



**City of Grass Valley
City Council
Agenda Action Sheet**

Title: Memorandum of Agreement with UCLA-OpalAi Wildfire Modeling Software

CEQA: Not a project

Recommendation: That the City Council Authorize the Interim City Manager to sign/execute the Memorandum of Agreement (MOA) with UCLA Opal AI Wildfire Modeling Software, subject to legal review.

Prepared by: Duane Strawser, OES/CRRM

Council Meeting Date: 03/24/2026

Date Prepared: 03/18/2026

Agenda: Consent

Background Information: The City of Grass Valley is undertaking multiple Wildfire safety mitigation projects including DSI, Evacuation Route Planning/Clearing, and Fuels Reduction projects, all accomplished more accurately, efficiently and cost-effectively utilizing advanced modeling software technology.

To this end, staff has access to the UCLA/Opal-Ai software platform, a wildfire analytics software that helps communities map, prioritize, and mitigate fire risk using scenario-based "FireVison™" technology. By simulating how fires move from wildlands and WUI zones into rural environments. It enables data-driven decisions via Defensible Space Inspections (DSI) on fuel treatments and home hardening to reduce catastrophic losses.

An MOA is required between the City and Opal-Ai/FireVision to receive complementary access to this critical software platform, provided free as part of our Pilot Community partnership, offered to the City of Grass Valley via the NCTC.

Council Goals/Objectives: This action attempts to achieve the following strategic goals:

GOAL #1 - Determines prioritized Evacuation Route Planning and Infrastructure inventories.

GOAL #2 - Adds efficiency to a critical, high-volume program that lacks staffing capacity.

GOAL #3 - Improve Public Safety via prioritizing Wildfire Risk Land Management patterns.

Fiscal Impact: N/A - TBD / Included service within our FireVision/UCLA Software contract.

Funds Available: N/A

Account #: N/A

Reviewed by: Interim City Manager

Attachments: Draft Agreement