

# Calistoga City Council Meeting

October 1, 2024

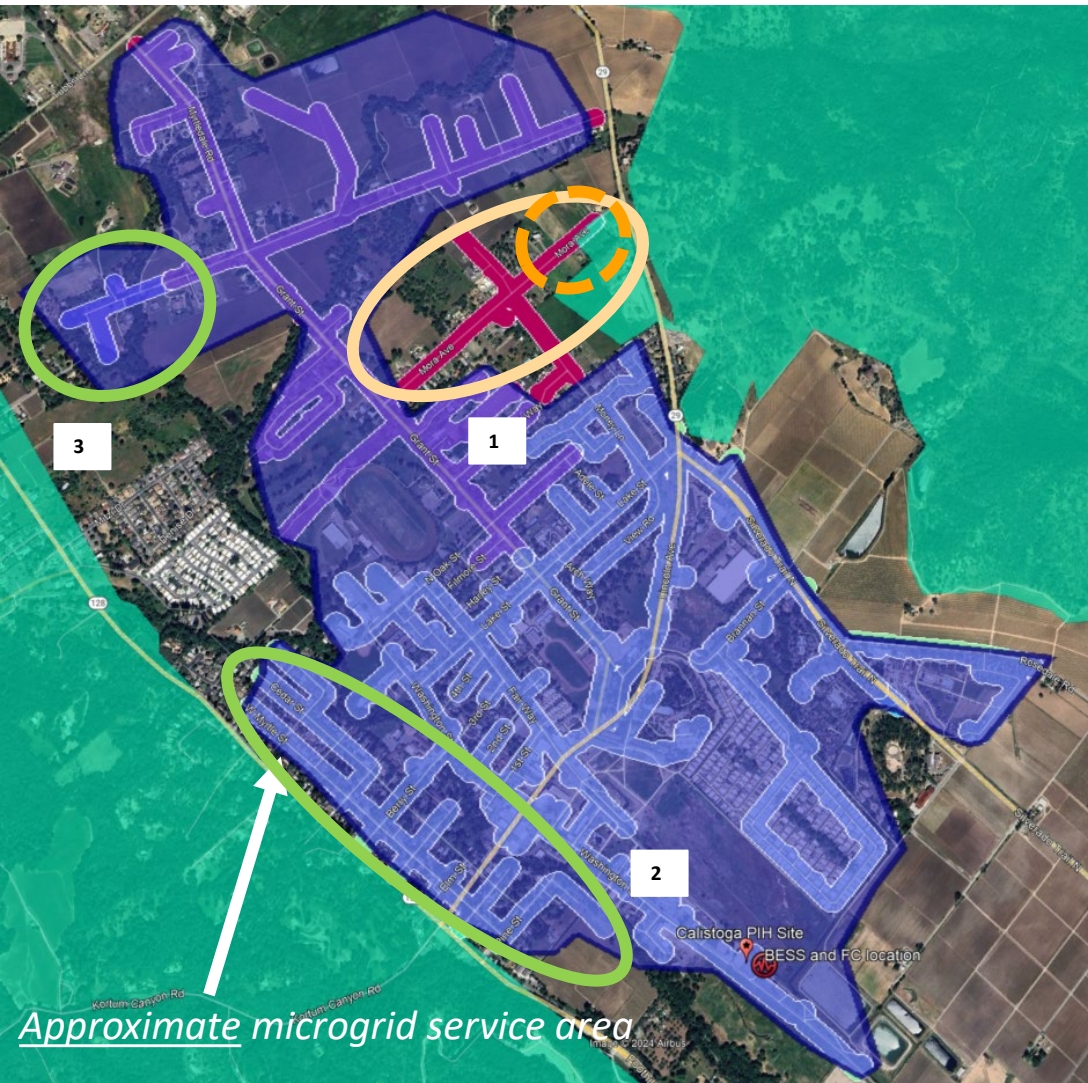


Together, Building  
a Better California



# The Clean Calistoga Microgrid Service Area

The permanent microgrid utilizing hybrid Hydrogen Fuel Cell and Battery Energy Storage System (BESS) will be a cleaner alternative to the existing diesel generator. It will mitigate customer impact due to Public Safety Power Shutoffs (PSPS events).



1. Due to an update in the HFRA boundary, a section of overhead line off Mora Avenue is no longer included in the Clean Calistoga Microgrid.
2. West of the river is *now* included in the Clean Calistoga Microgrid.
3. Portion of Greenwood Avenue is *now* included in the Clean Calistoga Microgrid.





# Partnering to Reduce PSPS Impacts

Effective partnership is essential to design and construct microgrids to make our system more resilient for our customers and communities.

## Energy Vault's Role

- **Deploy the Generation Facilities:** Develop, design and construct the MG generation system according to PG&E's design requirements
- **Own and Operate the Microgrid:** Operate the generation system according to pre-defined parameters

## Calistoga's Role

- **Provide Community Input:** Be the unifying voice for community preferences
- **Partner with EV in Project Development:** Provide input, execute agreements, etc.
- **Support Public Education/Awareness:** Inform constituents about MG features/considerations

## PG&E's Role

- **Fund the Microgrid:** Run a solicitation and contract for services
- **Plan the Distribution System:** Conduct a MG islanding study to ensure the MG will be safe to operate in islanding mode
- **Operate the Distribution System:** Coordinate the transition to and from islanding mode