

CITY OF CARMEL-BY-THE-SEA

California Adaptation Planning Guide Update APG 2.0

Climate Committee Meeting
December 17, 2020



Update Highlights

- Info on Statewide efforts
- Focus on Equity
- MANY new resources
- Guidance based on resources provided (e.g. RCP 4.5 vs. RCP 8.5)





• Example strategies by sector (e.g. energy, forests, land use, etc.)

TABLE D-1. EXAMPLES OF LOCAL CLIMATE ADAPTATION STRATEGIES BY SECTOR							
CLIMATE HAZARDS	ADAPTATION STRATEGY	FACTORS TO CONSIDER	CATEGORY	SECTOR OVERLAP	RESPONSIBLE AGENCIES	FUNDING	EXAMPLES & SOURCES
Extreme Heat		There are several strategies at a community's disposal to reduce energy use during extreme heat events. Demand response programs alert energy users at times when grid stress is likely to be high and provide financial incentives to users who sufficiently reduce their use. Weatherization programs help insulate buildings against very high or very low temperatures, decreasing the need for cooling (or space heating). Energy efficiency programs can replace inefficient air conditioners with more efficient models, allowing for the same level of cooling while using less energy, Onsite renewable energy and storage systems allow buildings to power their air conditioning systems with electricity generated or stored on the property, rather than pulling from the grid. Numerous funding sources are available to help communities implement these programs, or communities can partner directly with local utilities. Communities should make sure that this effort (as with all other adaptation planning efforts) is conducted equitably, as different populations face different levels of vulnerable to extreme heat events and have varying levels of adaptive capacity to these events.	Programmatic Plans, Regulations, and Policy Development Capital Improvement & Infrastructure Projects	Emergency Management Land Use and Community Development Public Health	Utility providers Cities and Counties		

APG 2.0 + Adaptation Clearinghouse

https://resilientca.org/