 15301 – Existing Facilities which exempts activities associated with the operation, repair, and maintenance of existing public or private structures or facilities not expanding existing uses.

FISCAL IMPACT

The total cost of the energy loggers is estimated to not exceed \$16,000. Budget Amendment AM-00649 to increase appropriations by \$16,000 in the Equipment ledger of the CC12004 - Building Maintenance FY 2021-22 budget, with a corresponding decrease in the Special and Professional Services - General ledger is included for consideration and approval. There is no impact to the General Fund.

Honorable Board of Supervisors

June 21, 2022

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ATTACHMENTS

Attachment A – Master Fixed Asset List

ADDITION TO FY2022-23 MASTER FIXED ASSET LIST

<u>QTY</u>	<u>ITEM</u>	<u>TOTAL COST</u>
2	FLUKE 1738EUS Energy Loggers Advanced Version	\$16,000.00

