

FLASHES – Poe Mountain

Project Basics

Project Type: PV + Pumped Storage Hydro

Tasks:

- Daily Grid support
- Microgrid resilience
- Fire-fighting support

Substations/Communities Served:

- Lucerne: Upper Lake to Glenhaven (Plus some South Shore near Buckingham point)
- Hartley: Northern Section of Lakeport

Location: Northwest Wastewater Treatment Plant, and an adjacent parcel

Technical Specifications

- 30 MW PV
- 30 MW Hydro turbines
- 120 MW-hr storage
- >10,000 residents covered

Status:

- Preliminary review completed
- Feasibility Study (Funded by PG&E Microgrid Incentive Program Grant) awarded
- Final Decision late 2026/early 2027

Feasibility study tasks: CEQA, Geotech, Hydrology, Survey, engineering, etc.

Ownership options:

- County owned/output sold to “offtaker”
- Third party investor owned/cash flow to County
- Decision to be made next year once data is gathered

Additional Benefits

- Local Jobs
- Carbon reduction

