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# What are we seeing with Permitting:

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22.4 % of permit activity involves electrical related resiliency

- Photovoltaic Systems
- Energy Storage Systems - Batteries

Code Changes – State of California  
Electric Ready  
Reach Codes

Grid Tied and Off-grid



# How things have changed:

## Napa Events

- Fires – 2017 and 2021
- Earthquake – 2014
- PSP

## Services impacted

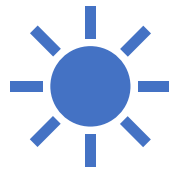
## The importance of resiliency during catastrophic events

- Energy independence
- 72 hours – off grid

# Why we chose all electric:



**Greener/climate friendly**



**Less dependent on fossil fuels**



**Consideration of gas/propane**  
Additional utility service  
Fire hazard



**Cost – Upfront vs. long term costs**  
Newer tech capitalizes on efficiency



# Components we are installing:

- Heat Pump Water Heater
- Heat Pump Heating and Air
- Heat Pump Dryer
- Roof Mount Photovoltaic
- Induction stove
- Smart Home Features
- Vehicle Chargers/bi-directional charger
- Energy Storage System
- Wind Generator

