

Peninsula Clean Energy

Update for South San Francisco City Council

Jan Pepper, CEO

March 8, 2023



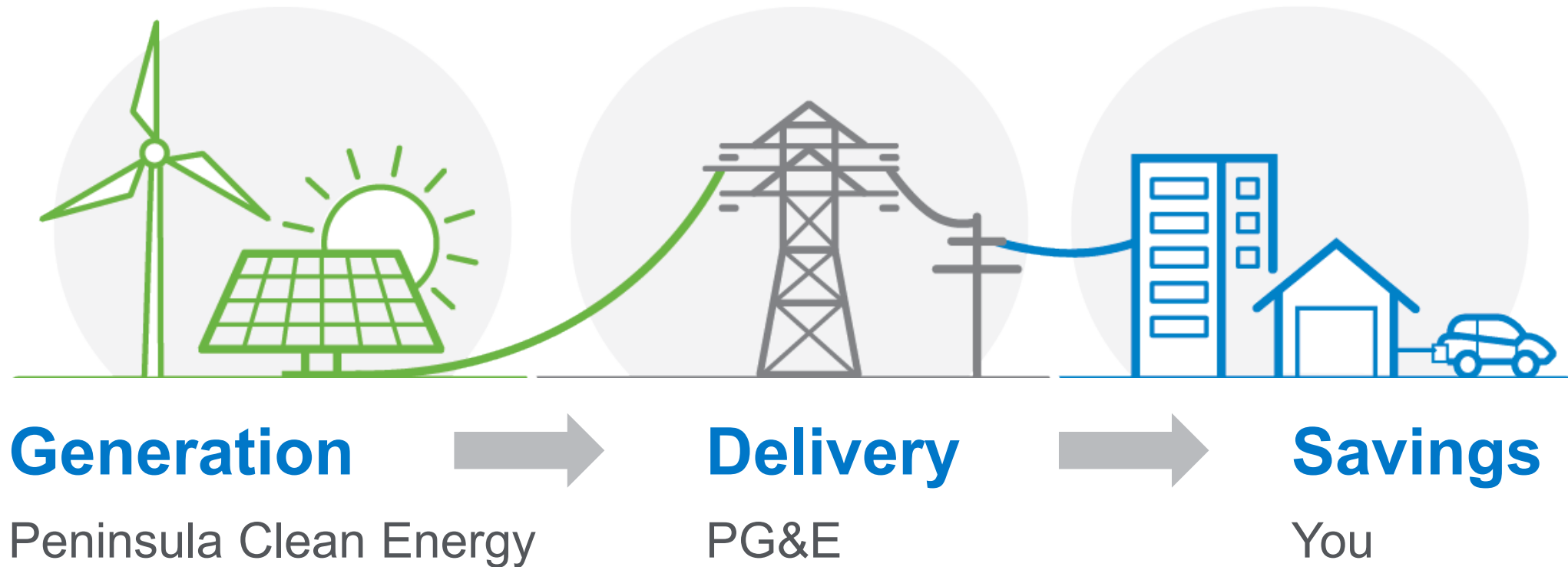
What is Peninsula Clean Energy?

- Community choice energy not-for-profit public agency
- JPA launched in 2016
- Each city council in San Mateo County, including South San Francisco, and the County Board of Supervisors, voted **unanimously** to join in 2016



Members of Peninsula Clean Energy's founding Board of Directors in 2016

How it works



96% of electricity customers use
Peninsula Clean Energy in South San Francisco

Energy choices for South San Francisco

ECOplus

- ✓ Automatically enrolled
- ✓ 50% renewable
- ✓ 100% carbon-free
- ✓ **5% lower rates than PG&E**

ECO100

- ✓ Upgrade choice
- ✓ 100% renewable
- ✓ Only about \$4 more per month for average consumer



South San Francisco continues to take action on climate change while saving money!



\$11.7M in savings
for South San Francisco customers
since 2016

98% reduction
in greenhouse gas emissions from
electricity compared to 2016

Clean energy – 50% renewable, 100% clean



Renewable: solar, wind, geothermal, small hydropower

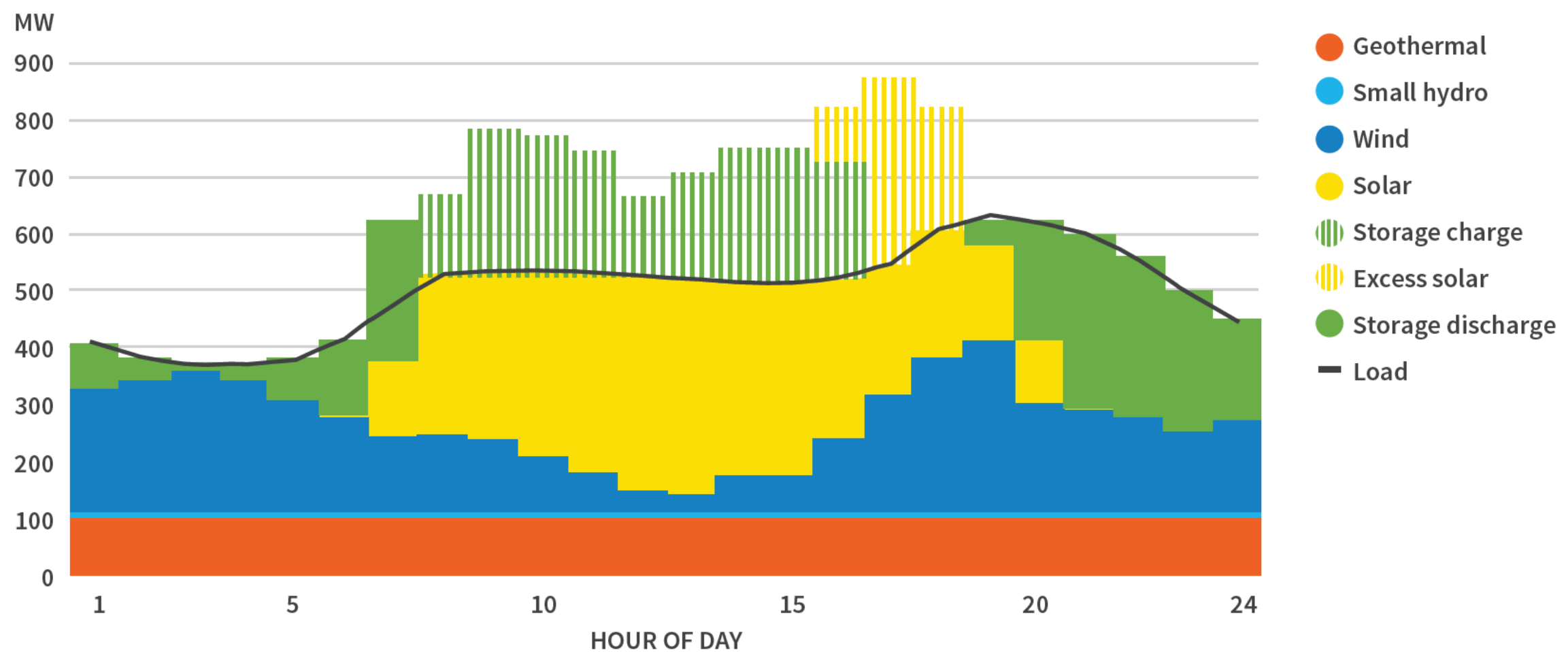
Clean: large hydropower

Our 24/7 renewable power goal



**Cost-effectively deliver
100% renewable energy
in every hour of every
day for our 310,000+
customers by 2025**

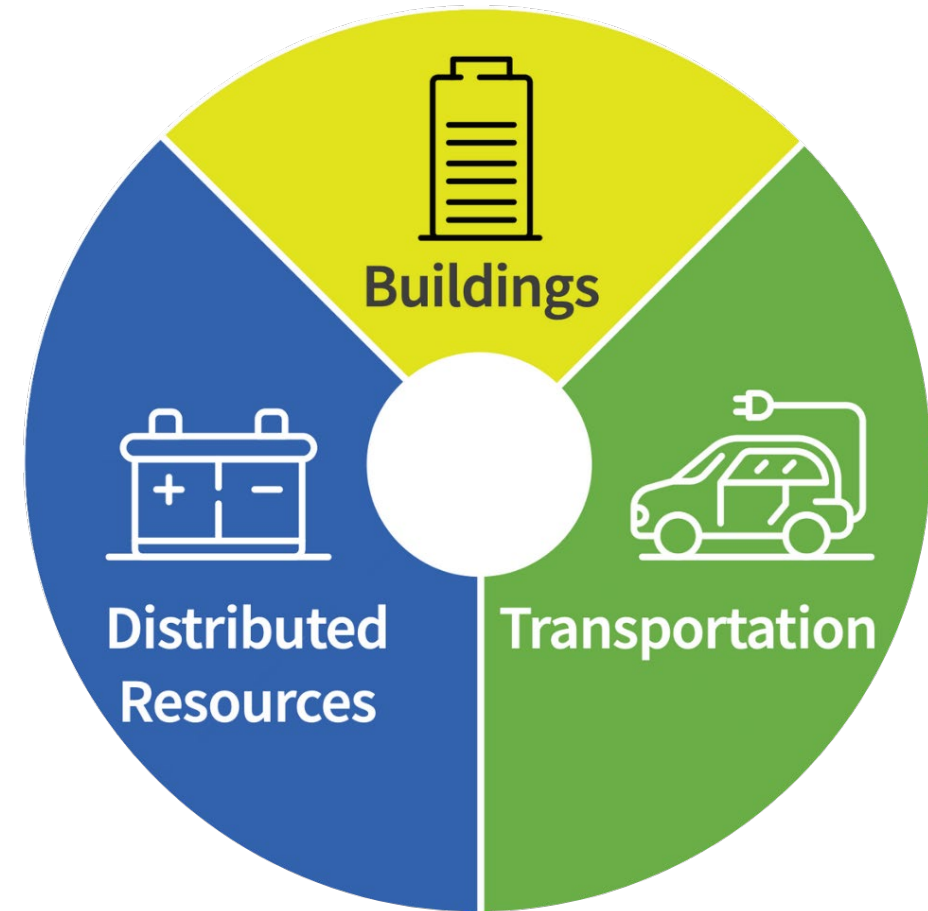
Getting to 24/7: Procure Renewable Energy and Use Storage to Shift Renewable Energy Timing



Note: Does not represent Peninsula Clean Energy's Actual Portfolio

Partnering with communities to go 100% GHG-free

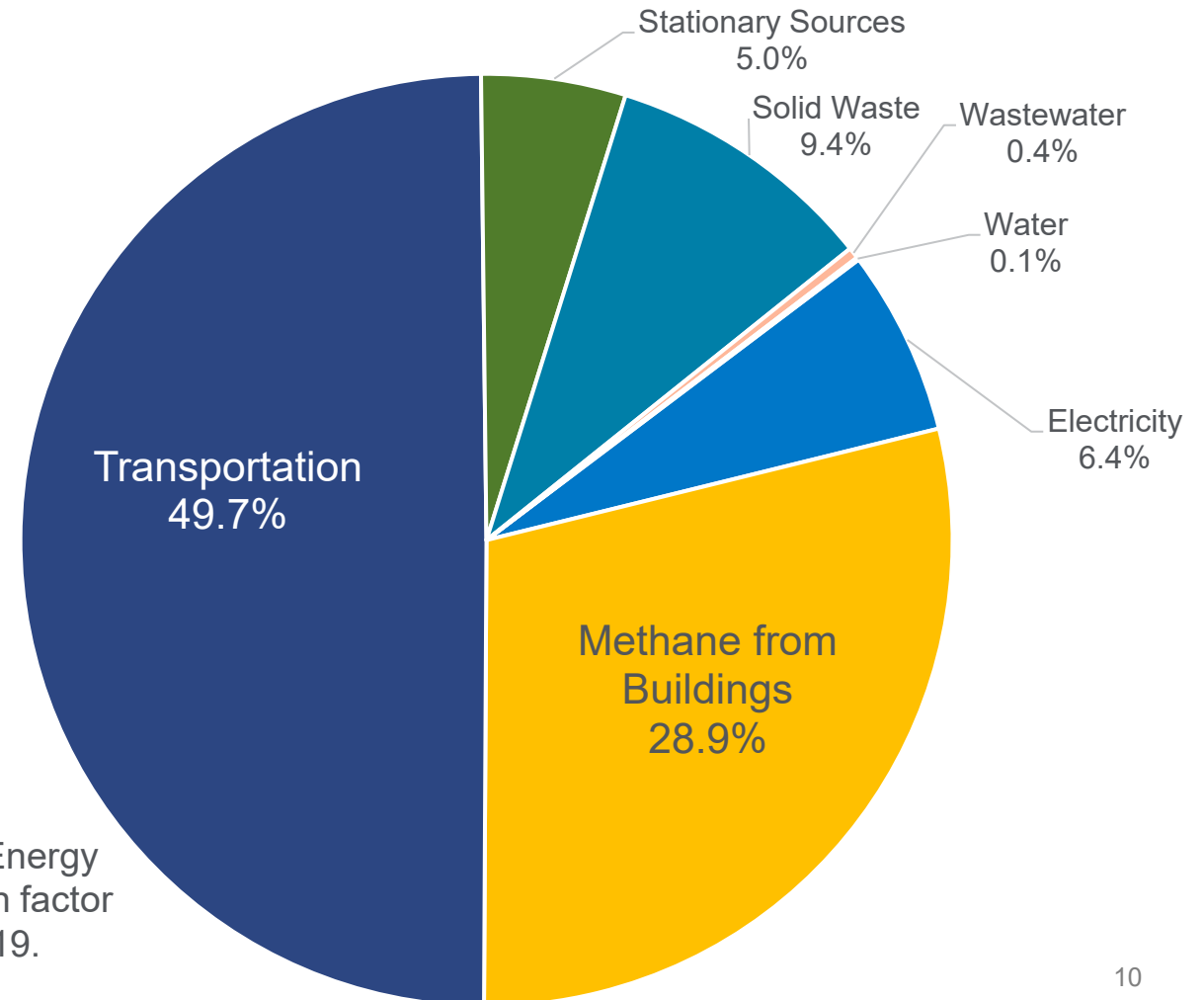
Make electricity as clean as possible...
and electrify everything.



Community-wide emissions

- 2019 greenhouse gas inventory for San Mateo County
- Focus on moving off fossil fuels in **transportation and buildings**

San Mateo County-Wide 2019 GHG Emissions



Note: Peninsula Clean Energy has reduced its emission factor by another 4% since 2019.

Reach Codes

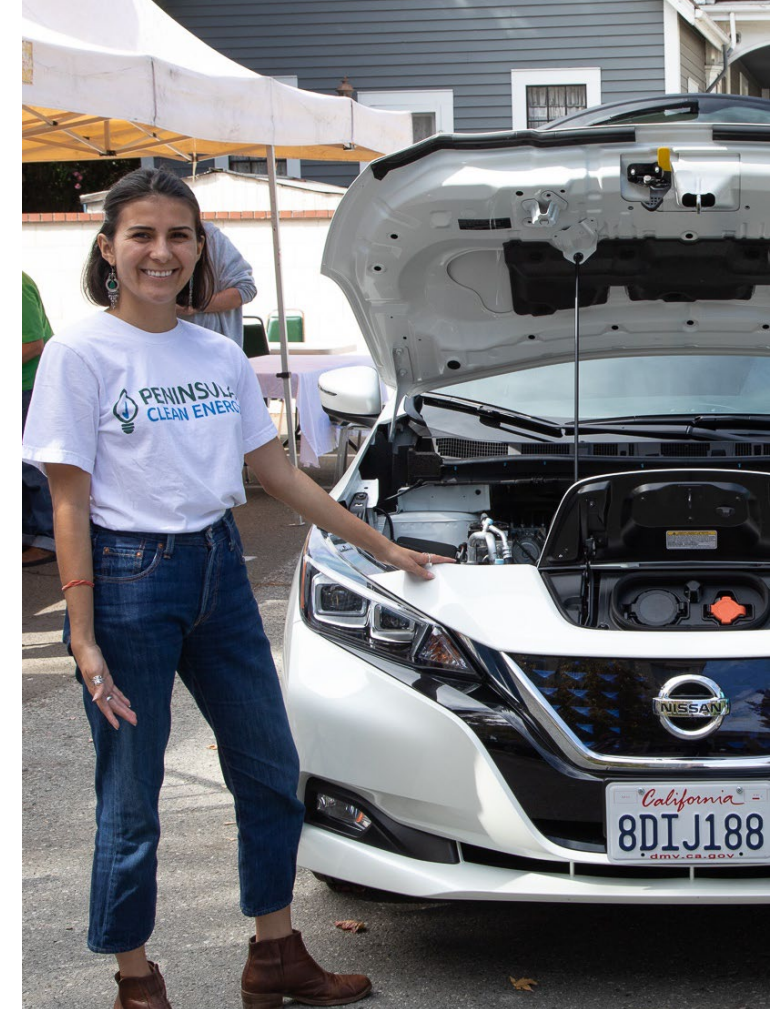
- 18 cities in San Mateo County, including South San Francisco, have adopted reach codes
- Electrification of buildings is a key opportunity to reduce emissions
- We partner with cities to provide technical assistance & model codes



Programs to support our community

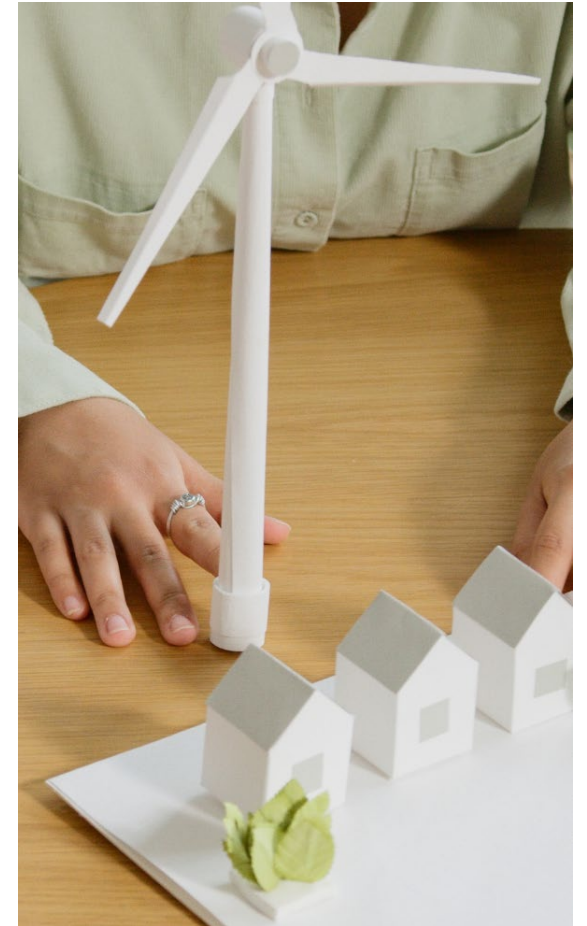
- Electric Vehicles & Charging Infrastructure
- Electric Bicycles
- Solar + Battery Storage
- Electric Water Heaters
- Home Upgrades

[PenCleanEnergy.com/
community-programs](https://PenCleanEnergy.com/community-programs)



Partnering with schools

- Our partnerships enhance energy literacy in the classroom and empower students to contribute to climate action
- **505 Students served in 2021 and 2022***
 - 503 students who received sustainability curriculum from participants of the Teacher Fellowship and who attend schools in the South San Francisco Unified School District
 - 2 Youth Climate Ambassadors



* in the South San Francisco Unified School District
Peninsula Clean Energy

All-electric highlights in South San Francisco

- 138 EV Ports to be constructed in South San Francisco are currently in the pipeline
- 2 South San Francisco residents currently serve on our Citizens Advisory Committee



Additional partnerships with South San Francisco

- Membership on Peninsula Clean Energy's Board of Directors: Councilmember James Coleman is our Director representing South San Francisco and Mayor Flor Nicolas is our South San Francisco Alternate Board Member
- Former South San Francisco Mayor Pradeep Gupta has served as a Director Emeritus



Thank you!

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PenCleanEnergy.com

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