



Sunnyvale

DRAFT

Climate Action Playbook Annual Update for FY 2023/24

April 21, 2025

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Agenda





FY 2023/24 Annual Update

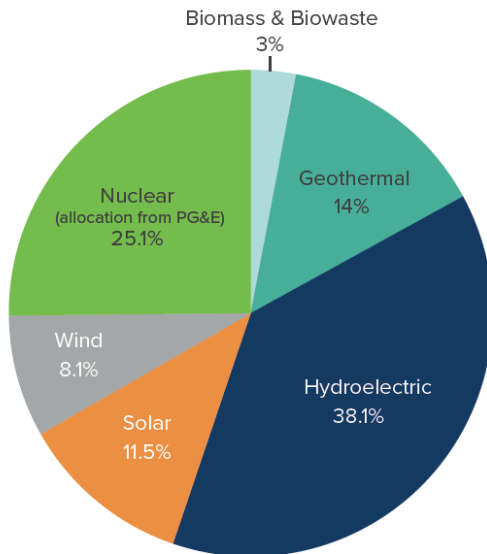
FY 2023/24 Annual Update

Strategy 1 Key Accomplishments

Move 1.A

Continue to support and steer SVCE in providing clean power and decarbonization programs.

GreenStart
Power Mix 2023



Metrics

In 2023, SVCE invested \$3.6 billion in clean and renewable projects

96% of households and businesses receive clean electricity in Sunnyvale

\$779,290 in SVCE rebates claimed by Sunnyvale residents for electric home upgrades

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Strategy 2 Key Accomplishments

Move 2.D

Develop an engagement and incentive program to accelerate the adoption of all-electric appliances.

Electrify Your Life: Bay Area Resources and Rebates



Wednesday, March 6
7 to 8 p.m.
Sunnyvale Public Library

Learn how you can
transform your living
space into a healthy and
energy-efficient home.

Supported by the Silicon Valley Clean Energy Decarbonization Demonstration Grant.

Metrics

101 HPWH Installs

130 HP HVAC Installs

Five Electrify Your Life Series Events

324 Cool Cooktops Kit Uses

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Strategy 3 Key Accomplishments

Move 3.D

Update and implement the Active Transportation Plan to achieve a connected, safe and active network.

Move 3.E

Continue to evaluate the shared bicycle and scooter pilot program for potential as a permanent program.



Metrics

~ 90 miles of proposed bikeway projects
~ 34 miles implemented

13 current Bike/Ped safety projects

Began Mathilda Bike Lane Study and East Channel Trail Master Plan

Launched Bird scooter pilot program

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Strategy 3 Key Accomplishments

Move 3.L

Continue implementing the Drive Electric Program and providing resource to assist and encourage community adoption of electric vehicles.

Move 3.M

Electrify the Municipal Fleet as existing vehicles need replacement and install electric vehicle infrastructure at municipal properties to support the electric fleet.



Metrics

369 Webinar attendees

525 Test Drives

Installed four Beam EV Arc Chargers

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Strategy 4 Key Accomplishments

Move 4.A

Implement campaigns for waste prevention.

Move 4.N

Implement the City's Green Stormwater Infrastructure Plan.



Metrics

Six winners of the middle school FoodCycle Art Contest

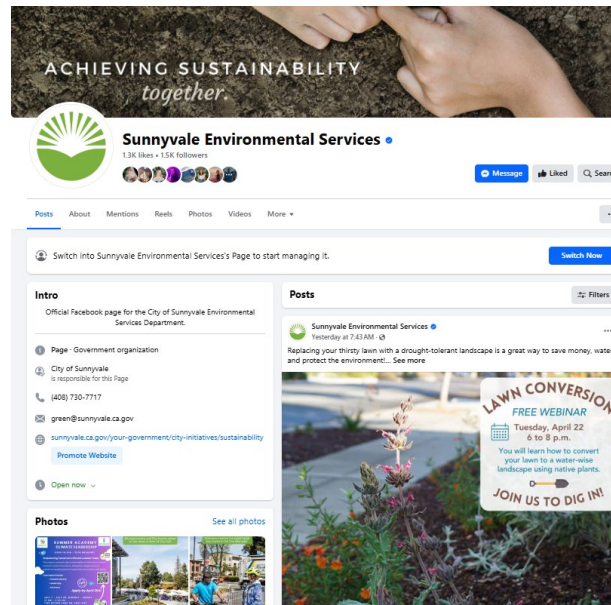
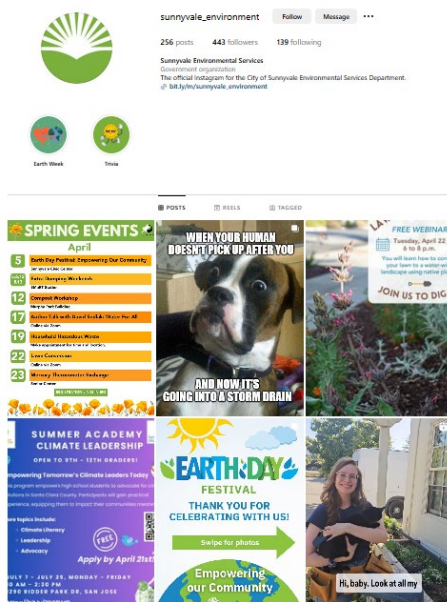
1,520 acres of GSI installations to-date

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Strategy 5 Key Accomplishments

Move 5.B

Create a stronger social media and web presence for Sunnyvale climate action.



Metrics

Launched ESD Instagram

288 Followers on IG

1.3K Page Visits on IG

3.8K Page Visits on FB

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Strategy 5 Key Accomplishments

Move 5.C

Implement the Sustainability Speaker Series.

Move 5.F

Create demonstration projects within City operations to educate the community on ways to reduce emissions by leading by example.

A SUSTAINABILITY SPEAKER SERIES EVENT
WATER IN A CHANGING CLIMATE THEME

DROUGHT, ATMOSPHERIC RIVERS AND FLOODS, OH MY!

WEBINAR ON
WEDNESDAY, JAN. 24, 2024



SPEAKERS

Christine Shields
Project Scientist, National Center for
Atmospheric Research
&
Erik Porse
Director of the California Institute for
Water Resources



CLIMATE ACTION PLAYBOOK STRATEGY 6:
ADAPTING TO A CHANGING CLIMATE



Metrics

176 attendees at three SSS Events

Civic Center Modernization
Lakewood Branch Library
Fire Station 2

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Strategy 5 Key Accomplishments

Move 5.G

Continue to develop and implement educational programs at the Sunnyvale Public Library that focus on environmental and sustainability topics

Move 5.I

Publish annual greenhouse gas (GHG) inventory.



Metrics

27 Sustainability-themed Programs at Sunnyvale Public Library

2021 GHG Emissions:
33% below 1990 levels

2022 GHG Emissions:
26% below 1990 levels

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Strategy 6 Key Accomplishments

Move 6.E

Update existing emergency preparedness and response plans to address climate-related impacts such as heat events, air quality issues and flooding.

DPS completed emergency preparedness and response plans to address climate-related impacts



FY 2023/24 Annual Update

Moves Status

84% of Moves On Track

Status	FY 2023/24 Moves
Complete or Ongoing	16
In Progress	16
Delayed/Off-Track	6
On Hold	0
Total Moves Scheduled for FY 2023/24	37

FY 2023/24 Annual Update

Grants

1. Climate Pollution Reduction Grant (CPRG)
 - ◆ **Planning Grant** – County of Santa Clara
 - ✓ Applied; awarded
 - ◆ **Implementation Grant** – Joint application with the cities of San Jose, Sunnyvale, Mountain View, Cupertino, Morgan Hill, SPUR, Prospect Silicon Valley and SVCE for public facility resilient infrastructure projects
 - ✓ Applied; not awarded

FY 2023/24 Annual Update

Earth Day 2024





Thank you!