

## Attachment A: List of Actions

This revision: August 23, 2019

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*The following actions are to be considered for **immediate implementation following passage of the Climate Emergency Resolution**:*

### Overall

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- **Get community input:** Participate in a series of community-led town hall meetings to solicit suggestions from the community for additional immediate and effective climate actions.
- **Create a “suggestion box:”** Solicit ongoing input from city employees, residents, and from the wider community for energy-saving, community-building, climate-smart actions for consideration by the Climate Action Subcommittee.
- **Hire or designate a Climate Action Coordinator** (or similar position) to oversee and coordinate the city’s climate-related efforts.
- **Be up front about it:** Prominently feature Santa Rosa’s goals of zero GHG emissions/drawdown/adaptation on the City’s website. Include visually appealing educational information, local resources, listing of events, volunteer opportunities, etc.

### Land Use

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- **Revise or re-write the current zoning ordinance in order to remove barriers** to development of the dense, fiscally-stable, pedestrian- and bicycle-friendly, zero-emissions city that our community envisions. [Examples of current barriers: minimum parking requirements, required setbacks, height limits, Level of Service (LOS) standards, exclusionary zoning, etc.]

### Transportation

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- **Electrify the fleet:** Replace all city-owned fossil-fueled vehicles (eg: automobiles, light-and heavy-duty trucks, transit vehicles, police vehicles, and others) with vehicles that run fully on electricity. Include 10-year operating costs when considering vehicle purchases.

- **Encourage the switch to clean vehicles:** Expand electric vehicle (EV) charging infrastructure by directly installing public charging stations and/or incentivizing the private sector to do so. [Carbon Free City Handbook]
- **Finish what we started:** Commit to full funding and implementation of the City's **Bicycle and Pedestrian Master Plan Update 2018.**
- **Change the mindset:** Pass an anti-idling ordinance prohibiting vehicle idling on city streets for more than 90 seconds (see Santa Cruz Ordinance #2015-05, passed February 24, 2014). Such an ordinance would not be enforceable in privately-owned parking lots, but would be useful in raising awareness.

## Building Energy

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- **Let the people know what's currently available to them:** Publicize all the resources now available to city residents through PGE, Sonoma Clean Power (SCP), the County's Energy and Sustainability Division, and other entities including: home energy audits, tool lending library, Property Assessed Clean Energy (PACE) tax bill financing for energy efficiency improvements, rebates, incentives, and more.
- **Educate the public:** Provide handouts at the Building and Planning counters on zero net energy (ZNE) residential and commercial best practices (including all-electric), home performance best practices, green building best practices, and more.
- **Educate the public:** Actively and widely promote the RCPA's [Community Climate Challenge](#).
- **Push beyond current energy code:** Join the 50+ other California jurisdictions currently on track to implement a 'reach code' requiring **all-electric** (no natural gas) new residential construction starting January 1, 2020.
- **Phase out natural gas:** Prohibit installation of underground natural gas infrastructure in all new development.
- **Decarbonize the existing building stock:** Work with local utilities and the State to provide incentives for electrification of existing housing and other building stock -- both appliance-by-appliance and as whole-building retrofits.
- **Municipal re-lamping:** First, replace all incandescent and fluorescent lamps in all City-owned buildings with LED lamps. Then, upgrade lighting controls to include light sensors, occupancy/vacancy sensors, etc.

- **Set high standards for new city buildings:** Require that all new City-owned and -leased facilities be all-electric zero net energy (ZNE).
- **Solar PV on municipal facilities:** Evaluate the potential for installing PV systems on all municipal facilities, including wastewater treatment ponds.
- **Get staff on board:** Implement training for all city employees in basic climate science, an understanding of the need for mitigation, drawdown, and adaptation, and in climate-smart best habits and practices across all departments.

## Electricity

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- **Commit to 100% clean electricity:** Purchase Sonoma Clean Power's Evergreen 100% clean and renewable electricity for all city-owned and -leased facilities.
- **Encourage 100% clean electricity:** Encourage wide use of Evergreen among local households and businesses.
- **Microgrids:** Support/incentivize community-scale electricity micro-grids.

## Solid Waste

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- **Zero waste ordinance:** Pass a zero waste ordinance similar to City of Sebastopol's Resolution #6214, passed October 16, 2018. (Recommended by Zero Waste Sonoma, the joint powers authority formerly known as Sonoma County Waste Management Agency, or SCWMA).
- **Polystyrene ban:** Pass a ban on polystyrene food service containers. (Recommended by SCWMA. Reference SCWMA Model Ordinance).
- **Cut down on disposable foodware:** Pass an ordinance limiting the use of single-use serviceware similar to City of Berkeley's Single Use Foodware and Litter Reduction Ordinance, passed January 22, 2019.
- **Make it easy to recycle:** Install recycling containers for metal, paper, and plastics at all trash container locations in the jurisdiction.
- **Reduce food waste:** Build on existing programs that redirect edible excess food from local businesses to homeless shelters, food banks, and directly to recipients.
- **Close the loop on food and yard waste:** Establish a city-wide composting program, making it *convenient* for all residents to divert all food and yard waste from the waste stream and making nutrient-rich compost readily available.

## Other

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- **No new fossil-fuel infrastructure:** Pass a moratorium on new gasoline/diesel fueling stations. [The City of Petaluma passed "[An Urgency Ordinance ... Imposing a Moratorium on the Issuance of Entitlements for New Gas Station Uses ...](#)" on May 6, 2019].
- **Carbon-farming:** promote carbon sequestration in/on all local landscapes.
- **Plant trees:** Plant (appropriate) trees throughout City-owned and –controlled public space. (Trees provide shade, sequester atmospheric carbon, improve air quality, reduce urban heat island effect, help retain soil moisture, provide habitat, increase property values, etc).
- **Equitable public health action plan:** encourage and assist a coordinated effort among all health care providers to anticipate and prepare for the inevitable health consequences (physical and mental/emotional) resulting from climate change.
- Engage community members in the search for **funding sources for climate mitigation** and adaptation efforts. Possibilities include:
  - Cap and Trade dollars: [California Climate Investments \(CCI\)](#)
  - Meeting CA's food waste mandate: [ReFED Food Waste Investment Report](#), [CalRecycle](#)
  - A carbon fund: [Statewide Energy Efficiency Collaborative Webinar](#)  
[California Cities Create Carbon Funds to Support Climate Action](#)
  - A carbon energy tax: [Smart Growth America: Carbon Energy Tax](#)

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**Resources for additional actions:**

- American Cities Climate Challenge (RMI)
- America's Pledge Initiative (commitments from 3,750 states and cities)
- Bend, OR's lists of recommendations from their Citizens Climate Committee
- Carbon-Free City Handbook (RMI)
- 100 Resilient Cities
- usdn.org
- Carbon Neutral Cities Alliance (CNCA) – a project of usdn
- Cities of Service (helps local government and citizens work together)
- Cool Blocks
- The Climate Mobilization's Draft Implementation Plans
- Transition Streets ("Launch")
- Transition Town Handbook
- The Community Resilience Reader (Post Carbon Institute)
- Vancouver, BC's list of fifty-something action items (following passage of their Climate Emergency Resolution)
- 'We Are Still In' Coalition

## **CITY OF SANTA ROSA**

### **RESOLUTION ENDORSING THE DECLARATION OF A CLIMATE EMERGENCY AND AN IMMEDIATE EMERGENCY MOBILIZATION TO RESTORE A SAFE CLIMATE:**

**WHEREAS**, all the nations of the world have signed the **2015 Paris Agreement<sup>(1)</sup>** which has a stated objective of “...**keeping a global temperature rise this century well below 2° Celsius above pre-industrial levels and to pursue efforts to limit the temperature increase even further to 1.5° Celsius;**”

**WHEREAS**, in October 2018 the **Intergovernmental Panel on Climate Change (IPPC)**, the largest collaborative, consensus-based effort among the world’s scientific community, released a **Special Report on Global Warming of 1.5° C<sup>(2)</sup>** stating that “Human activities are estimated to have (already) caused approximately 1.0° C of global warming above pre-industrial levels;”

**WHEREAS**, an increase in global average surface temperatures results in **numerous secondary effects<sup>(3)</sup>**, including: rapidly rising sea levels, decreased snowpack, accelerating melting of ice sheets in Greenland and Antarctica, accelerated melting of Arctic permafrost, increasing incidence and intensity of extreme weather events such as heat waves, droughts, hurricanes, tornadoes, etc., increasing incidence and intensity of wildfires, spread of diseases, and more;

**WHEREAS**, the **IPCC’s Special Report on Global warming of 1.5° C** states that the nations of the world must **limit global temperature rise to 1.5° C above pre-industrial averages** in order to maintain environmental conditions on earth that are compatible with life as it has evolved;

**WHEREAS**, the **IPCC’s Special Report on Global Warming of 1.5° C**, states that **in order to have a 66% chance of limiting global warming to 1.5° C, our remaining ‘carbon budget’ is equal to 10 years of current greenhouse gas emissions;**

**WHEREAS**, the findings of the **IPCC's Special Report on Global Warming of 1.5° C** are echoed by **California's Fourth Climate Change Assessment**<sup>(4)</sup>, released in August 2018, and by the **Fourth National Climate Assessment**<sup>(5)</sup>, released in November 2018;

**WHEREAS**, on September 12, 2018 Governor Jerry Brown signed "**Executive Order B-55-18 To Achieve Carbon Neutrality**"<sup>(6)</sup>, committing the State of California to economy-wide ..."**carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter,**" a target that accords with the recommendation of the **IPPC's Special Report on Global Warming of 1.5° C**;

**WHEREAS**, restoring a safe and stable climate requires a Climate Mobilization at all levels of government and society on a scale, scope, and speed not seen since World War II;

**WHEREAS**, marginalized communities worldwide -- including people of color, indigenous communities, low-income people, those with disabilities, and the homeless -- are already disproportionately affected by climate change;

**WHEREAS**, a Just Transition to a safe climate must encourage the active participation and protection of marginalized communities and work to ensure that they benefit *first* from a sustainable and equitable economy, including good-paying jobs and other tenets of a **Green New Deal**<sup>(7)</sup> effort;

**WHEREAS**, it is an act of unspeakable cruelty to do too little, too late - to knowingly subject our fellow humans now and in the future to societal breakdown, shortages of food and clean water, economic collapse, and life on an uninhabitable planet;

**WHEREAS**, the City of Santa Rosa once saw itself as a leader in addressing human-caused climate change, having made bold commitments in its 2012 Climate Action Plan, and later, in its participation in the greenhouse gas reduction efforts enumerated in the **Regional Climate Protection Authority's (RCPA's) Climate Action 2020 Plan**<sup>(8)</sup>;

**WHEREAS**, the City of Santa Rosa must resume its leadership role by converting to an ecologically, socially, and economically regenerative economy at emergency speed and helping to rapidly organize a regional Just Transition and climate emergency mobilization effort;

**NOW, THEREFORE, BE IT RESOLVED**,

The City of Santa Rosa declares that a **climate emergency** threatens our city, region, and all life on Earth;

**BE IT FURTHER RESOLVED**, the City of Santa Rosa commits to a City-wide **Just Transition and climate emergency mobilization** which includes 1) **mitigation**: reducing City-wide greenhouse gas emissions to net zero by no later than 2030 (or on a timeline that guarantees the highest odds of success), 2) **drawdown**: immediate removal of carbon from the atmosphere to near pre-industrial levels, and 3) **adaptation** and resilience measures in preparation for the inevitable consequences of a rapidly warming planet;

**BE IT FURTHER RESOLVED**, the City of Santa Rosa will begin an **immediate evaluation of all existing and future policies, projects, purchases, and priorities** in accordance with the goals of **mitigation, drawdown, and adaptation**;

**BE IT FURTHER RESOLVED**, the City of Santa Rosa will **update (or amend using shared resources) its General Plan, zoning ordinance, and other guiding documents** in accordance with the goals of **mitigation, drawdown, and adaptation**;

**BE IT FURTHER RESOLVED**, the City of Santa Rosa commits to **ongoing education and active engagement** of all city staff, contractors, consultants, residents, and independent community groups in alignment with the goals of **mitigation, drawdown, and adaptation**;

**BE IT FURTHER RESOLVED**, the City of Santa Rosa will create and staff the position of **Climate Action Coordinator** (or similar position) who will manage and be responsible for implementing city-wide climate-related efforts. Such person shall have the authority to form relevant teams to address the climate emergency.

**BE IT FURTHER RESOLVED**, the City of Santa Rosa **acknowledges that full public participation** of its residents, including its disenfranchised communities, youth, elders, community organizations, labor groups, businesses, and academia, is essential to the success of this effort;

**BE IT FURTHER RESOLVED**, the City of Santa Rosa, joins a nationwide call for a **regional just transition and emergency mobilization at all levels of government** to restore a safe climate, and will partner with local, regional, and state agencies to implement immediate actions –including, but not limited to, those in **ATTACHMENT A** – to help safeguard its residents against the consequences of climate change.

#### REFERENCES:

<sup>1</sup> **The 2015 Paris Agreement:**

[https://unfccc.int/sites/default/files/english\\_paris\\_agreement.pdf](https://unfccc.int/sites/default/files/english_paris_agreement.pdf)

<sup>2</sup> **The IPCC's Special Report on Global Warming of 1.5°C:**

[https://report.ipcc.ch/sr15/pdf/sr15\\_spm\\_final.pdf](https://report.ipcc.ch/sr15/pdf/sr15_spm_final.pdf)

<sup>3</sup> **Consequences of climate change:** <https://www.nrdc.org/stories/are-effects-global-warming-really-bad>

<sup>4</sup> **California's Fourth Climate Change Assessment:**

<http://www.climateassessment.ca.gov/>

<sup>5</sup> **Fourth National Climate Assessment:** <https://nca2018.globalchange.gov/>

<sup>6</sup> **"Executive Order B-55-18 To Achieve Carbon Neutrality:"**

<https://www.gov.ca.gov/wp-content/uploads/2018/09/9.10.18-Executive-Order.pdf>

<sup>7</sup> **Green New Deal:** <https://docs.google.com/document/d/1jxUzp9SZ6-VB-4wSm8sseIVMsqWZrSrYpYC9slHKLzo/edit>

<sup>8</sup> **Regional Climate Protection Authority's (RCPA's) Climate Action 2020 Plan:**

[https://rcpa.ca.gov/wp-content/uploads/2016/07/CA2020\\_Plan\\_7-7-16\\_web.pdf](https://rcpa.ca.gov/wp-content/uploads/2016/07/CA2020_Plan_7-7-16_web.pdf)

**Trupiano, Nicole**

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**Subject:** FW: For climate sub committee meeting Sept 3rd  
**Attachments:** (2019-8-23) Attachment 'A' -- List of Actions.pdf; CER FOCAP working vers 082119.docx.pdf

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**Subject:** For climate sub committee meeting Sept 3rd

Mayor Schwedhelm, Council Members Combs, Council Member Rogers, Mr. Guhin,

As the Climate Sub Committee and the city explore the option of a Climate Emergency Resolution (CER) for Santa Rosa we ask that the attached draft *Climate Emergency Resolution* and *List of Actions* be reviewed by you toward that process.

Though the city has a Climate Action Plan, it is somewhat out of date given all that has changed in recent years. We hope the CER effort is looking beyond those resources because relying on them as a primary source could lead us to miss the mark. With the urgency of the climate crisis here, and being aware the resources at city, county, and RCPA are beyond stretched, we hope to do as much as we can to bring forward additional relevant material for the discussion,

For that effort the SR CER team has been working in conjunction with the CER teams from Petaluma, Windsor, Sebastopol and Healdsburg. We have also been in communication with jurisdictions around CA who have recently passed their own CER's. We are interested in helping to achieve a CER for Santa Rosa that is based on and aligned with current science, and includes a totality of scope needed to meaningfully address the climate crisis. We have worked to create these sample documents which explore up to date concepts, information and language that allows for responsiveness to the changing realities.

Thank you for all you are doing in your work as our representatives, as neighbors and community members. Have a great weekend.

The SR CER Team

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