

**Attachment A:
List of Climate Actions for the City of Sebastopol By
Sebastopol Climate Action**

1. **All Electric Reach Code** - Building ordinance would require new residential construction to use only high-efficiency electric appliances. As new building types have been reviewed and analyzed by the California Energy Commission, the All Electric Reach Code would apply to them.
 - a. Estimated upfront savings of \$6,171 per home (or \$3,361 per multifamily units). Estimates from Santa Rosa city staff report 06/11/2019
 - b. Assuming 36 housing units are built over the next three years, 86 metric tons of carbon dioxide equivalents (CO₂e) would be avoided which would be a reduction of 2.4 CO₂e annually for a standard single-family home compared to a 2019 code compliant house.
 - c. Needs State approval for reach codes that go beyond Title 24 regulations. Sonoma Clean Power has a template for State approval documentation.
 - d. Berkeley first city in California to ban natural gas in new buildings
2. **Municipal Solar.** Solar assessment of additional sites.
 - a. Possible new sites include the public parking lots and the city corporate yard.
 - b. Examine the possibility of micro-grid power storage, such as the SRJC has done.
3. **Moratorium on New Fossil Fuel Infrastructure** - Applies to new gas stations
4. **Oversight of Procurement** - "Sustainable purchasing" for the City of Sebastopol.
5. **Data Gathering**
 - a. Annual Reporting of Consumption - Local Gas and Electricity Baseline Data
 - i. The city on an annual basis makes a request to PG&E for a breakdown of consumption based on residential, commercial and industrial sectors for gas and electricity for the 95472-zip code. This data is then posted on the City website. Public energy data request portal
 - b. Evaluation of existing municipal solar.
 - i. Evaluate the savings (KWh, GHG, \$) the city has achieved since installing solar arrays on most of the municipal buildings and water/sewage pumping stations. This could be done with possible assistance of SSU students.
 - c. Evaluation of existing building requirements for residential and commercial solar
 - i. Estimate the savings (KWh, GHG, \$) the solar building requirement has saved. This could be done with possible assistance of SSU students.
 - ii. Pass on lessons learned implementing it to other jurisdictions since all of California is now having to implement solar in new buildings.
6. **Education** - The city embarks on multiple public education initiatives. For example:
 - a. Travelling exhibit based on a 10' x 10' pop up shade structure, display table, graphics and interactive exhibit components that provides community education around action items that citizens can take to reduce GHG emissions, decrease household and business waste and increase resiliency.
 - b. Publicize on the city website and newsletter all available local resources for climate and zero waste actions. Examples include:
 - i. Launch before year end of Sonoma Clean Power's incentives for Heat Pump Water Heaters, Heat Pump Space Heaters and other energy saving devices.
 - ii. Sonoma Climate Challenge
 - iii. Zero Waste best practices for households
 - c. Provide handouts available at city hall for climate best practices.
 - d. Leverage community groups to put on climate education events and help tell the success stories.
 - i. Climate speaker series

- ii. Climate workshops for teachers
- 7. Begin the discussion to create climate committee or expand the scope of the Zero-Waste committee to encompass broader climate actions.**
- 8. Work to accelerate transportation electrification**
 - a. Team with RCPA/CCP (and others) to encourage EV (purchase/lease)
 - b. Address local EV infrastructure enhancements (See RCPA Shift Sonoma County Plan).
 - i. Make electric car charging stations more visible.
 - ii. Increase numbers of DC fast chargers
 - c. Organize EV Rides/shows (include E-bikes).
 - d. Sharing purchase/lease strategies for new buyers. Share info for buying/leasing used EVs.
- 9. Fund a grant writer to find money for climate initiatives, such as:**
 - a. Climate Action Coordinator contract position. This person would be responsible for measuring/monitoring/reporting on progress of any action items that are adopted. Civicspark/Climatecorp provides training to these new hires. For example, the City of Alameda hired a coordinator as intern via Civicsparks or ClimateCorp
 - b. Youth climate corp summer jobs.
 - c. Zero Waste initiatives.
 - d. Conducting free solar evaluations, developing/implementing communication/outreach tools/strategies.
 - e. Stipends for SSU/SRJC students to conduct studies/research/monitoring
 - f. Incentives for converting to electric in homes (fuel switching).
 - g. Energy and/or lighting retrofits in city-owned buildings
 - h. Solar+ battery storage capacity in critical city infrastructure for emergencies and PG&E planned power outages.