

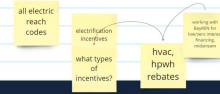


Buildings & Energy

Transition to clean renewable energy sources and reduce energy consumption.

Strategy B1: Shift to electric fuels in new and existing buildings to achieve net-zero carbon buildings.

- B-1-1 Electrification incentives & financing
- B-1-2 Electrification outreach for commercial and residential energy upgrades
- B-1-3 Electric panel upgrades upon sale/turnover
- B-1-4 Municipal Electrification Action Plan
- B-1-5 Reach Codes for new construction
- B-1-6 Burnout Ordinance
- B-1-7 Carbon neutral data centers



Strategy B2: Improve energy efficiency.

- B-2-1 Municipal energy retrofits
- B-2-2 Free home-energy upgrades for qualifying residents
- B-2-3 Energy-efficient and electric-ready building code
- B-2-4 Distributed energy resource pilots

require cool roofs?

Strategy B3: Maximize renewable energy generation and storage capacity.

- B-3-1 SVP Integrated Resource Plan (IRP) for renewable electricity
- B-3-2 City-owned renewable energy projects
- B-3-3 Renewable installations at municipal facilities
- B-3-4 Renewable energy generation and storage on private property
- B-3-5 Local grid resiliency and energy storage improvements
- B-3-6 Alternative fuel backup generators
- B-3-7 Renewable electricity for new data centers

SVP electricity rate for EVs

energy arbitrage



Materials & Consumption

Increase diversion of waste from landfills, reduce communitywide waste generation, and reduce the upstream GHG impacts of consumption.

Strategy M1: Increase waste diversion.

- M-1-1 Compliance with state solid waste ordinances
- M-1-2 Waste diversion pricing signals

curbside food waste recycling

challenge of dirty recyclables

use less in the first place

promote backyard composting

Strategy M2: Reduce landfilled food waste.

- M-2-1 Technical assistance to top food generators
- M-2-2 Food recovery and donation
- M-2-3 Food recovery organization partnerships

Strategy M3: Enhance sustainable production and consumption.

- M-3-1 Reuse of salvageable building materials
- M-3-2 City property consumption and waste diversion
- M-3-3 Municipal Sustainable Procurement Policy
- M-3-4 Carbon-smart building materials
- M-3-5 Low-carbon schools

insulation in schools

refrigerators have higher GWP phase out

embedded carbon carbon sales for consumer vs. producer

help take tax to support program

educational programs about recycling in schools



Community Resilience & Wellbeing

Ensure Santa Clara is prepared and can withstand climate and non-climate emergencies, focusing on those at highest risk.

Strategy C1: Improve community resilience.

- C-1-1 Community resilience networks
- C-1-2 Support for people experiencing homelessness
- C-1-3 Community climate action grant
- C-1-4 Incentives for adaptation upgrades

Strategy C2: Prepare for climate change.

- C-2-1 High-hazard development restrictions
- C-2-2 On-site and natural stormwater systems
- C-2-3 High-albedo parking lots
- C-2-4 Climate Resilience Capital Improvement Program (CIP)
- C-2-5 Planned retreat strategies



Transportation & Land Use

Transition to clean and efficient mobility options and transportation modes while maintaining accessibility and mobility for all.

Strategy T1: Transition vehicles to electric alternatives.

- T-1-1 Implementation of EV Blueprint
- T-1-2 Multi-family EV chargers
- T-1-3 EV chargers at single family and two-family townhomes
- T-1-4 Commercial EV chargers
- T-1-5 Office EV chargers
- T-1-6 Electrification of municipal fleet
- T-1-7 Heavy duty electric trucks
- T-1-8 Municipal charging infrastructure

focus on charging accessibility and power levels 1 and 2

consider hydrogen vehicles?

SVP rebates

air quality concerns

Strategy T2: Expand clean mobility options and use of non-SOV transportation modes.

- T-2-1 Pedestrian and Bicycle Master Plan
- T-2-2 Curb management improvements
- T-2-3 Bike and shared mobility improvements
- T-2-4 Transit gap and improvement study

locate schools in neighborhoods to take car walk

car to transit and to transit, increasing the convenience

focus on BMT reduction rather than EVs

most are already in use, focus, density, parking, strategies

Strategy T3: Advance sustainable land use

- T-3-1 TDM plan requirements
- T-3-2 Sustainable development in underutilized non-residential areas
- T-3-3 Transit-oriented development
- T-3-4 Telework

rezoning

incentives for corporations to encourage transit network

employees with over 500 employees encourage transit to 10%



Natural Systems & Water Resources

Foster nature-based solutions, climate-resilient natural landscapes, and help store more carbon in trees and soils. Conserve community water resources by maximizing water efficiency to ensure a secure and sustainable water supply in the face of climate change.

Strategy N1: Increase tree canopy cover.

- N-1-1 Right-of-way tree planting
- N-1-2 Support private property tree
- N-1-3 Urban forest partnerships
- N-1-4 Tree maintenance, replacement and plantings

city tree maintenance

urban forest alliance

Strategy N2: Enhance ecosystem resilience.

- N-2-1 Carbon farming on open space lands
- N-2-2 Partnerships for compost management
- N-2-3 Sustainable planting guide
- N-2-4 Sustainable park management

Strategy N3: Improve water supply and conservation.

- N-3-1 Water conservation rebates
- N-3-2 Fixture replacements
- N-3-3 Water data accessibility
- N-3-4 Water-efficient landscaping requirements
- N-3-5 Community water portfolio diversification
- N-3-6 Recycled water connection requirements

opportunities for permeable pavement

concerns about vehicle pollutants

grey water for home gardens incentive

Santa Clara Valley water district rebate

regional collaboration with County

water reduction and water conservation

electrification rebates/shown trees

extend purple pipes

ingate city landscapers with recycled water