



Sustainability & Green Plan Update

September 7, 2023

Sustainability & Green Plan Summary

SCCS has developed & implemented the following measures:

Completed:

- New high efficiency HVAC at Bay View ES, Branciforte MS, DeLaveaga ES & Harbor HS
- New building automation systems at Admin/ Soquel HS, Bay View ES, DeLaveaga ES, Gault ES, Harbor HS & Westlake ES
- Partial LED lighting modernization at all sites
- Solar Photovoltaic (PV) parking structures in existence

Sustainability & Green Plan Summary

SCCS has developed & is currently implementing the following measures:

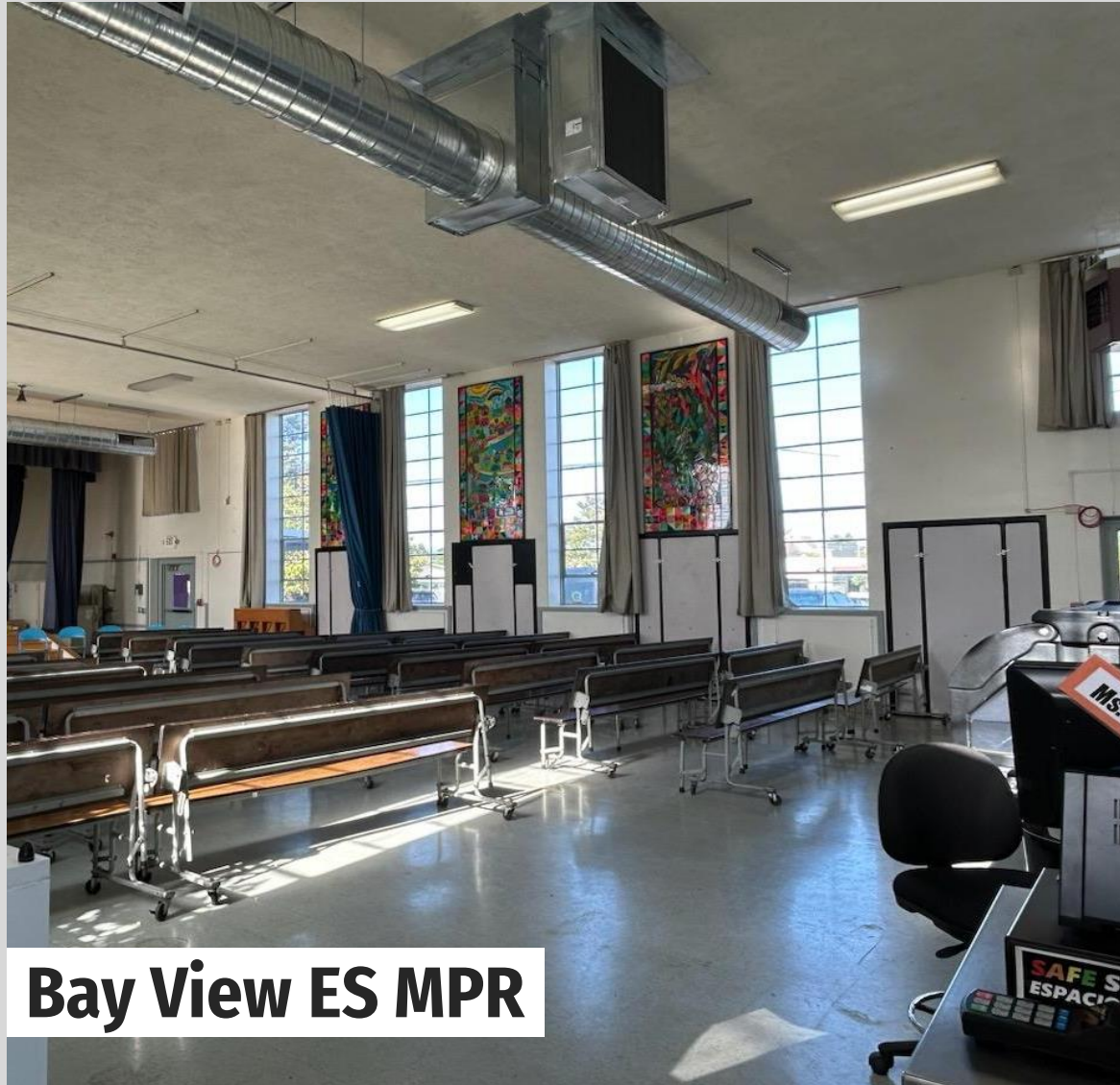
Currently Underway:

- Additional new high efficiency HVAC units at M&O
- Add high efficiency HVAC units to unconditioned spaces at Bay View ES & DeLaveaga ES
 - Offset by new solar PV
- Integrate building automation systems at Bay View ES & DeLaveaga ES
- New solar PV shade structures at Bay View ES, Branciforte MS, DeLaveaga ES & Gault ES



New A/C, Energy Efficiency & Additional Solar Underway

New A/C & Ventilation



Bay View ES



Bay View ES | Net Zero Energy Site



Projected to accomplish Net Zero Energy with solar PV installations.



DeLaveaga ES



Branciforte MS

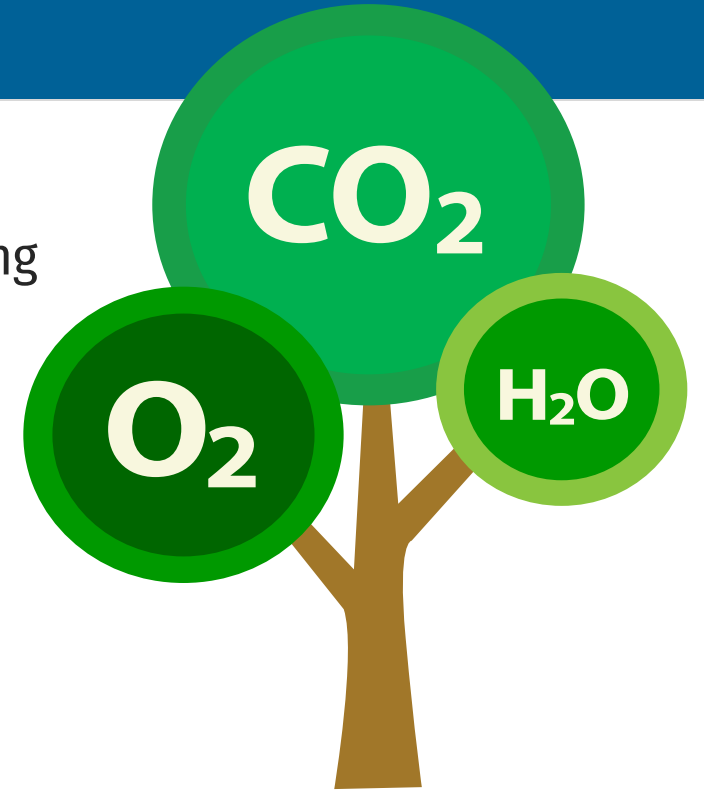


Environmental & Green-House-Gas (GHG) Emissions Impact



9,601 TONS CO₂ REDUCED SINCE 2014*

District set to avoid an additional 1,851 tons CO₂ annually following current program (Climatec Phase IV) implementation



Cumulative environmental impact equivalencies since 2014*:



1,938

Cars removed from the roadway



980,070

Gallons of gasoline saved



1,695

Santa Cruz homes powered



160,189

Trees preserved from deforestation

*Includes all sustainability efforts thru July 2023

Future Initiatives/Opportunities

- Comprehensive GHG Emissions Study
- Additional Solar PV Shade Structures
- Remaining Interior/Exterior LED Lighting
- Remaining LED Sports Field Lighting
- Renewable Energy/ Fuel Cells
- Battery Energy Storage
- Infrastructure Electrification (i.e. Pool heating, furnaces, etc)
- Trash Compactors
- Educational Integrations (i.e. classrooms, STEM, etc)



Community Engagement | Fall 2023

Inform

- Press Releases
- Ribbon Cutting
- Dedications
- Ground-Breaking
- Sustainability Website



Involve

- District Events
- Local Fairs
- Career Days
- Walking tours with local leaders & community members



Inspire

Promote student citizenship while inspiring the community to think critically and creatively about energy efficiency.

