

# CLIMATE & ENERGY RESILIENCE: ALPINE COUNTY

Within 40 years, the county is **predicted** to experience:

**700%**



**Increase in Extreme Heat Days:**  
demanding more energy for cooling and stressing thermal regulating systems.

**97%**



**Increase in Annual Average Area Burned:**  
pressuring more power shut-offs and creating smoke hazards.

**53%**



**Decrease in Snowpack Water:**  
reducing water supply for utilities, agriculture, and groundwater well recharge.

## Solutions to consider:

Invest in equipment upgrades like HVAC and smart controls to save energy and costs.

Enforce Title 24 Standards for new buildings, retrofit older ones to meet current code.

Evaluate contingency initiatives like microgrids and renewable battery storage.

Explore opportunities for HVAC systems that promote improved air quality.

Benchmark water usage and set goals to reduce water consumption.

Install low-flow fixtures, efficient landscaping, and leak detection devices.

## How to increase your capacity and implement these proactive solutions:

**Sierra Nevada Energy Watch (SNEW)** is a program of Sierra Business Council (a 501c3 nonprofit) that provides no-cost energy solutions to public agencies and small-medium businesses in PG&E territory. SNEW services include energy performance benchmarking, audits for equipment upgrades, financing support, and more. Connect with us to learn more about adapting by emailing [SNEW@sierrabusiness.org](mailto:SNEW@sierrabusiness.org) or visiting [sierrabusiness.org/SNEW](http://sierrabusiness.org/SNEW)



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Sources: [Cal-Adapt](#), [California Office of Environmental Health Hazard Assessment](#); [California's Fourth Climate Change Assessment](#), [Sierra Nevada Region Report](#); [Alpine County Energy Action Plan](#)