

**TOWN OF WOODSIDE**

Report to Town Council

Agenda Item 5

From: Brandi deGarmeaux, Senior Management Analyst      February 27, 2024

Approved: Kevin Bryant, Town Manager

**SUBJECT: ANNUAL REPORTING FOR THE CLIMATE ACTION PLAN (CAP) 2023**

**RECOMMENDATION**

It is recommended that the Town Council accept the CAP Implementation Report for 2023; and direct staff to circulate the report to the public for the required 30-day review period, between February 2024 and March 2024, via newspaper noticing and posting online.

**BACKGROUND/DISCUSSION**

Development of the Town of Woodside Climate Action Plan (CAP) was required as mitigation for adoption of the Town of Woodside's General Plan Mitigated Negative Declaration in 2012. The Town's CAP was adopted on September 22, 2015. The CAP is posted on the Town website at: <https://www.woodsideca.gov/229/Climate-Action-Plan>. The CAP sets forth a program to achieve targeted emission reductions. As part of the process of developing the Plan, the Town identified 20 local measures to be implemented during the planning period (2015-2020) to reduce GHG emissions. Since 2015, the Town has worked with relevant Town committees, departments, regional agencies, and decision makers to prioritize measures for implementation. Each measure is summarized in the Climate Action Plan (CAP) Implementation (2023).

As part of this program, the CAP provides guidance in preparing yearly implementation reports to describe the Town's progress in implementing the measures described in the CAP. The Annual Climate Action Plan Implementation Report documents the Town's progress in implementing the measures identified in the Climate Action Plan, and highlights measures still requiring attention. The eighth annual report (for 2023) is **Attachment 1. Attachment 1.D** provides a progress report on the Town implementation of measures, with progress made noted in underlined text, and work still required in **bold text**.

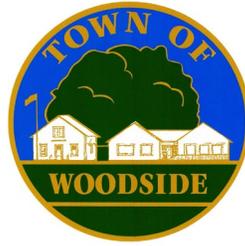
In May of 2023, the Town Council created the Climate & Sustainability Committee and in November of 2023, the Town hired staff to support Environmental Services programs. Staff and the committee have been working together to review opportunities to make progress on the current CAP as well as develop a proposal for updating the plan utilizing resources and assistance available from the County. The Climate & Sustainability Committee will present their recommendations for the current CAP to the Town Council in their Annual Report on February 27, 2024.

**CONCLUSION**

Acceptance of the attached Implementation Report will release the report for the required 30-day public review.

**ATTACHMENTS**

1. Climate Action Plan Implementation Program (2023)
  - A. Town of Woodside Emission Targets
  - B. Schedule for Implementation Report Updates
  - C. Prioritization of Measures
  - D. Climate Action Plan (CAP) Implementation 2023



# Town of Woodside

## Climate Action Plan Implementation Program (2023)



February 2024

## **Acknowledgements**

### **Town Council**

Jennifer Wall, Mayor  
Ned Fluet, Mayor Pro Tempore  
Richard (Dick) Brown  
Brian Dombkowski  
Paul Goeld  
Chris Shaw

### **Environment: Open Space, Conservation & Sustainability Committee (committee retired May 23, 2023)**

Alayna VanDervort, Chair  
Maira Zbella, Vice Chair  
Sue Sweeney Burow  
Casey Doughty  
Sten Mawson  
Donna L. Howe  
Andrew Fandrianto  
Matt Richter  
Elizabeth Kerr  
Diane Taube

### **Climate & Sustainability Committee Members (committee formed May 23, 2023)**

Maira, Zbella, Chair  
Alayna Van Dervort, Vice Chair  
Terry Brooks Sculley  
Dana Ward

### **Town Staff**

Kevin Bryant, Town Manager  
Sage Schaan, AICP CEP, Planning Director  
Yaz Emrani, Public Works Director/Town Engineer  
Sarah Filipe, Associate Planner  
Melanie Olson, Assistant Planner  
Brandi deGarmeaux, Senior Management Analyst

# CAP IMPLEMENTATION REPORT – 2023

## 1. Introduction

The Town of Woodside adopted the Town of Woodside Climate Action Plan on September 22, 2015 (Town Council Resolution No. 2015-7066).

## 2. Purpose

The purpose of the Plan is to describe the principal sources of the Town of Woodside’s greenhouse gas (GHG) emissions, and to outline the goals and measures the Town has identified for achieving the community’s target of reducing emissions to 15% below 2005 levels by 2020 (**Attachment A**).

Preparation and adoption of the Climate Action Plan (CAP) was the sole mitigation measure (therefore a mandated action) identified in the Mitigated Negative Declaration prepared for the General Plan (2012), and has been completed as described below:

- The Sustainability Element of the 2012 General Plan highlighted the Town’s commitment to resource conservation and the reduction of greenhouse gases.

As stated by Jason Mendelson, the former Chair of the Town’s Sustainability & Conservation Committee, the CAP “...is an integral part of the Town’s commitment to environmental stewardship, and it satisfies the requirement to produce a CAP specified by the Mitigated Negative Declaration for the 2012 Town General Plan”. On an ongoing basis, the Town will work with the Sustainability & Conservation Committee to implement specified measures.

The Plan was developed using the Regionally Integrated Climate Action Planning Suite (RICAPS), funded by a grant from the Bay Area Air Quality Management District (BAAQMD) and by the California utility customers, administered by Pacific Gas and Electric (PG&E). This grant was also carried out under the auspices of the California Public Utility Commission (PUC), with matching funds provided by the City and County Association of Governments of San Mateo County (C/CAG).

## 3. Climate Action Planning

The Sustainability and Conservation Committee (suspended effective June 13, 2017) provided tremendous expertise and effort in the development of the CAP. A subcommittee of the Environment: Open Space, Conservation & Sustainability Committee (created June 13, 2017) assisted with the implementation of the CAP in November of 2022. Over the plan period, that subcommittee engaged the public and encouraged conservation and sustainability on the part of the Town residents. Town Manager Kevin Bryant, served as the Town Liaison to the Committee/Subcommittee.

In May of 2023, the Town Council approved the split of the Environment, Open Space, Conservation & Sustainability Committee split into two committees: the Climate & Sustainability Committee and the Environment and Open Space Committee. As part of their new charter, the Climate & Sustainability Committee will advise and assist the Town Council, Planning Commission, and staff on implementing the goals and policies of the climate and sustainability elements of the Town’s codes, guidelines and plans

## CAP IMPLEMENTATION REPORT – 2023

with special emphasis on updates for the Town’s Climate Action Plan. The Committee will work along with Town staff, who receive technical support from the County.

The County Office of Sustainability has hired a new technical consultant and is currently working on a more streamlined template for preparation of qualified greenhouse gas (GHG) reduction plans. The plans combine climate mitigation and adaptation measures. The County has some funds for providing jurisdictions with technical assistance in preparing plans with emission targets for 2030.

Staff will work with the Climate & Sustainability Committee to review opportunities to make progress on implementation of the current Climate Action Plan as well as work on developing a proposal to update the Plan utilizing any resources and assistance available from the County.

To date, there has been a reduction of approximately 20% in generation of GHG emissions countywide, primarily from shifting to the use of electricity purchased through Peninsula Clean Energy (PCE).

### 4. Date of Presentation/Acceptance by the Town Council

The Annual Climate Action Plan Implementation Report (ACAPIR) is prepared in January/February of each year, followed by a 30-day public comment period to allow community input on implementation of the Plan. **Attachment B** identifies the Schedule for Plan implementation. The Plan Implementation Report was presented to the Town Council on February 27, 2024, and will be circulated for public review between mid-February 2023 and mid-March 2023. The Climate & Sustainability Committee also presented its recommendations regarding the Climate Action Plan to the Town Council on February 27, 2024, in their Annual Report.

### 5. Progress in Implementation of the Climate Action Plan

The Annual Climate Action Plan Implementation Report (2023) documents the Town’s progress in implementing the measures identified in the Climate Action Plan, and highlights measures still requiring attention.

As part of the process of developing the Plan, the Town identified 20 local measures to be implemented during the planning period (2015-2020) to reduce GHG emissions. Cumulatively, implementation of these measures would result in the reduction of 2,179 metric tons of carbon dioxide (MTCO<sub>2</sub>); 1.84 percent below the Business as Usual (BAU) projected emissions. These measures, combined with the State mandated programs, are anticipated to reduce GHG within the Town by a total of 28,300 metric tons of carbon dioxide equivalent (MTCO<sub>2e</sub>), or 23.92%, thereby exceeding the 15% State Emissions Reduction Requirement.

The Town previously worked with the Sustainability and Conservation Committee and other Town departments, committees, regional agencies, and decision makers to prioritize measures for implementation. **Attachment C** identifies the prioritization of measures. Of the 20 measures, implementation of four of the measures (Measures 3.1.3, 3.1.10, 3.3.1, and 3.4.1) would achieve 81 percent of the local Town reductions in GHG identified. These measures are referred to as ‘High Priority

## CAP IMPLEMENTATION REPORT – 2023

Measures’. **Attachment D** provides a progress report on the Town implementation of measures, with progress made noted in underlined text, and work still required in **bold text**.

Since the original Implementation Timeline for the Climate Action Plan has passed, staff will work with the Climate & Sustainability Committee and the County to develop a proposal for updating the plan that it will bring back to the Council at a future date.

### Attachments

- A. Meeting the Emission Targets
- B. Timeline
- C. Summary of Measures
- D. Climate Action Plan (CAP) Implementation (2022)

## Attachment A: Meeting the Emission Targets

The Town would meet the emission reduction target of 15% through the Total Statewide Initiative Emissions Reductions (22.07% reductions from the 2020 anticipated business as usual emission levels); implementation of the Town's local measures would result in additional reductions of 1.84%, for total estimated reductions of nearly 24% (23.92%) from 2020 business as usual emission levels, as shown in the Table below.

**Meeting the Town's 2020 Target (CAP Table 9)**

<b>Estimated 2020 Business-as-usual Town Emissions: <u>118,298 MTCO<sub>2e</sub></u></b>	
<b>Reduction Measure</b>	<b>Expected Reduction in Town's 2020 Business-as-usual Emissions in MTCO<sub>2e</sub> (Percent of Total Emissions)</b>
<b>State Initiative – Transportation Sector:</b> Assembly Bill AB1493 (Pavley) <sup>1</sup> (does not apply to off-road vehicles)	17,880 (15.11%)
<b>State Initiative – Transportation Sector:</b> Low Carbon Fuel Standard Program (applies to both on-road and off-road vehicles) <sup>2</sup>	6,535 (5.52%)
<b>State Initiative – Energy Sector:</b> 33 percent Renewable Portfolio Standard (33% RPS)	1,706 (1.44%)
<b>Town Climate Action Plan:</b> Reduction Measures	2,179 (1.84%)
<b>Total Emissions Reductions:</b>	<b>28,300 (23.92%)</b>
<b>Exceeds 15% State Emissions Reductions Requirement by:</b>	10,555 (8.92%)

<sup>1</sup> AB1493, authored by Assembly member Fran Pavley in 2002, requires a reduction in GHG emissions from vehicle tail pipes.

<sup>2</sup> Telephone Communication with DNV GL Consulting Firm, July 9, 2015.

## Attachment B: Timeline

The timeline shown below, lists the major milestones in the **Climate Action Plan (CAP)** implementation process. Progress and updates to this schedule should be submitted to the Town Council and the public as part of an annual Plan Implementation Report.

**Climate Action Plan Implementation**  
(CAP Table 10, as revised for CAP Implementation Updates)

Milestone	Target Date
GHG Inventory Completed	11/2009
GHG Reduction Target Established	01/2012
Draft CAP Completed	06/30/2015
Draft CAP Published	07/20/2015
Sustainability Committee Review	09/2015
Council Review/CAP Adoption	09/2015
Climate Action Task Force and Sustainability and Conservation Committee Begin Implementation	01/2016
1 <sup>st</sup> Annual CAP Implementation Report	01/2017
Community Comment Period	02/2017 - 03/2017
2 <sup>nd</sup> Annual CAP Implementation Report	01/2018
Community Comment Period	02/2018 – 03/2018
3 <sup>rd</sup> Annual CAP Implementation Report	01/2019
Community Comment Period	02/2019 – 03/2019
2 <sup>nd</sup> GHG Community Emissions Inventory started <sup>1</sup>	CY 2019*
1 <sup>st</sup> CAP Update	01/2020 (The primary focus of the County and other jurisdictions in San Mateo County is on 2030 CAP Updates that combine Emission Reductions with Adaptation Strategies)
4 <sup>th</sup> Annual CAP Implementation Report	01/2020
Community Comment Period	02/2020 – 03/2020

5 <sup>th</sup> Annual CAP Implementation Report	1/2021
Community Comment Period	02/2021-03/2021
6 <sup>th</sup> Annual CAP Implementation Report	1/2022
Community Comment Period	02/2022-03/2022
7 <sup>th</sup> Annual CAP Implementation Report	2/2023
Community Comment Period	02/2023-03/2023
8 <sup>th</sup> Annual CAP Implementation Report	2/2024
Community Comment Period	02/2024-03/2024

<sup>1</sup> The County Office of Sustainability with the assistance from Rincon Consultants is currently working on an updated GHG Inventory.

## Attachment C: Summary of Measures

Summary of Measures (CAP Table 8)						
Measure	Description	Electricity Reduction (kWh/year)	Natural Gas Reduction (therms/year)	Emission Reductions (MTCO <sub>2</sub> e)	Additional Environmental Impacts	Priority
<b>ENERGY</b>						
3.1.1	Commercial Green Building Ordinance	1,216	64	1		MEDIUM
3.1.2	Residential Green Building Ordinance	2,031	2,689	15		MEDIUM/HIGH
3.1.3	Incentivize Solar Energy Installation and Other Renewable Energy	3,615,326	44,092	704	Some visual resource impacts from adjacent or nearby properties	<b>HIGH</b>
3.1.4	Participate in Energy Upgrade Programs	93,882	8,315	56		MEDIUM/HIGH
3.1.5	Promote PG&E Commercial and Industrial Energy Efficiency/Demand Response Programs	27,260	520	6		MEDIUM
3.1.6	Shade Trees; and Preservation of Significant Trees and Forest Land	148,991	8,018	62		MEDIUM/HIGH
3.1.7	Energy Efficient Street Lighting	6,132	0	1		LOW
3.1.8	Renewable Energy Installation on Municipal Property	24,966	0	3		MEDIUM/HIGH
3.1.9	Energy Efficiency in Municipal Buildings	14,400	275	3		MEDIUM/HIGH
3.1.10	Voluntary Real Estate Conservation Disclosure	197,402	16,250	112		<b>HIGH</b>
3.1.11	Electric Vehicle (EV) Chargers	N/A	N/A	458		MEDIUM

<b>Summary of Measures (CAP Table 8)</b>						
<b>Measure</b>	<b>Description</b>	<b>Electricity Reduction (kWh/year)</b>	<b>Natural Gas Reduction (therms/year)</b>	<b>Emission Reductions (MTCO2e)</b>	<b>Additional Environmental Impacts</b>	<b>Priority</b>
<b>TRANSPORTATION AND LAND USE</b>						
3.2.1	Walkable/bikable Street Landscape	0	0	47	93,500 VMT/year reduction & 3,740 gallons of gasoline per year reduction	MEDIUM/HIGH
3.2.2	Low Emission Government Vehicles	0	0	21	2,374 gallons of gasoline per year reduction	MEDIUM
3.2.3	Local Food	0	0	891	182,208 VMT/year reduction	LOW
<b>SOLID WASTE</b>						
3.3.1	Set Higher Waste Diversion Rate Goal	0	0	551	3,166 tons of waste per year reduction	<b>HIGH</b>
3.3.2	Environmentally Preferred Purchasing Policy - Waste Reduction	0	0	0	Beneficial impacts to air quality and water	MEDIUM/HIGH
3.3.3	Reduce Waste at Point-of-Purchase	0	0	0	Beneficial impacts to air quality and water	MEDIUM
<b>WATER</b>						
3.4.1	Water Conservation Incentives	15,824	7,908	44		<b>HIGH</b>
<b>ALL SECTORS</b>						
3.5.1	Green Business Program	18,401	351	4		MEDIUM
3.5.2	Future Programs					
<b>TOTAL:</b>		<b>4,165,831</b>	<b>88,482</b>	<b>2,179</b>		

# Attachment D: Climate Action Plan (CAP) Implementation (2023)

## 3.1 Energy

Measures:	Comments:
<p><b>3.1.1 Goal: Commercial Green Building Requirements</b> Continue to adopt all new State Commercial Building Codes. Explore higher energy performance requirements for new commercial buildings, and incentives for higher energy performance for tenant improvements.</p>	<p>The Town adopts and implements Title 24 of the California Code of Regulations (CCR), which incorporates green building requirements. Since January 1, 2023, all projects have been required to comply with the 2022 California Code of Regulations. The Code includes Building, Residential, Electrical, Plumbing, Mechanical, Energy, Green Standards, and Reference Standards Codes (<a href="http://www.bsc.ca.gov/Codes.aspx">http://www.bsc.ca.gov/Codes.aspx</a>). On July 25, 2017, the Town adopted Ordinance No. 2017-588 to provide an expedited, streamlined permitting process for electric vehicle charging stations, to achieve timely and cost effective installations (WMC Chapter 150, Sections 150.50-150.55).</p>

<p><b>3.1.2 Goal: Residential Green Building Ordinance</b> Continue to adopt all new State Residential Building Codes. Encourage and incentivize achievement of CALGreen Tier 1 energy performance. Continue to encourage the integration of sustainable design features and elements, such as passive heating and cooling, solar, green roofs, geothermal as described in the Building Design section of the Residential Design Guidelines and the General Plan Sustainability Element. Seek to harmonize with regional Green Building Ordinances. Revise the WMC to require that any new residence seeking a Maximum Residence Size Exception achieve CALGreen Tier 1 energy performance.</p>	<p>The Town adopts and implements Title 24 of the California Code of Regulations (CCR), which incorporates green building requirements. As of January 1, 2023, all projects are required to comply with the 2022 California Code of Regulations. The Code includes Building, Residential, Electrical, Plumbing, Mechanical, Energy, Green Standards, and Reference Standards Codes. (<a href="http://www.bsc.ca.gov/Codes.aspx">http://www.bsc.ca.gov/Codes.aspx</a>). On July 25, 2017, the Town adopted Ordinance No. 2017-588 to provide an expedited, streamlined permitting process for electric vehicle charging stations, to achieve timely and cost effective installations (WMC Chapter 150, Sections 150.50-150.55). In 2019, the Planning Commission recommended that the Town Council amend the WMC to allow electric vehicle charging stations and natural gas fuel pumps within required setbacks (PC Resolution No. 2019-019). The Town Council amended the WMC to make these changes (TC Ordinance No. 2019-602). The Town adopted the standard 2022 Energy Code, which revises the energy efficiency standards for newly constructed buildings, additions and alterations to existing buildings. It requires residential buildings to be electric-ready, so electric appliances can eventually replace installed gas appliances.</p>
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\*\* Highest Priority Measures

Measures:	Comments:
<p><b>3.1.3 ** Goal: Create Incentives for Installing Solar Energy (Solar Arrays/Photo Voltaic Panels) and Other Renewable Systems</b>                      Provide financial incentives for installing solar energy (solar arrays/photo voltaic panels), hot water systems, geothermal, and other types of installations. Provide free assistance for project developers through power purchase agreements and interconnection processes. Encourage bulk purchases such as the Portola Valley Bulk purchase.</p>	<p>The Town subsidizes permitting costs for solar arrays. The Town also expedites plan check of solar permits. Information on the Town's process for reviewing solar arrays is included on the Town's website.</p> <p>As of January 1, 2023, all projects are required to comply with the 2022 California Code of Regulations. Adopting the most up-to-date codes ensures property owners will install energy efficient systems and renewable technologies for their homes.</p> <p>The Town's Building Official indicates that communities that have adopted their own building standards have increased costs substantially for the home owners in their communities that are building or upgrading structures. Between January 1, 2022, and December 31, 2022, the Town 'finalized' 28 permits for (primarily) rooftop solar arrays and 35 permits for solar installations that include energy storage. <u>Between January 1, 2023 and December 31, 2023, the Town 'finalized' 32 permits for rooftop solar arrays and 27 for rooftop solar arrays that included energy storage. In addition the Town 'finalized' 1 groundmount solar array and 1 additional groundmount solar array with energy storage.</u></p>
<p><b>3.1.4 Goal: Participate in Energy Upgrade Programs</b>                      Town to provide or encourage residential energy audits and retrofits. Leverage existing rebates/add additional rebates for energy efficient retrofits.</p>	<p>The Town provides information to applicants and the public on available programs such as 'Energy Upgrade California' at Town Hall.</p>
<p><b>3.1.5 Goal: Promote PG&amp;E Commercial and Industrial Energy Efficiency/Demand Response Programs</b>                      Town to promote and assist with marketing and outreach for PG&amp;E energy efficiency and demand response programs for the nonresidential sector. Leverage existing rebates/add additional rebates for energy efficient retrofits.</p>	<p>The Town provides information to applicants and the public on available programs such as 'Energy Upgrade California' at Town Hall.</p>

Measures:	Comments:
<p><b>3.1.6 Goal: Plant Shade Trees, and Continue to Preserve Significant Trees and Forest Lands</b></p> <p>Continue to promote shade trees during planning entitlement as described in the Building Design section of the Residential Design Guidelines (RDG), Sustainability section, and continue to protect Woodside's significant trees and forest lands.</p>	<p>Ongoing implementation of RDG recommendations for planting native trees. Woodside implements a Defensible Space and Home Hardening Matching Fund Program to encourage Woodside residents to create and maintain defensible space around their homes and the perimeter of their properties, which increases fire safety for both structures and the surrounding wooded environment. Since its inception, the Town has contributed approximately \$ 2.4 million in defensible space work on private properties within the community. Between 2017 and 2022, the Town spent approximately \$1.99 million on the program. With the help of the Fire District, which promotes the program through direct outreach, recent years have seen greater utilization. <u>In the 2023 Fiscal Year, the Town contributed \$634,449 to the Defensible Space and Home Hardening Matching Fund.</u></p>
<p><b>3.1.7 Goal: Energy Efficient Street Lighting</b></p> <p>Replace street, signal lights, parks and parking lot lighting with efficient lighting (LEDs, induction, etc).</p>	<p>The Town received a loan from PG&amp;E to install LEDs at both Town Hall and Barkley Fields. The Town is already saving 206 Kwh per month at Town Hall, and 167 kWh per month at Barkley Fields. The Town is using 50% less electricity at these locations. Additionally, the Town has three street lights on Farm Hill Blvd. In 2017, the Town upgraded the light fixtures to energy efficient LEDs with photocells.</p>
<p><b>3.1.8 Goal: Renewable Energy Installation on Municipal Property</b></p> <p>Complete a feasibility study on the installation of solar or other renewable energy projects at select Town facilities and install where feasible. The Town should complete these studies within 2 years of adopting the Climate Action Plan.</p>	<p>On September 11, 2018, the Town Council authorized the Town Manager to execute an agreement with Sage Renewables, Inc. to provide renewable energy consulting services for a feasibility study of a Town Solar Voltaic System and Electric Vehicle Charging Stations (Resolution 2018-7251). The Town executed an Amendment with Sage Renewables, Inc. to provide Renewable Energy Consulting Services to further evaluate feasibility of solar photovoltaic system and electric vehicle charging stations for Town facilities (Resolution No. 2019-7289). On October 27, 2020, the Town Council directed staff to pursue an agreement with PowerFlex to install four Level 2 charging stations, including the charging units, load management controller, mounting assembly, 5 years of network software, warranty, and permit drawings (TC Resolution No. 2020-7374). The EV Chargers were installed at Town Hall in 2021 (TC Resolutions No. 2021-7420 and No. 2021-7427).</p>

Measures:	Comments:
<p><b>3.1.9 Goal: Energy Efficiency in Municipal Buildings</b>                      Audit Town facilities for energy efficiency opportunities and implement energy efficient retrofits. The Town participates in San Mateo County Energy Watch and leveraged benchmarking to identify opportunities for energy efficient upgrades and track energy performance. Leverage other programs that provide funding.</p>	<p>Since 2015, the Town has installed new HVAC systems in Town Hall and Independence Hall. In 2016, the Town joined Peninsula Clean Energy and opted in for the 100% renewable energy product for all of its municipal accounts (<a href="http://www.woodsidesidetown.org/council/peninsula-clean-energy">http://www.woodsidesidetown.org/council/peninsula-clean-energy</a>). Also in 2016, the Town replaced the existing metal halide light fixtures in Town Hall with LED fixtures. The Town also installed more efficient water faucets, low flow toilets with automatic flushes, and LED fixtures within the restrooms at Town Hall and Independence Hall. The Town will explore conducting energy audits periodically.</p>
<p><b>3.1.10** Goal: Voluntary Real Estate Conservation Disclosure</b>                      Voluntary disclosure of energy use information at time of home sale.</p>	<p><b>No action has been taken on this measure.</b></p>

**3.1.11 Goal: Electric Vehicle (EV) Chargers**

Encourage the installation of electric vehicle chargers and use of electric vehicles to reduce GHG emissions. Comply with the State Building Code by supplying adequate electric service in new residential garage construction to serve electric vehicles.

The Town complies with the State Building Code requirement that new residential garage construction be supplied with adequate electric service for charging electric vehicles. According to the Town Building Official, most residents are installing 1-2 charging stations as part of new garage construction. Between January 1, 2022, and December 31, 2022, the Town 'finalized' 6 permits for electric vehicle charging stations (EV Chargers). Between January 1, 2023 and December 31, 2023, the Town 'finalized' 17 permits for electric vehicle charging stations. In October 2017, The Town Council directed staff to investigate the Town installing electric vehicle chargers at Town Hall and the Library, and developing a program to install charging stations on commercial properties. On September 11, 2018, the Town Council authorized the Town Manager to execute an agreement with Sage Renewables, Inc. to provide renewable energy consulting services for a feasibility study of a Town Solar Voltaic System and Electric Vehicle Charging Stations (Resolution 2018-7251). In 2019, the Town executed an Amendment with Sage Renewables, Inc. to provide Renewable Energy Consulting Services to further evaluate feasibility of solar photovoltaic system and electric vehicle charging stations for Town facilities (Resolution No. 2019-7289). On January 14, 2020, the Town Council considered a bid to install electrical vehicle charging stations at Town Hall and the library. Due to the high cost of the one bid received, staff recommended that this bid not be accepted. On October 27, 2020, the Town Council directed staff to pursue an agreement with PowerFlex to install four Level 2 charging stations at Town Hall, including the charging units, load management controller, mounting assembly, 5 years of network software, warranty, and permit drawings (TC Resolution No. 2020-7374). The Level 2 EV Chargers were installed at Town Hall in 2021. In 2019, the Planning Commission recommended that the Town Council amend the WMC to allow electric vehicle charging stations and natural gas fuel pumps within required setbacks (PC Resolution No. 2019-019). The Town Council amended the WMC to make these changes (Ordinance No. 2019-602).

### 3.2 Transportation and Land Use

Measures:	Comments:
<p><b>3.2.1 Goal: Walkable/bikeable Street Landscape</b>                      Continue to promote complete streets concepts (walking, biking, equestrian trails, hitching posts, bike lanes, bike parking, traffic calming, beautification, etc.) appropriate for the Town's rural setting, and recognizing the physical constraints of existing rights-of-way and easements including winding roads, adequate sight distance, and steep terrain.</p>	<p>The Circulation Committee's primary focus is on maintaining the existing public circulation network for all user groups, including pedestrians, and addressing issues related to public safety on this network. The Committee also works to prioritize improvements and new pathways and trails throughout this network.</p> <p>In 2013, the Town revisited the Town Center Plan with a resident task force. The single action item that came out of this exercise was improving circulation around the Town Center, particularly the Safe Routes to School. The Town hired Parisi &amp; Associates to prepare a Safe Routes to School Audit. The Town prioritized parts of a route, such as the improvements to the Woodside Pathway along Woodside Elementary School, based on the Safe Routes to School Audit. The Town's Capital Improvement Program includes funding over its five year period for Safe Routes to School projects.</p> <p>During 2016, the Town restriped Whiskey Hill Road which improved bike lanes. In 2018, the Town restriped all of Cañada Road within the Town (2 miles), to narrow vehicle lanes and widen bicycle lanes. On July 24, 2018, the Town Council approved plans and specifications for four safe routes to school improvements at Cañada Road/Romero Road, Cañada Road/Laning Drive, Mountain Home Road/Cedar Lane, and Woodside Road/Albion Avenue (Resolution 2018-7248). Three of the four projects were completed during 2018, and the improvements at Woodside Road/Albion Avenue were completed in early 2019. The Woodside pathway from the Woodside Elementary School to Roberts Market, including a crossing to "Woody the Fish", was also completed in 2019 (TC Resolution No. 2019-7320). The Town Council approved a contract for designing Phases 2 and 3 of the Glens Pathway project (TC Resolution No. 2021-7443). The Town Council also approved a contract for the design of the Woodside Road Median Island Beautification project within the Caltrans right-of-way just west of I-280 (TC Resolution No. 2021-7456). In 2021, the Town Council approved completion of Kings Mountain Road Safety Improvement Project. The project installed seven new bicycle pullouts, new microseal, new high visibility striping, and signage on Kings Mountain Road between Entrance Way and Town Limit (TC Resolution No.2021-7432).</p>

<p><b>3.2.2 Goal: Low Emission Government Vehicles</b>          Target purchase of new or conversion of existing government vehicles to more efficient vehicles.</p>	<p>Since 2005, the Town has purchased hybrid vehicles, and continues this practice. In 2021, the Town replaced both dump trucks with new dump trucks. In 2022, the Town authorized the purchase of a new Ford Escape Hybrid for the Town fleet to replace an older hybrid model.</p>
<p><b>3.2.3 Goal: Local Food</b>          Encourage the growth and consumption of local food by promoting local farmers' markets, food swaps, and community gardens.</p>	<p>The closest Farmers' Markets to Woodside is held every Thursday at Portola Valley Town Hall (summer: 2-6 p.m.; winter 2-5 p.m.). Farmers' markets at the Woodside Elementary School and 17285 Skyline Blvd. are not operating at this time.</p>

### 3.3 Solid Waste

Measures:	Comments:
<p><b>3.3.1** Goal: Set Higher Waste Diversion Rate Goal</b>                      Increase participation in recycling programs and ensure weekly collection of recyclables and organic waste. Explore group collection of animal waste. Explore setting a higher diversion rate goal and encouraging waste reduction.</p>	<p>As indicated in WMC Section 50.30 (G), the Town finds that except in unusual circumstances, it is feasible to divert an average of at least 60% of all construction and demolition debris from construction, demolition, and renovation covered projects. The Town participates in the annual chipper program with the Woodside Fire Protection District. The primary goal of the program is to reduce fire fuel. Additionally, brush is chipped back onto the site where it was generated, thereby reducing waste, and adding to mulch in the soil. In 2017, the Town replaced its water cooler with an on-demand supply system to eliminate the need to use and store plastic bottles. In 2021, the Town entered into an agreement with the County of San Mateo to establish an edible food recovery program (TC Resolution No. 2021-7458). The Town adopted Resolution No. 2022-7474, which authorized the Town submit applications for all CalRecycle grants to increase efforts to reduce, recycle and reuse solid waste generated in the state thereby preserving landfill capacity and protecting public health, safety, and the environment. In 2022, the Town began to implement SB 1383 to provide several tons of organic compost at Town Hall to residents.</p>
<p><b>3.3.2 Goal: Environmentally Preferred Purchasing Policy - Waste Reduction</b>                      Implement a Town sustainable purchasing policy that emphasizes recycled materials. Prepare a purchasing policy that defines cost not to exceed a certain additional percentage.</p>	<p>The Town Council adopted Resolution 2016-7132, which established an Environmentally Preferred Purchasing Policy for the Town. In 2022, the Town implemented SB 1383 to purchase recycled-content paper products that are recyclable for Town Hall and Independence Hall.</p>
<p><b>3.3.3 Goal: Reduce Waste at Point-of-Purchase</b>                      Encourage ways to reduce waste at point-of-purchase.</p>	<p>The Town limits the number of plan sets required for early submittals to avoid paper waste. Streamlining the planning process and creating the ASRA process have worked to reduce both the number of meetings and the number of agenda packets required. The printer paper used at Town Hall is certified as being part of a Sustainable Forestry Initiative. The Town further streamlined project review by eliminating the ASRA process (except for Wireless Communication Facilities) in favor of staff review (PC Resolution No. 2019-019).</p>

\*\* Highest Priority Measures

**3.4 Water**

Measures:	Comments:
<p><b>3.4.1** Goal: Water Conservation Incentives and Requirements</b>                      Promote existing and/or new rebates for water efficient appliances and fixtures. Continue to promote drought tolerant and native landscaping, efficient irrigation systems, and grey water/ rain water collection systems; during planning entitlement as described in the Woodside Residential Design Guidelines, Landscape Elements, Sustainability section. Implement Resolution No. 2015-7048, the Town's endorsement of the California Water Service Company's regulations, and continue to implement the State WELO program.</p>	<p>On February 23, 2016, the Town formally adopted the State's 2015 Model Water Efficient Landscape Ordinance (WELO). The Ordinance requires that applicants proposing new residential landscape projects over 500 square feet, and all retrofit residential landscape projects over 2,500 square feet, plant water efficient landscaping, limit turf to 25%, monitor water usage based on an established water budget, and install efficient irrigation systems that meet national standards. Additional provisions apply to residential landscapes over 5,000 square feet, and commercial landscapes over 1,000 feet. Additionally, the Town Council added the requirement to cover new pools and spas.</p> <p>The Town's Residential Design Guidelines (RDG) encourage sustainable landscape design, incorporating greywater and rainwater collection, and gravity drip irrigation. The Town has worked with Cal Water to achieve required reductions in water use and publicized drought restrictions on the Town's website.</p> <p>In October, 2017, the Town removed turf and installed native, drought-tolerant landscaping in front of Town Hall to reduce water use. The Town also approves rain water collection systems and cisterns as part of the development of residential properties; however, these systems are not yet tracked independently, as these systems are one possible component of a Site Development Permit.</p>

**3.5 All Sectors**

Measures:	Comments:
<p><b>3.5.1 Goal: Green Business Program</b>                      Establish a voluntary program that allows businesses to brand themselves as green by following sustainable practices.</p>	<p><b>No action has been taken on this measure.</b></p>