



Staff Report Item 14

To:	Ava Community Energy Authority
From:	Howard Chang, Chief Executive Officer
Subject:	Ava Impact Report
Date:	April 15, 2026

Recommendation

Receive an overview presentation on the inaugural Ava Impact Report

Analysis and Context

The Ava Impact Report provides city councils, municipal partners, and other policy makers with background information about Ava Community Energy and key achievements since we started service in 2018. It is an educational tool for individuals not already familiar with the Community Choice Aggregator (CCA) concept in general and Ava in particular.

Ava staff are actively working to schedule presentations with member jurisdictions to share the content of the Impact Report, as well as more detailed metrics specific to your city or county. Our goal is to inform other members of local governing bodies about the work done at Ava and the contributions it makes to local economic development and community impact.

The content of the Impact Report includes:

- Ava at a Glance
- Who We Serve
- Electricity Generation Service
- Our Power Supply
- Customer Programs
- Public Infrastructure & Municipal Support
- Community Reinvestment
- Legislative and Regulatory Advocacy
- Financial Sustainability

Attachments

- A. Ava Impact Report
- B. Presentation



Impact Report

Serving our communities since 2018

Published March 2026



INTRODUCTION

A Message from the CEO

When Alameda County commissioned a feasibility study in 2015 to explore community choice aggregation, the question was whether public electricity service could work for our communities.

More than a decade later, the answer is clear.

As of March 2026, Ava Community Energy (Ava) serves a population of over 2 million: approximately 761,000 customer accounts across 18 member jurisdictions in Alameda and San Joaquin Counties. Service to unincorporated San Joaquin County will begin in May 2026. We're one of California's largest community choice aggregators (CCA), generating over 7,346 gigawatt-hours (GWh) of retail electricity load annually.

Our service area represents California's diversity. It spans urban centers and agricultural communities, high-tech industry and manufacturing, residential neighborhoods and commercial corridors. Among our customers, approximately 21% participate in income-qualified programs (CARE or FERA), 14% have installed solar systems, and 22% drive electric vehicles. Serving all these customers requires us to show up a little differently for each one, understanding different priorities rather than imposing one-size-fits-all solutions.

Ava was founded so our local communities could have a choice over where their electricity comes from and where their money goes. As a not-for-profit public agency, we aren't beholden to shareholders; we answer only to the residents, businesses, and local governments that make up our member jurisdictions. This accountability to our communities shapes everything we do.

Since launching service in 2018, Ava has helped add 2,452 megawatts (MW) of new renewable generation

and storage capacity to the grid. We've adopted the goal of providing 100% carbon-free electricity to all customers by 2030—fifteen years ahead of the state mandate. We've saved customers over \$183 million on their electricity bills relative to PG&E.

Our impact also shows up in our commitment to customer programs and community reinvestment. Whether we're helping build rooftop solar projects in disadvantaged communities, distributing thousands of e-bike rebates, or sponsoring a beloved local organization, everything we do brings us closer to a brighter future and helps ensure no one gets left behind in the clean energy transition.

The energy transition is complex. Procuring renewable energy, designing customer programs, and navigating a dynamic regulatory environment requires significant expertise, innovation, and discipline. What customers experience should be straightforward: reliable service, competitive rates, and investment that makes our communities healthier and stronger.

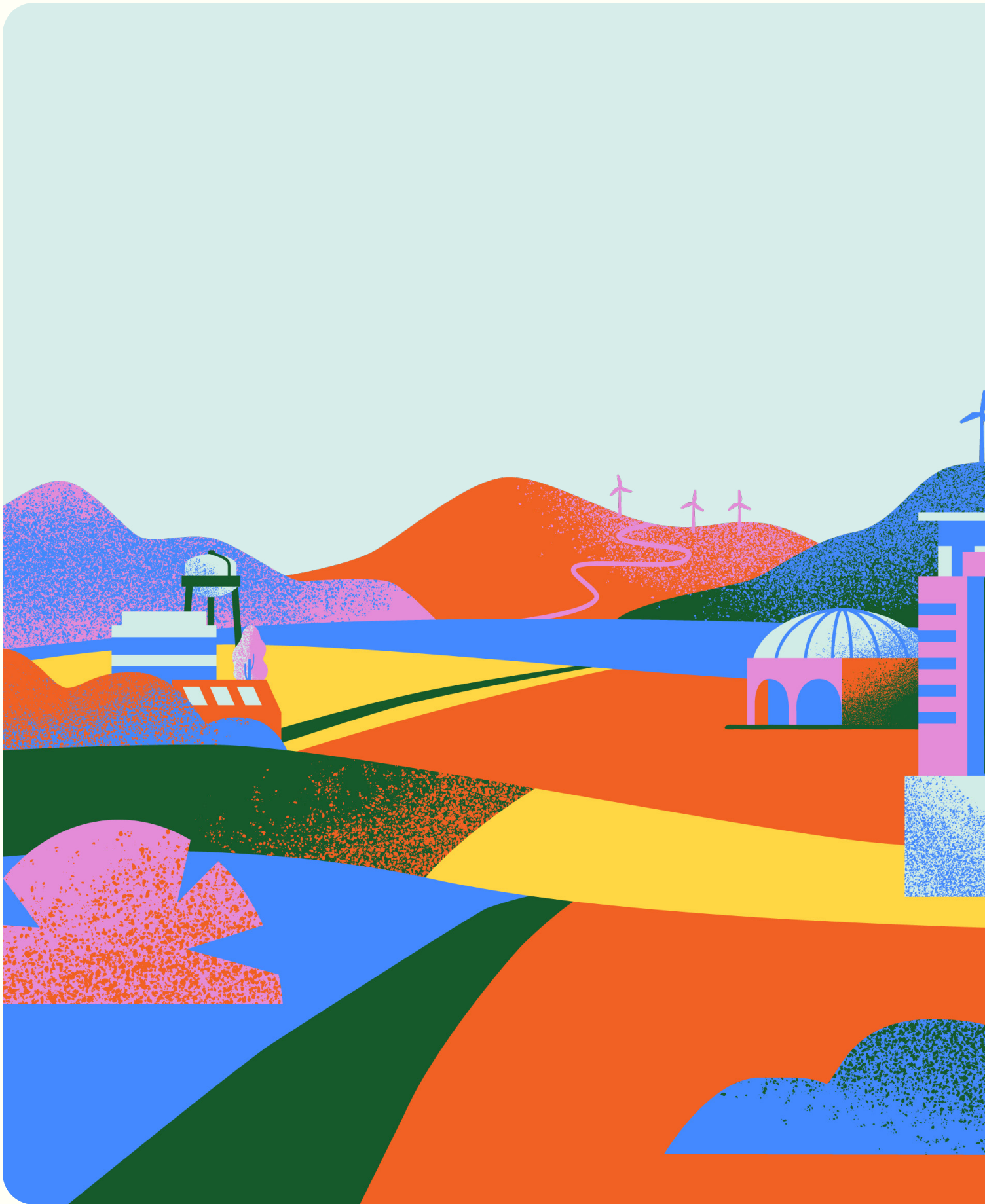
That's the promise of community choice energy. The pages that follow show what we've built together, where we're heading, and how we're fulfilling our mission.

Thank you for your support of this work.



A handwritten signature in black ink that reads "Howard Chang". The signature is fluid and cursive, written in a professional style.

Howard Chang
Chief Executive Officer
Ava Community Energy



Executive Summary

Purpose

This report provides key highlights of Ava Community Energy's operations, service, and performance since beginning to enroll customers in 2018. It serves as a resource for Board members, city officials, community partners, customers, and other stakeholders who want to understand the full scope of Ava's work and impact.

What's Inside This Report

The report covers four major themes:

- **Mission and Operations:** How Ava functions as a public agency, the diverse communities we serve, and how local elected officials guide our work through transparent governance.
- **Renewable Power:** How we procure renewable energy and manage wholesale market operations, plus our virtual power plant strategy for coordinating batteries, electric vehicles, and other distributed resources to enhance reliability and reduce costs.
- **Community Investment:** How we reinvest in our service area through customer programs, public infrastructure projects, grants, sponsorships, and more, ensuring the energy transition benefits everyone.
- **Policy and Financial Stewardship:** Our principles for protecting affordability and advancing clean energy policy, plus the financial strategies that enable rate stability and operational resilience.

How to Use This Document

This report is designed for flexible navigation. You can read it sequentially for a complete picture of Ava's operations, or jump directly to sections relevant to your interests. Each section provides context for how we approach our work, the results we've achieved, and where we're headed.

This report will be updated periodically as our impact evolves.

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Ava at a Glance

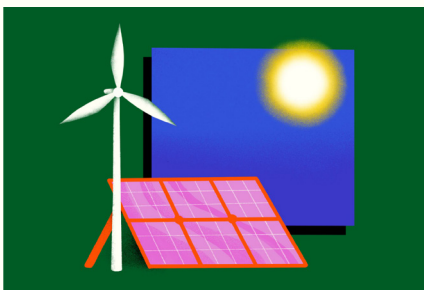
About Us

Ava Community Energy (Ava) is a community choice aggregator (CCA), a public electricity provider committed to providing clean energy, competitive rates, and community investment to Alameda and San Joaquin Counties.

Ava is the default provider of electricity generation service for all customers in the cities and counties we serve. Per state law, customers are automatically enrolled in Ava's service and are billed by PG&E.

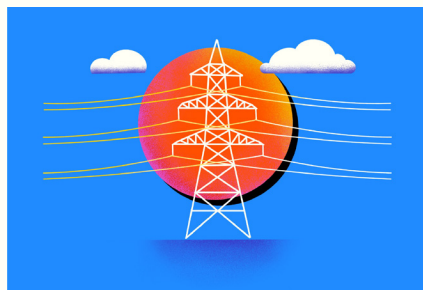
Ava was formed as a Joint Powers Authority (an independent local government agency) and is made up of 18 city and county members. Ava does not have shareholders, nor does it rely on tax dollars. Instead, Ava reinvests energy utility revenue back into the community through customer programs, grants, sponsorships, and bill savings.

How It Works



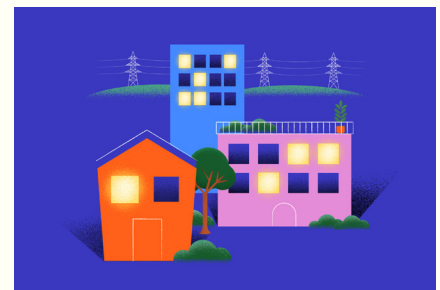
1. Ava generates clean power

Ava develops and contracts with clean power plants to add more renewable energy to the grid. Electricity flows through California's transmission infrastructure to local distribution lines.



2. PG&E delivers the power

Electricity is delivered through PG&E's transmission and distribution infrastructure. Customers continue paying PG&E for delivery, but no longer pay PG&E for generation.



3. Customers receive cleaner power and local benefits

The community benefits from more renewable energy, competitive rates, local governance, and programs designed for regional needs.

Our mission is to drive increasing access to clean energy, serving the needs of our customers and the well-being of our community.

By the Numbers:

As of March 2026:



761,096
accounts served



96%
overall participation rate



\$183.6 million
customer bill savings since 2018



18
member communities



2,452 MW
long-term renewable energy contracts



\$107.6 million
reinvested in our service area since 2018

Member Communities:

Albany

Berkeley

Dublin

Emeryville

Fremont

Hayward

Lathrop

Livermore

Newark

Oakland

Piedmont

Pleasanton

San Leandro

Stockton

Tracy

Union City

Unincorporated Alameda County

Unincorporated San Joaquin County (May 2026)

Who We Serve

Ava Community Energy serves residential, commercial, municipal, and agricultural customers across Alameda County and the cities of Tracy, Stockton, and Lathrop. In July 2024, Ava’s Board approved the membership request of unincorporated San Joaquin County, with service beginning in 2026.

Ava’s growth beyond Alameda County into San Joaquin County demonstrates that community choice energy works for all Californians. Serving a diverse geography—spanning urban, suburban, agricultural, and historically underserved communities—helps us advance energy equity, strengthens Ava’s voice in Sacramento, and enables us to pilot and scale programs across different community contexts.

Governance

Ava is governed by a Board of Directors comprising 18 elected officials (including City Councilmembers, County Supervisors, and Mayors) from each member community. The Board meets monthly, and all meetings are open to the public, ensuring transparency and accountability to the communities we serve.

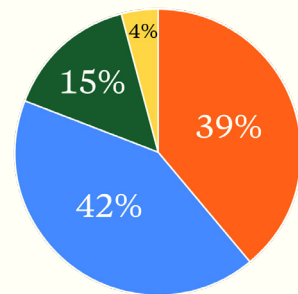
Ava’s Community Advisory Committee (CAC) brings together residents and business owners from across our service area to advise the Board of Directors on programs and initiatives, ensuring diverse community voices inform our work.

Key Demographics

As of March 2026:

761,096 accounts served
(population: ~2 million)

Customers By Load:

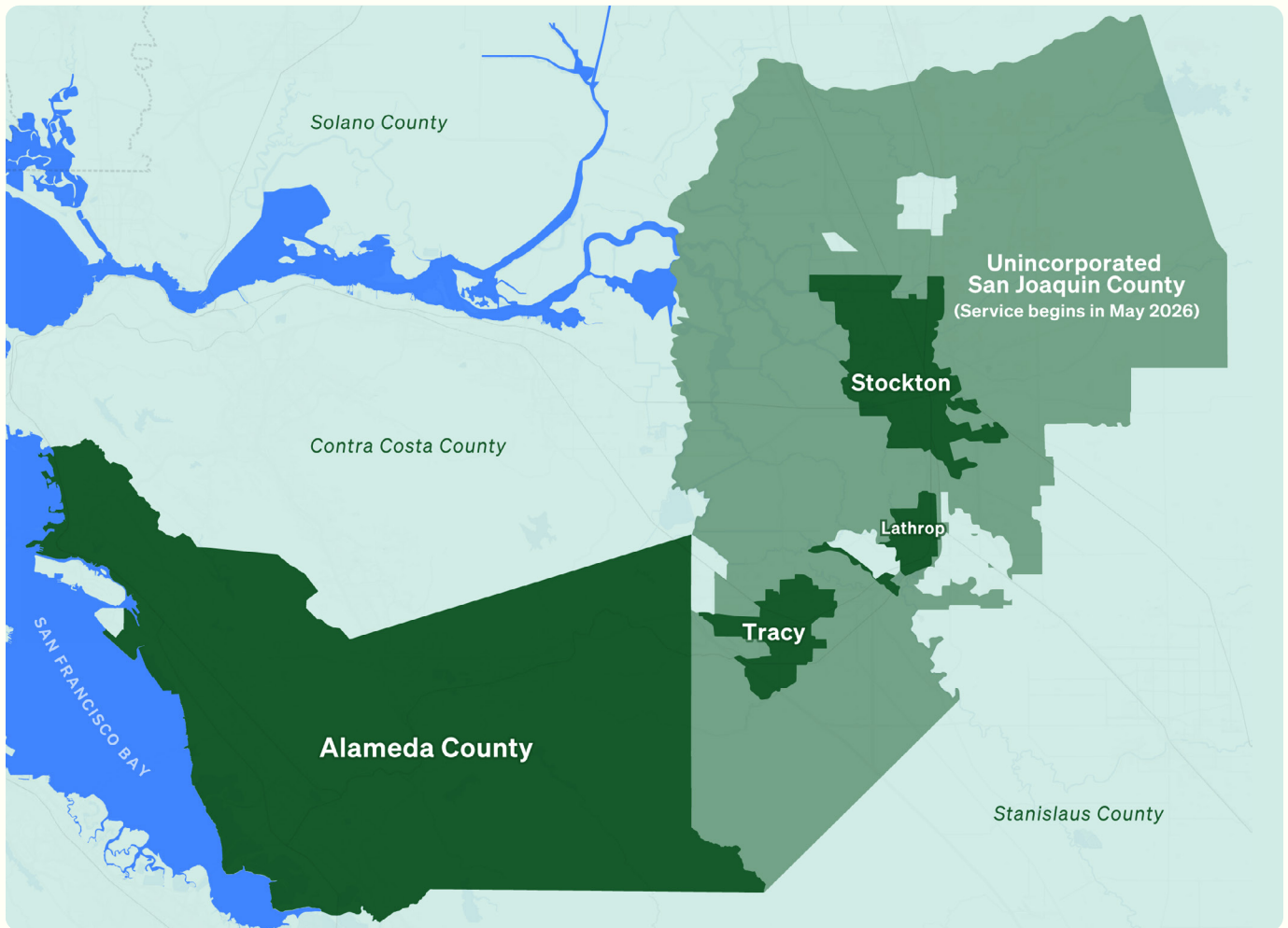


- Residential
- Commercial
- Industrial & agricultural
- Municipal & state government

160,078 CARE & FERA customers

108,668 solar customers

169,678 electric vehicles



Ava's service area

History In Brief

- 2015** — Alameda County commissioned a feasibility study to explore community choice aggregation
- 2016** — East Bay Community Energy formed as a Joint Powers Authority (JPA)
- 2018** — Launched service to residential and commercial customers in 11 cities and in unincorporated Alameda County
- 2019** — Cities of Tracy, Pleasanton, and Newark joined JPA
- 2021** — Service began in Tracy, Pleasanton, and Newark
- 2022** — City of Stockton joined JPA
- 2023** — City of Lathrop joined JPA; East Bay Community Energy rebranded as Ava Community Energy
- 2024** — Unincorporated San Joaquin County joined JPA
- 2025** — Service began in Stockton and Lathrop
- 2026** — Service to begin in Unincorporated San Joaquin County

i Why did we change our name to Ava?

Originally, we were named East Bay Community Energy. As we expanded beyond Alameda County, we evolved our name and brand to better represent all our constituents.

Ava unites “Alameda” with the “Valley.” The rebrand, launched alongside a refreshed visual identity, was designed to welcome new constituents from San Joaquin County and better communicate the benefits of community choice energy across all communities served.

CCAs Are a Proven Model in California

Community Choice Aggregators (CCAs) enable cities and counties to pool their electricity demand to procure clean energy and develop local programs as a public good on behalf of their own residents and businesses. CCAs partner with their region's investor-owned utility, which continues to deliver power and maintain grid infrastructure.

Ava is one of 25 CCAs operating in California and, with approximately 760,000 customer accounts, is one of the state's largest CCAs.

California CCAs have collectively contracted for over 21,000 megawatts (MW) of new clean energy generation capacity through long-term contracts called Power Purchase Agreements, or PPAs.

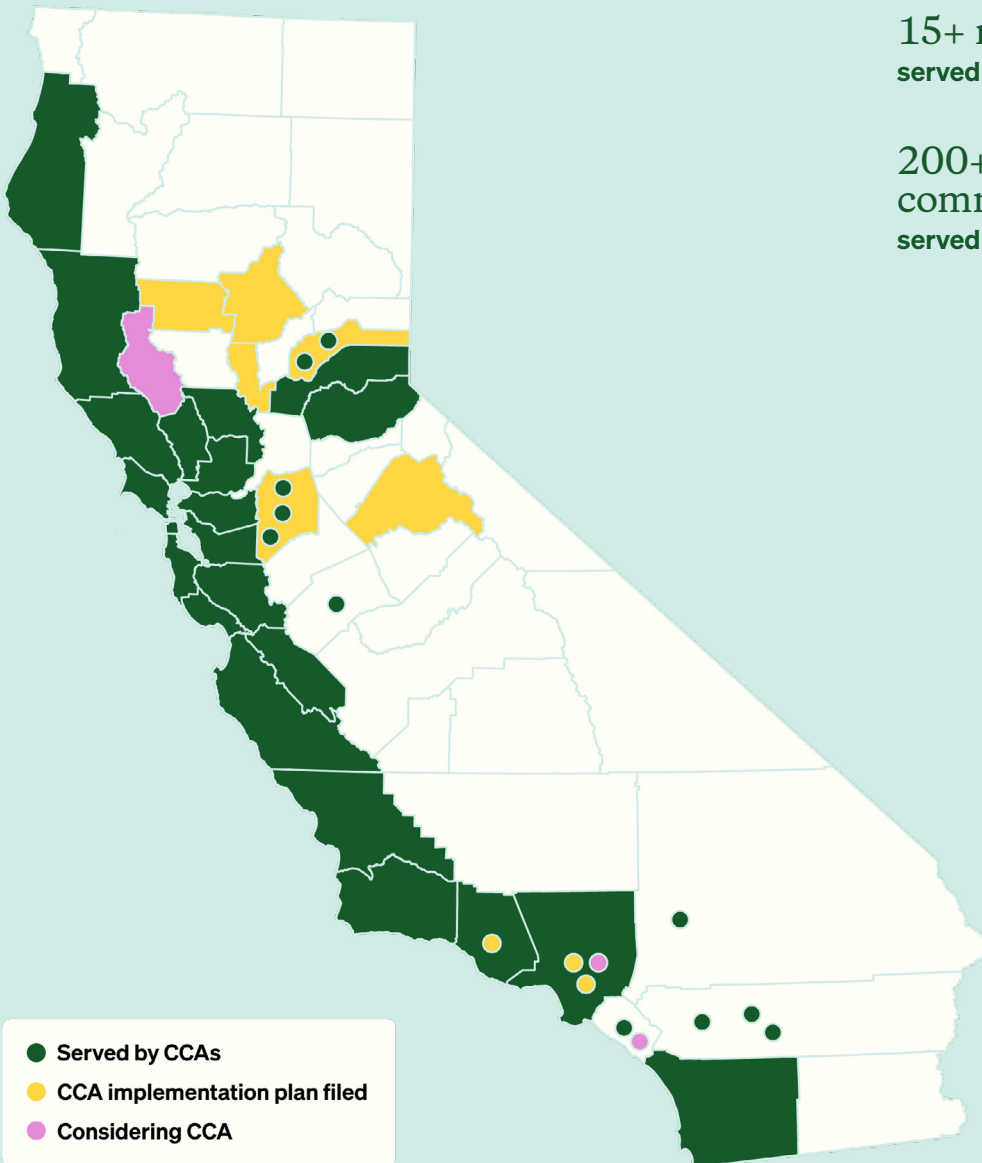
21,000+ MW of new clean generation capacity contracted through long-term Power Purchase Agreements by CCAs in CA

48,000+ construction jobs created by CCA renewable energy projects

58% of California's energy load served by CCAs

15+ million customers served by CCAs in California

200+ California communities served by a CCA



Electricity Generation Service

As the default electricity generation provider in our service area, Ava offers more renewable energy options at competitive rates. All customers retain access to PG&E’s rate schedules—including time-of-use and electric vehicle rates—and continue to receive the same CARE, FERA, and Medical Baseline discounts available with PG&E.

Ava Service Plans

Renewable 100



100% renewable energy priced 1¾ cents per kWh above PG&E rates

Bright Choice



61.8% eligible renewable energy (2024) priced 0.5% below PG&E rates

69% of customers are on Bright Choice

31% are on Renewable 100

Eligible Renewable:

■ Solar
 ■ Wind
 ■ Biomass & Biowaste, Geothermal, Eligible Hydroelectric

Other:
 ■ Hydro
 ■ Unspecified

Customer Choice

Each jurisdiction chooses its default plan, but customers can easily change their service plan at any time. We offer both a lower-cost option and a 100% renewable option so that customers can choose the one that best fits their budget and priorities.

How Rates Are Set

Ava sets generation rates through a transparent public process approved by our Board of Directors. Rates are based on market conditions and indexed to PG&E’s generation rates to maintain the Board-approved customer discount or premium for each service plan. When PG&E adjusts its generation rates, Ava’s rates are updated accordingly to preserve this value proposition.

The Bright Choice discount and Renewable 100 premium evolve as market conditions change. When rates are high, the discount increases; when rates are low, the discount decreases. Bright Choice customers have saved **\$139 million** from this discount since 2018.

AVA’S VALUE PROPOSITION OVER TIME

Ava Service Plan	June 2018–June 2020	July 2020–June 2022	July 2022–June 2023	July 2023–Dec. 2025	Jan. 2026–Present
Bright Choice	1.5% below PG&E	1% below PG&E	3% below PG&E	5% below PG&E	0.5% below PG&E
Renewable 100	1¢ per kWh above PG&E	1¢ per kWh above PG&E	¾¢ per kWh above PG&E	¼¢ per kWh above PG&E	1¾¢ per kWh above PG&E

AVERAGE GENERATION RATES OVER TIME



Ava’s average residential Bright Choice generation rates over time, compared to PG&E residential generation rates.

Carbon-Free by 2030

Ava’s Board of Directors has adopted the goal of providing 100% carbon-free power on an annual basis to all customers by 2030—fifteen years ahead of California’s statewide mandate.

For more about this emissions target, see page 11.

How Billing Works

Electricity service consists of two components: generation (producing power) and delivery (transmitting and distributing power to homes and businesses). Before Ava, customers paid PG&E for both services. Now, Ava provides generation service, and PG&E continues to provide delivery.

Customers receive a single monthly bill from PG&E that includes charges from both providers. PG&E credits customers for the generation charges it would have previously billed, so Ava's charges replace PG&E's generation charges.

Your Account Summary	
Amount Due on Previous Statement	\$173.19
Payment(s) Received Since Last Statement	-173.19
Previous Unpaid Balance	\$0.00
Current Electric Charges	\$124.29
Current Gas Charges	107.62
Total Amount Due by 01/17/2025	\$231.91


Generation and delivery charges combined on a single page called "Electric Charges"

PG&E bill before a customer joins Ava

Your Account Summary	
Amount Due on Previous Statement	\$173.19
Payment(s) Received Since Last Statement	-173.19
Previous Unpaid Balance	\$0.00
Current PG&E Electric Delivery Charges	\$80.33
Ava Community Energy Electric Generation Charges	41.59
Current Gas Charges	107.62
Total Amount Due by 01/17/2025	\$229.54

Generation and delivery split into separate charges


PG&E bill after a customer joins Ava



ENERGY STATEMENT
www.pge.com/MyEnergy

Account No: 12/27/2024
Statement Date: 01/17/2025
Due Date: 01/17/2025

Rate Identification Number



USCA-XXEB-CYNB-0000
www.pge.com/rin
To program your smart device, scan the QR code or enter the RIN code above and follow the on-screen instructions.

Details of Ava Community Energy Electric Generation Charges
11/19/2024 - 12/19/2024 (31 billing days)

Service For: ESP Customer Number:
11/19/2024 - 12/19/2024

Rate Schedule: ETOUC-Bright Choice			
Off-Peak Winter	229.889000 kWh @ \$0.13679	\$31.45	
Peak Winter	97.168000 kWh @ \$0.16347	15.88	
Power Charge Indifference Adjustment Credit		-3.13	
Franchise Fee Surcharge Credit		-0.34	
Bright Choice		-2.37	
Energy Commission Tax	Net Charges 41.49	0.10	

Bright Choice is priced below PG&E rates.
Renewable 100 is priced above PG&E rates.
Learn more about your service plan options at AvaEnergy.org/service
Ava respects your privacy. Please see Ava's customer confidentiality policy at AvaEnergy.org/confidentiality

Total Ava Community Energy Electric Generation Charges \$41.59

Service Information
Total Usage 327.100000 kWh

For questions regarding charges on this page, please contact:
AVA COMMUNITY ENERGY
1-833-699-3223
www.avaenergy.org

Additional Messages
Ava Community Energy remains your public electricity provider, serving a growing list of communities in Alameda County and the Valley, including Albany, Berkeley, Dublin, Emeryville, Fremont, Hayward, Livermore, Newark, Oakland, Piedmont, Pleasanton, San Leandro, Tracy, Union City, and unincorporated Alameda County.

At Ava, we're committed to creating a brighter future in our communities and beyond. We do that by procuring clean electricity on your behalf and using our not-for-profit structure to invest in programs and incentives that enhance well-being, lower costs, and increase resilience for everyone.

Learn more about what our programs can do for you at AvaEnergy.org/programs and explore a customized list of local, state, and federal incentives with our interactive incentive finder at incentives.AvaEnergy.org.

On this bill, you'll see charges from both Ava and PG&E. That's because Ava procures electricity on your behalf (generation), and PG&E delivers that electricity through their physical infrastructure (delivery). You can learn more at AvaEnergy.org, or call 1-833-699-3223.

Visit www.pge.com/MyEnergy for a detailed bill comparison. Page 4 of 6

i Additional fees from PG&E—such as the Power Charge Indifference Adjustment (PCIA) and Franchise Fee Surcharge—are factored into Ava's rates to ensure that customers are not negatively impacted by these charges.

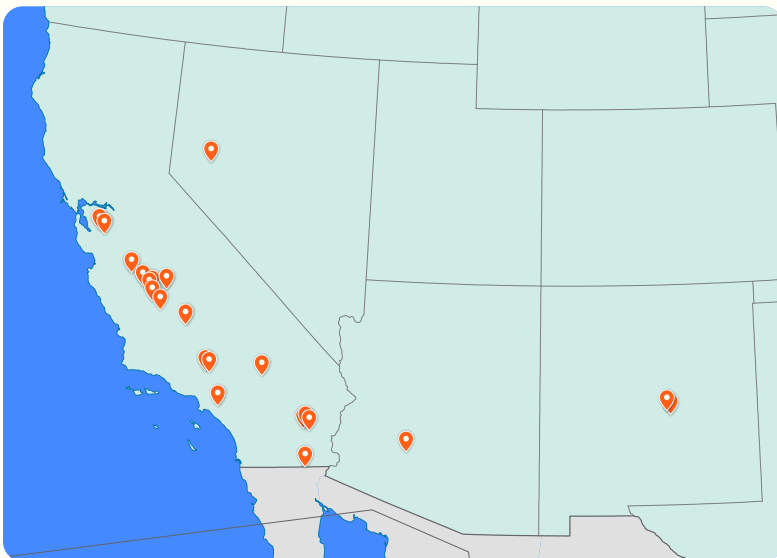
Example of the generation charges page in a PG&E bill showing Ava rates, the PCIA credit, and Franchise Fee Surcharge credit.

Our Power Supply

Ava purchases electricity through short- and long-term contracts. We're constantly expanding our clean energy portfolio to meet our goal of 100% carbon-free electricity for all customers by 2030.

Long-Term Renewable Energy Portfolio

Ava's portfolio of long-term contracted resources typically represents new projects being built, adding more clean energy to the grid than existed previously. This includes utility-scale wind, solar, geothermal, and battery storage projects across California and the western United States, as well as locally-sited rooftop solar installations within our service area. All projects are selected through a competitive solicitation process that evaluates technical feasibility, price, environmental attributes, and community benefits.



As of March 2026:

7,346 GWh
estimated retail load in 2025

27
long-term renewable power & energy
storage contracts

1,495 MW
new wind, solar, and geothermal built

957 MW
new energy storage built



The Scott Haggerty Wind Energy Center in Altamont Pass (Livermore)

Local Power Projects

Scott Haggerty Wind Energy Center

The 54.8 MW Scott Haggerty Wind Energy Center, named after Ava's founding Board Chair and Alameda County Supervisor, has been operational since 2021 in Altamont Pass. It generates enough electricity annually to power over 47,000 homes.

Aramis Solar Energy Generation and Storage Project

Located in the North Livermore Valley of unincorporated Alameda County, this project is a 100 MW solar and 100 MW battery energy storage system (BESS), planning to become operational by 2027. Ava is contracted for 25 MW of Resource Adequacy from the BESS with a 10-year delivery term.

Kola Energy Storage II

One of the largest standalone battery projects in the world, Kola will provide 400 MW of storage total—enough to power 300,000 homes for four hours at a time. Ava is one of two offtakers on the project, located in unincorporated San Joaquin County, and has contracted for 125 MW/500 MWh battery storage with a 20-year term.

MRP Tracy Battery Storage

In 2025, Ava partnered with two other CCAs to execute a long-term contract for a new long-duration battery that will be built at the existing MRP Tracy Natural Gas power plant. This 40 MW, 8-hour (320 MWh) battery will lessen the State's need to dispatch the natural gas power plant, reducing emissions in Ava's service area.

Disadvantaged Communities Solar Projects

California's Disadvantaged Communities Green Tariff (DAC-GT) program, called "Solar Discount" for Ava customers, provides CARE and FERA customers living in disadvantaged communities with 100% renewable energy and a 20% electricity bill discount. In 2024, Ava selected Prologis to develop five solar rooftop projects under DAC-GT. To expand this program to more communities, Ava has issued an RFO for an additional 11.25 MW of local solar with voluntary paired storage.

Location	Capacity	Online Date
Hayward	0.56 MW	Q3 2026
Oakland	0.72 MW	Q2 2026
San Leandro	1 MW	Q3 2026
Tracy	3 MW	Q1 2028
Tracy	2 MW	Q1 2027

The Path to Zero Carbon Emissions

In December 2020, Ava first proposed a goal of developing an annual emission-free portfolio by 2030. In April 2022, Ava's Board of Directors approved an emissions-reduction trajectory demonstrating how the agency will reduce annual emissions over time.

Below is the progress we've made to date in decarbonizing our power supply 15 years ahead of the State-mandated 2045 target established by Senate Bill 100 in 2018. Board-approved increases to our targets have helped accelerate our progress towards this goal.

PATH TO ZERO EMISSIONS TO DATE

Year	Ava Bright Choice Renewable %	Ava Bright Choice Carbon Free %	Ava Bright Choice PSDR* Emission Factor	CA-RPS% Renewable %
2020	40%	54%	591	33%
2021	42%	58%	564	36%
2022	49%	71%	496	39%
2023	55%	89%	370	41%
2024	62%	96%	221	44%
2025**	54%	97%	209	47%

*The Power Source Disclosure Report (PSDR) is filed annually on June 1 for the previous calendar year.

**2025 actuals will be released in June 2026.



Managing Risk in a Complex Market

Before the energy we contract for reaches our customers' homes and businesses, it passes through a sophisticated commodity market—one where Ava operates as a significant player managing considerable financial risk on behalf of the communities we serve.

How It Works

The California Independent System Operator (CAISO) manages the state's electricity grid. It is responsible for ensuring the reliability of the grid, and also operates a wholesale energy market where generators sell power and utilities purchase it to meet customer demand in the most cost-effective manner possible. Ava participates in CAISO's three interconnected markets: the Day-Ahead Market, where supply and demand are forecasted and scheduled 24 hours in advance; the Real-Time Market, which balances actual conditions in 15-minute and 5-minute intervals; and the Ancillary Services Market, which provides energy products to help maintain short-term grid stability and reliability.

Ava purchases renewable energy through long-term contracts (typically 10 to 20 years) at fixed or structured prices, providing rate stability and insulating customers from short-term market volatility. That contracted energy is sold into the CAISO market, where prices fluctuate constantly based on statewide supply and demand conditions. Market prices sometimes fall below Ava's contracted costs; other times they exceed those costs, creating value that benefits customers. Managing this exposure requires continuous monitoring, sophisticated financial analysis, and strategic hedging instruments to protect customer rates while meeting compliance obligations.

Procurement Advantages

As a public agency with an "A" credit rating from S&P Global Ratings, Ava is able to negotiate favorable contract terms and avoid posting collateral for the agency's long-term contracted resources. Ava also accesses tax-exempt financing structures unavailable to for-profit entities, reducing the cost of long-term renewable energy procurement.

Delivering Consistent, Reliable Results

The complexity of wholesale market operations and portfolio management happens behind the scenes. What customers experience is straightforward: reliable, competitively-priced electricity service backed by an increasingly clean energy supply.

Ava also procures other forms of power to ensure the cost effectiveness and reliability that our customers need. While emissions are measured and reported annually, power purchasing and market participation occur every hour of every day—matching customers' real-time energy needs with available resources and the financial tools used to manage risk. This continuous balancing requires technical expertise, disciplined analysis, and unwavering focus on the financial interests of the communities we serve.

i FAQ: How can Ava offer lower rates than PG&E?

As a public agency, Ava has three sustained competitive advantages:

- 1. Ava has no shareholders, which means we don't need to turn ratepayer dollars into shareholder profits.**
- 2. Ava has a lower tax liability than a for-profit entity.**
- 3. Ava has access to cheaper capital via municipal bond markets. In other words, we can borrow at lower rates than a for-profit entity.**

Customer Programs

Beyond providing clean electricity at competitive rates, Ava aims to accelerate the renewable energy transition throughout our service area. We reinvest a portion of our revenue into customer programs that promote electrification, support energy resilience, reduce barriers to clean energy adoption, and more.

Active and Upcoming Programs

Ava Bike Electric (2025-2026)

- Provides instant rebates that make e-bikes more affordable, increases access to clean mobility options, reduces carbon emissions, and supports local businesses.
- \$10 million total funding (\$6 million from Ava and \$4 million from Alameda County Transportation Commission). A minimum of 40% of program funding is dedicated to CARE/FERA customers.

Building Efficiency Accelerator (2023-2026)

- A CPUC-funded program supporting large non-residential customers in implementing energy efficiency and electrification measures, combining targeted incentives with hands-on energy coaching and technical support.
- Currently serving 15 high-usage facilities, with projects forecasted to save 12 GWh of energy over the program period.

SmartHome Charging (2025-2027)

- Reduces customer bills and grid strain during peak hours by optimizing home EV charging.
- Total budget of \$2.3 million for upfront and ongoing customer incentives.

SmartHome Battery (2026-2036)

- \$11.25 million committed to supporting residential solar and battery installations that contribute capacity to Ava's virtual power plant.
- Of that commitment, \$3.75 million is reserved for income-qualified (CARE/FERA) customers.

Completed Program Highlights

Since 2018, Ava has implemented dozens of programs to accelerate clean energy adoption, strengthen grid resilience, and invest in our communities. Below is a list of some, but not all, of the programs we've launched and learned from.

Health-e Communities Pilot (2024-2025)

- Replaced 160 gas stoves with induction ranges in income-qualified households and measured the resulting impact on indoor air quality, in partnership with Franklin Energy and Berkeley Air Monitoring Group.
- Participants experienced a meaningful reduction in nitrogen dioxide, a known air pollutant.

Induction Cooktop Lending Program (2023-2024)

- Supported 15 public lending sites and facilitated 475 individual lending sessions, enabling customers to use induction cooking technology.
- 68% of program participants experienced improved perception of induction cooking.

Heat Pump Water Heater Incentives (2024)

- Provided \$545,000 in \$1,000-per-unit incentives for 545 residential heat pump water heater installations, in partnership with StopWaste and BayREN.

Medical Baseline Battery Program (2021-2024)

- \$300,000 budgeted for distributing portable Yeti Goal Zero batteries to Medical Baseline customers in high fire risk zones.
- Distributed 50 no-cost batteries to income-qualified customers, and provided \$1,000 battery rebates to 150 additional customers.

Resilient Home Pilot (2020-present)

- Ava partnered with Sunrun to enroll roughly 1,200 residential battery systems that discharge energy to the grid during evening peak demand periods.
- 22% of portfolio capacity is from disadvantaged communities, income-qualified households, and Medical Baseline customers.
- This program is no longer enrolling but will continue to operate through 2031.

“ Thank you for this program. I describe my e-bike as not being a replacement for a traditional bicycle, but for driving a car. One less car!”

– Samuel, Ava Bike Electric rebate recipient

“ We kept getting notices that we could lose power with all the wildfires the last few years, and being on Medical Baseline where I have a CPAP machine, I was wondering, ‘Will I be able to keep that thing going?’”

– Ed, Medical Baseline Battery Program battery recipient



▶▶▶ Building a Virtual Power Plant

A virtual power plant (VPP) is a network of decentralized energy sources that work together to support the grid during periods of high demand. Through centralized software, electricity providers can tap the collective power of many small systems—such as solar panels, batteries, EVs, and EV chargers—instead of procuring power from a traditional power plant.

Ava is developing a VPP using Lunar Energy's GridShare platform and coordinating distributed resources through our SmartHome Charging and SmartHome Battery programs. These programs are designed to benefit customers through bill savings and incentive payments while we build our VPP to scale. In the future, VPPs may meaningfully impact procurement costs and grid flexibility, but our current focus is on learning about the reliability of VPPs while ensuring participation benefits our customers.

Public Infrastructure & Municipal Support

Working directly with our member jurisdictions and regional partners, Ava invests in public infrastructure projects and technical assistance that advance regional decarbonization goals.

Ava Charge

- To encourage electric vehicle adoption, Ava is building a network of EV fast charging stations powered by renewable energy and located where people work, live, and gather.
- The first Ava Charge station is located in downtown Oakland's City Center West Garage, surrounded by multi-family housing and local businesses.

Critical Municipal Facilities

Ava is developing solar and battery storage systems for essential city facilities in Berkeley, Fremont, Hayward, and Livermore.

Site Name	PV Nameplate Capacity (kW)	BESS Inverter Power (kW)	BESS Contract Capacity (kWh)
Berkeley Allston Corp Yard	151.20kW	100.00kW	490.00kWh
Berkeley Live Oak Rec Center	36.08kW	30.00kW	81.00kWh
Fremont Age Well Center	25.08kW	30.00kW	81.00kWh
Fremont Tri City Volunteers	47.08kW	30.00kW	81.00kWh
Hayward Corp Yard	50.40kW	30.00kW	81.00kWh
Hayward Fire Station #1	62.40kW	60.00kW	122.00kWh
Livermore City Council Chambers	50.62 kW	80.00kW	162.00kWh
Livermore Maintenance Service Center	66.00kW	100.00kW	244.00kWh

Municipal Fleet Electrification

- Between 2019 and 2023, Ava provided no-cost technical assistance to 13 member jurisdictions to develop comprehensive fleet electrification plans for 2,793 light-, medium-, and heavy-duty vehicles.
- The program helped cities navigate technology selection, infrastructure planning, and state regulatory compliance while securing \$18.8 million in external grant funding.

Additional Municipal Support

- 7 cities received grants and/or technical support for reach codes
- 13 jurisdictions received support for EV permitting compliance (as mandated by AB 1236)
- 5 jurisdictions received Affordable Multifamily Housing EV Charging Technical Assistance for 35 sites
- 5 jurisdictions received support for California Energy Commission grant applications
- \$750,000 no-interest loan for the beneficial electrification of Piedmont's municipal pool



The City of Piedmont's municipal pool, made all-electric with support from a no-interest loan from Ava.



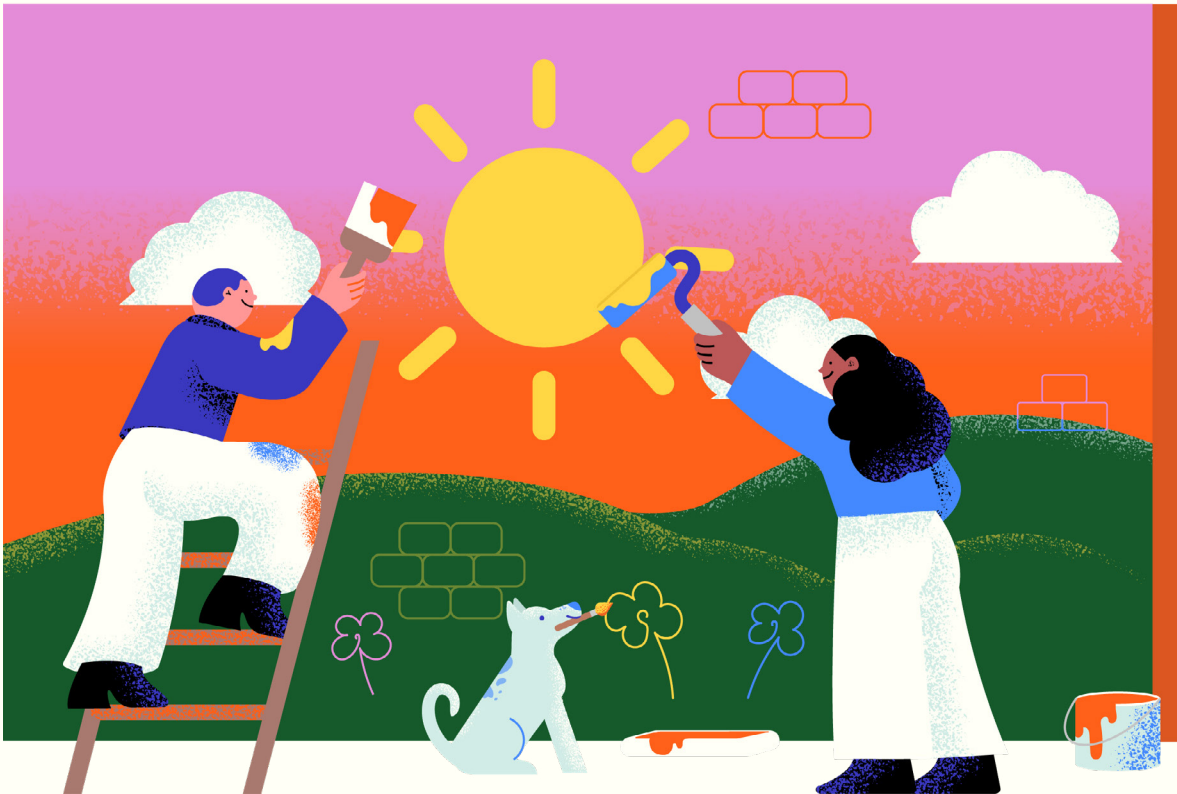
Ava staff, Board members, and partners celebrate the launch of an Ava Charge site in Downtown Oakland's City Center West Garage.



Photovoltaic (PV) solar panels being installed on the roof of the Livermore City Council Chambers.

Community Reinvestment

Ava reinvests locally through grants, local sponsorships, bill assistance, and community outreach, ensuring our resources strengthen the communities we serve.



Community Investment Grants: \$1.89 million invested to date

Our grantmaking initiatives align with our strategic priority areas of resilience, energy efficiency, transportation, and building electrification. These are accomplished through education, workforce development, community empowerment, or innovation.

Active Grant Programs

Community Electric Vehicle Charging (2024-2027)

- California Interfaith Power and Light
- Green The Church

Community Organizing and Capacity Building for Resilience Hubs (2024-2027)

- Emerald Cities Collaborative

Clean Energy Jobs and Training for Youth (2024-2027)

- Advancing Green Apprenticeship Pathways for Efficiency Initiative
- Rising Sun Center for Opportunity

Past Grant Programs

Community Innovation Grants (2019-2020)

- Community Impact Hub
- Ecology Action
- People Power Solar
- RE-volv
- Rising Sun Center for Opportunity
- West Oakland Environmental Indicators Project



Rising Sun's workforce development programs help prepare youth, women, and individuals in reentry for careers in climate.

Community Resilience Hubs

Ava is supporting community-owned facilities with technical assistance and financial incentives to install battery backup systems that provide power during outages and emergencies, while serving as year-round gathering spaces. \$6.05 million is allocated for outreach and education, technical assistance, upfront installation rebates, and ongoing participation payments for eligible resilience hub sites.

COVID-19 Emergency Response

Ava's public structure allows us to act quickly in service of community well-being during times of crisis. When the pandemic hit in 2020, Ava directed over **\$2.1 million** where it was needed most:

- \$1.1 million directly distributed to our member cities and counties
- \$650,000 in grants to community-based organizations serving residents and businesses impacted by the health crisis
- \$245,000 to medical and healthcare organizations
- \$175,000 to local food banks and meal programs
- Offered flexible payment plans to customers navigating financial hardship
- Received \$13.8 million from the California Arrearage Payment Program to cover unpaid customer bills

Bill Credits

When our operations generate significant surplus revenue, the Board can vote to return portions of it to the communities we serve through direct on-bill credits.

ANNUAL BILL CREDIT HISTORY

	2022/23	2023/24	2024/25
CARE/FERA	\$6 million	\$6 million	\$11 million
Residential	-	\$4 million	\$4 million
Non-Residential	-	\$3 million	\$7 million
Total Returned to Customers	\$6 million	\$13 million	\$22 million

Local Sponsorships: \$1.4 million invested to date

See page 20 for local sponsorship highlights.

Sponsorship Spotlights

Habitat for Humanity East Bay/Silicon Valley

Since 2018, Ava has supported Habitat for Humanity East Bay/Silicon Valley’s mission to expand affordable homeownership in our communities. In 2024, we deepened this commitment by sponsoring Sequoia Grove—Habitat’s first fully electric development in Alameda County—bringing solar, battery storage, heat pumps, and induction cooking to ten new homeowners in Hayward.

“With Ava’s support, we’re building climate-friendly housing that makes sustainable homeownership accessible to East Bay families. Together, we’re creating homes with healthier indoor air quality, lower energy bills, and a more sustainable future for our entire community.”

– Janice Jensen, President and CEO, Habitat for Humanity East Bay/Silicon Valley



Bike East Bay

Ava has supported Bike East Bay’s work to make bicycling safe, fun, and accessible across the East Bay since 2019. Our partnership includes annual sponsorship of Bike to Wherever Day, supporting bike valets at local sporting events, and co-hosting community E-bike Test and Ride events that give people hands-on experience with cleaner, more affordable transportation options.

“We truly appreciate Ava’s support of the bike community and leadership in making quality e-bikes accessible and affordable. Their partnership is helping us build communities that are joyful, safe, and inclusive where people come first.”

– Jill Holloway, Co-Executive Director of People and Operations, Bike East Bay



Sports Sponsorships

Cheering for local teams brings our community together to root for a common goal. As your local community energy provider, we’re proud to support these hometown teams with our fellow fans.



Community Sponsorships

Three times per year, Ava gives grants of up to \$2,500 to local community-based organizations.

- 232 sponsorships given since 2019
- \$485,500 disbursed

Community Events

In addition to sponsoring organizations, we also support local community events.

- 77 events sponsored in 2025



Coastal Clean Up with Engineers and Scientists Acting Locally (ESAL)



Ava's solar-powered charging station at work in Stockton



LEAF in Fremont received a community sponsorship from Ava to further their work as an urban farm, food bank donor, and ecology educator



Ava helped bring native plants to a 1000 ft. pathway in Hayward with Down By the Bay Nursery



Ava invited our customers to join us at local public induction cooking demonstrations

Legislative and Regulatory Advocacy

Ava's legislative and regulatory engagement is guided by the agency's goal to provide clean electricity at competitive rates to the communities we serve. Our policy positions flow directly from this public purpose.

Ava operates within a defined legal framework while advocating for policies that strengthen the CCA model and benefit our communities, customers, and constituents.

California's Community Choice Framework

Community Choice Aggregation was established in 2002 under California Assembly Bill 117, to enable local governments to procure electricity on behalf of their constituents while maintaining the existing utility's role in transmission and distribution. The statute created CCAs as a public benefit: a mechanism for communities to exercise local control over their energy supply, accelerate renewable energy development, and provide rate alternatives to incumbent utilities.

How Ava Engages

Ava partners with the California Community Choice Association (CalCCA), legislative delegations representing member jurisdictions, and aligned stakeholder organizations to advance our priorities and communities' interests. The agency provides technical expertise to policymakers; submits testimony and comment letters on proposed legislation and regulations; and works collaboratively with state agencies, including the California Public Utilities Commission (CPUC), California Energy Commission (CEC), California Air Resources Board (CARB), and California Independent System Operator (CAISO).

All legislative positions are developed through internal analysis, reviewed by agency leadership, and approved by Ava's Board of Directors through a transparent public process. The agency's legislative program is updated annually to reflect emerging policy priorities while maintaining focus on the core principles outlined on the next page.

Legislative Principles

Ava's Board of Directors has established five core principles that guide the agency's legislative positions:

Make Electricity More Affordable

We support policies that put downward pressure on electricity rates, which in turn reduces the burden on households and businesses and lowers the barriers to electrification.

Protect Community Choice

Local control and the autonomy to make decisions that reflect the needs of our customers form the very foundation of community choice aggregation. We support legislation that bolsters the stability and competitiveness of the CCA model, and oppose policies that undermine Ava's ability to achieve our mission.

Accelerate Decarbonization

Ava takes a whole-of-society approach to address the growing threat of climate change and build healthier, more sustainable communities. We support policies that incentivize and accelerate decarbonization, including those that improve energy efficiency, reduce barriers to renewable energy and storage development, and increase the adoption of behind-the-meter distributed energy resources.

Promote Local Development

Decarbonizing our communities should also mean enhancing their environmental and economic resilience. We support policies that empower disadvantaged communities, invest in workforce training programs, and create a cleaner, more robust, and more equitable economy for everyone.

Increase Bill Transparency and Understanding

For many customers, combing through the charges, fees, rates, and acronyms on their utility bill can be confusing and time-consuming. Ava supports policies that make it easier for customers to understand exactly what they're paying for and why. We also support increased transparency in the utility ratemaking process so that customers can meaningfully participate in decisions affecting their daily lives.

Regulatory Priorities

After a bill becomes law, agencies such as the CPUC, CEC, CARB, and Federal Energy Regulatory Commission (FERC) are responsible for creating regulations that implement the law's requirements. Ava's Regulatory team participates in proceedings on behalf of our customers to advocate for fair and effective regulations. Our regulatory priorities are consistent with our legislative priorities, and include:

- Facilitating electrification and smarter energy use
- Accelerating renewable energy procurement
- Promoting fair and equitable rates
- Protecting Ava's autonomy

Financial Sustainability

Though Ava is a relatively young public agency, we have established the financial strength and foundation to deliver lasting impact.

“A” Credit Rating

Ava maintains an “A” credit rating from S&P Global Ratings. Our rating is the basis for counterparties, investors, and creditors to be comfortable doing business with Ava. Our creditworthiness allows us to operate in power markets and procure services to develop programs for our customers.

Reserves and Rate Stabilization Fund

The Board has established a reserve fund targeting 50% of annual operating expenses, designated as the base level of our financial strength and not intended for use unless catastrophic unforeseen events occur. To ensure we can absorb market volatility or unexpected cost changes without tapping reserves, the Board has also established a Rate Stabilization Fund. This fund is designed to be used as economic and operational cycles may require, enabling Ava to absorb short-term financial shocks without passing costs to customers.

Ava’s annual budgets, comprehensive financial reports, and independently audited financial statements are publicly available. The agency’s Board of Directors advises on and approves all major financial decisions through open public meetings. Ava’s fiscal year runs from July through June.

Prepayment Bond Financing

As a tax-exempt public entity, Ava issues bonds at lower interest rates than investor-owned utilities like PG&E can, using proceeds to prepay power contracts at substantial discounts. Since 2021, this innovative approach has generated over \$200 million in expected customer savings through 2035.



Ava pioneered the use of prepayment bonds, co-founding the California Community Choice Financing Authority (CCCFA) in 2021 with three other CCAs. CCCFA was named the nation’s top issuer of green municipal bonds in 2023 by the Climate Bonds Initiative and received The Bond Buyer’s ESG/Green Financing Deal of the Year award in 2024.





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Ava Impact Report



Overview



- Inaugural ~25-page report available online and as a printed/bound hard copy
- Intended to provide city councils, municipal partners, and other policy makers with background information about Ava and key achievements since starting service in 2018
- Will be presented at local council and board meetings with more specifics on the impact in your local jurisdiction
- May be issued on a regular basis

Report Contents



- **Ava at a Glance**
- **Who We Serve**
- **Electricity Generation Service**
- **Our Power Supply**
- **Customer Programs**
- **Public Infrastructure & Municipal Support**
- **Community Reinvestment**
- **Legislative and Regulatory Advocacy**
- **Financial Sustainability**

Ava at a Glance

- About us
- How our electricity offering works
- Top line impact numbers
- Ava's jurisdictions

Who We Serve

- Our governance
- Key demographics
- History in brief
- Background on CCAs in California

By the Numbers:

As of March 2026:



761,096
accounts served



96%
overall participation rate



\$183.6 million
customer bill savings since 2018



18
member communities



2,452 MW
long-term renewable energy contracts



\$107.6 million
reinvested in our service area since 2018

Electricity Generation Service

- Service plan options
- How rates are set:
 - Rate factors
 - Ava's value proposition over time
 - Ava's generation rates over time
- Carbon-free by 2030 goal
- How billing works:
 - Generation vs. Delivery
 - Ava vs. PG&E fees and credits



Renewable 100
100% renewable energy from sources like wind and solar priced slightly above PG&E rates



Bright Choice
61.8% renewable energy at rates below PG&E

PG&E bill after joining Ava.

PG&E STATEMENT
e.com/MyEnergy

Account No:
Statement Date:
Due Date:

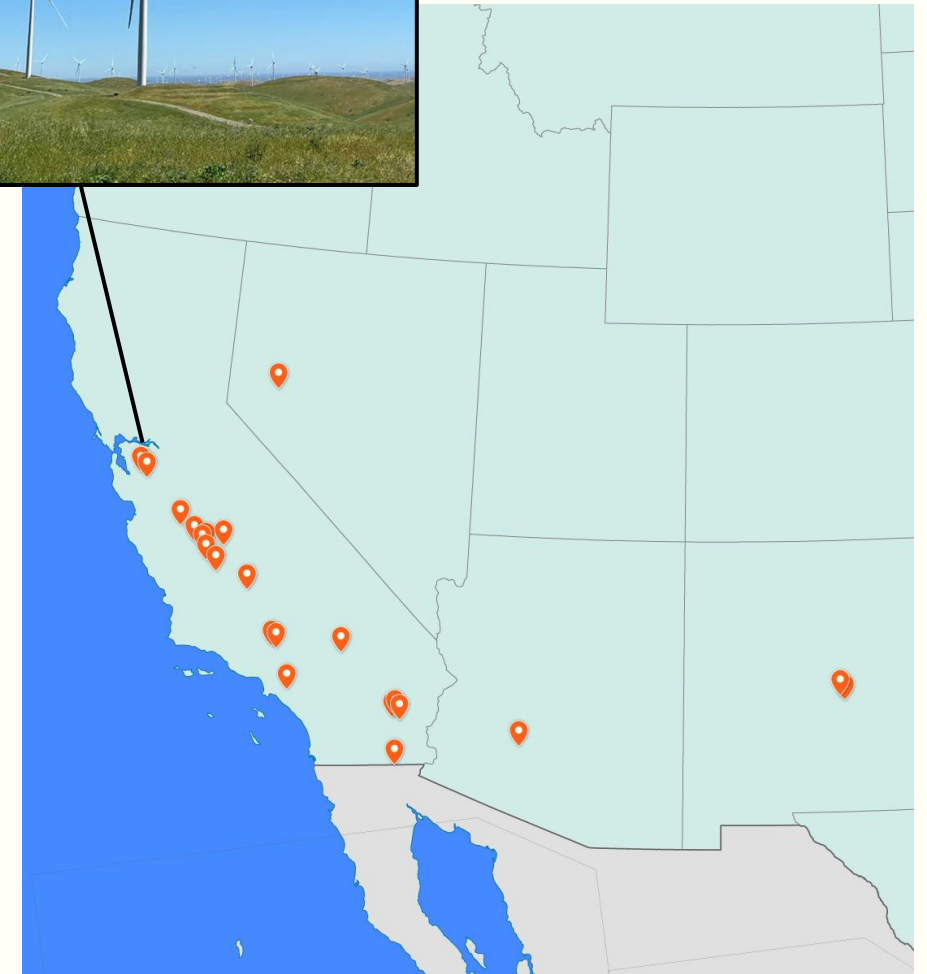
Your Account Summary

Amount Due on Previous Statement	\$283.36
Payment(s) Received Since Last Statement	-283.36
Previous Unpaid Balance	\$0.00
Current PG&E Electric Delivery Charges	\$76.63
Ava Community Energy Electric Generation Charges	48.08
Current Gas Charges	83.99
Total Amount Due by 12/27/2023	\$208.70

Generation and delivery split into separate charges

Our Power Supply

- Our long-term renewable energy portfolio
- Local power projects
- The path to zero carbon emissions
- Managing risk in a complex market:
 - How it works (CAISO and the electricity market)
 - Ava's procurement advantages
 - Balancing supply and demand for consistent, reliable results



Customer Programs

Summary of active and upcoming programs and completed programs:

Active and Upcoming Programs:

- Ava Bike Electric (2025-2026)
- Building Efficiency Accelerator (2023-2026)
- SmartHome Charging (2025-2027)
- SmartHome Battery (2026-2036)

Completed Programs:

- Health-e Communities Pilot (2024-2025)
- Induction Cooktop Lending Program (2023-2024)
- Medical Baseline Battery Program (2021-2024)
- Resilient Home Pilot (2020-present)
- Heat Pump Water Heater Incentives (2024)



“We kept getting notices that we could lose power with all the wildfires the last few years, and being on Medical Baseline where I have a CPAP machine, I was wondering, ‘Will I be able to keep that thing going?’”

– Ed, Medical Baseline Battery Program battery recipient

Public Infrastructure & Municipal Support



Initiatives activated with member partners:

- Ava Charge (network of EV fast charging stations)
- Critical Municipal Facilities (solar and battery storage systems for essential city facilities)
- Municipal fleet electrification
- Additional municipal support

Community Reinvestment

Summary of how Ava reinvests in its communities via:

- Community Investment Grants (active and past)
- Community resilience hubs
- COVID-19 emergency response
- Customer bill credits
- Local sponsorships and events



Legislative and Regulatory Advocacy

Outlines principles and priorities for public policy engagement:

Legislative Principles:

- Make electricity more affordable
- Protect community choice
- Accelerate decarbonization
- Promote local development
- Increase bill transparency and understanding

Regulatory Priorities:

- Facilitating electrification and smarter energy use
- Accelerating renewable energy procurement
- Promoting fair and equitable rates
- Protecting Ava's autonomy

Financial Sustainability

Highlights of the financial strength and foundation Ava has established to deliver lasting impact:

- "A" Credit Rating
- Reserves and Rate Stabilization Fund
- Prepayment bond financing

Next Steps

- Share the Impact Report (online and hard copy)
- Schedule and deliver a presentation at each member's council or supervisor meeting that details Ava's impact, including savings, program participation, and other localized content
- Ava staff will be reaching out to Board directors for additional support in scheduling, as appropriate and necessary

