

# Electrify EVERYTHING

 Sonoma  
Clean Power



# Message from the CEO

We breathed a sigh of relief as 2021 came to an end with no major wildfires in Sonoma and Mendocino counties and vaccination rates on the rise. Sonoma Clean Power had a promising year as well, with the opening of the Advanced Energy Center in downtown Santa Rosa. At the Center, customers can discover energy-efficient technologies for their homes and take advantage of 0% interest loans. Heat pump water heaters have been especially popular, with almost \$2,000 in rebates and discounts available. In fact, income-qualified customers can receive a heat pump water heater for free, leaving only the installation costs.

SCP worked collaboratively with PG&E on several efforts to advance public safety. We urged PG&E and the Public Utilities Commission to underground a quarter-mile section of overhead power lines in Rincon Valley, a high-fire threat area of Santa Rosa. PG&E also agreed to explore ways to lessen the number of Public Safety Power Shutoff (PSPS) events experienced by Oakmont, a senior living community. In addition, SCP and PG&E helped several remote areas plan the construction of small, renewable, off-grid power systems to eventually remove all overhead power lines. While there are more areas in need of solutions, this early progress toward reducing fire threats from PG&E's equipment and the frequency of PSPS events is worth celebrating.

Late in 2021, SCP launched an initiative to form a Geothermal Opportunity Zone (GeoZone) that could eventually include Sonoma, Mendocino, and Lake counties. SCP is gearing up to work collaboratively with the County governments, air districts, and water suppliers to explore where new geothermal energy might be developed. A strong emphasis would be placed on reducing the use of water, lessening environmental and visual impacts, and providing real benefits to the communities where projects are built.

SCP is leading the GeoZone effort in Northern California, however, we expect other electricity providers will also be interested in purchasing this clean power over time. Similarly, our sister CCA in Humboldt County – Redwood Coast Energy Authority – is working to develop offshore wind as a steady source of renewable power.

Because geothermal is a baseload resource, meaning it produces power 24/7 year-round, it is an extremely valuable asset when paired with other renewable resources like solar, wind, and batteries that are weather-dependent and can lose productivity during the winter.

The work we do is only possible because of the support of our customers and community. Thank you for choosing Sonoma Clean Power and for helping us lead the way toward a future with clean, affordable, and reliable energy for all.

**Geof Syphers, CEO**





# Message from the Board Chair

2021 was a productive year for Sonoma Clean Power. From fighting for fair energy rates and a just transition to renewable energy in Sacramento, to launching our first incentive program designed specifically for SCP low-income customers – our board and staff collaborated with the community and took action on your priorities.

SCP is committed to sourcing from and helping to develop clean, renewable energy projects that are key to transitioning California away from fossil fuels. Some of the biggest sources of pollution, including power plants, shipping ports, and highways, are located near communities in need. Our transition to clean energy reduces pollution and improves air quality in disadvantaged communities far beyond SCP's territory.

As SCP has expanded to include Sonoma and Mendocino counties, grown as an organization, and been impacted by wildfires and COVID-19, our community relationships have deepened, and we have responded with programs which reflect our community's values. Our commitment to social and economic equity, the recently opened Advanced Energy Center, and strong online educational resources for customers and tradespeople are at the heart of our outreach, so that people of all income levels can transition their homes and businesses to clean energy, while helping our region reach our greenhouse gas reduction goals.

On the policy front, CalCCA – the statewide Community Choice Aggregation trade association – fought for SCP and other CCAs to receive partial reimbursement for unpaid customer bills during COVID-19. CalCCA won, and SCP and other CCAs will be able to recoup a significant portion of those losses.

Working in partnership with customer advocates, SCP staff identified errors in a proposal from PG&E to increase charges. PG&E admitted they had acted incorrectly and agreed to a settlement that reduced customer bills by over \$10 million. Currently, SCP is working on solutions for reducing the frequency and impact of PG&E's Public Safety Power Shutoff (PSPS) events on our customers.

Thank you for supporting the work of Sonoma Clean Power. We will continue to advocate for transparency, accountability, and inclusive decision-making by PG&E, and give our customers access to safe, clean, and reliable energy at a fair cost.

## Melanie Bagby, Chair



# Advanced Energy Center

SCP's Advanced Energy Center, made possible in part through a grant from the California Energy Commission, creates an interactive educational experience that brings clean, energy-saving solutions directly to SCP customers. Come explore up to twenty vendor displays of modern technologies for energy efficiency and fuel switching, attend virtual and in-person energy-related workshops and classes, and watch induction cooking demonstrations by local chefs, while kids of all ages can play, color, and learn in the Advanced Energy Center children's area. To help make the transition from gas-fueled appliances to cleaner, long-term cost saving options easy and affordable, SCP is providing \$2 million in incentives, **0% financing** that customers can pay back on their utility bill, and an online "matching" tool to connect customers with certified installation professionals who can bring their projects to life.

Visit the Advanced Energy Center at 741 Fourth Street in downtown Santa Rosa, or online at [scpadvancedenergycenter.org](http://scpadvancedenergycenter.org).

Take a virtual tour [here!](#)







# Offers & Incentive Programs

Through our customer programs, we are reducing emissions and making the all-electric lifestyle available for SCP customers in Sonoma and Mendocino counties. Below are some highlights from our programs this year.

## Bike Electric

To further reduce transportation-related emissions locally, Sonoma Clean Power launched Bike Electric to help income-qualified customers save \$1,000 on the purchase of an electric bicycle. In partnership with more than a dozen local retailers and the Sonoma County Bicycle Coalition, over 420 electric bikes and 117 complimentary helmets were incentivized through the program.

When compared to a traditional bike, electric bikes allow riders to travel longer distances in a shorter amount of time. The extra range and assisted pedaling can help replace car trips, ease commutes to work, and solve the "last mile" issue some people face when using public transit. With the adoption of electric bikes and carbon-free modes of transportation gaining support nationwide, SCP plans to expand Bike Electric to include more customers and pair the incentives with available state funding.



# GridSavvy

SCP's demand response program, GridSavvy, continues to grow with approximately **1,300** SCP customers and nearly **1,500** smart devices, such as electric vehicle chargers and smart thermostats, participating in demand response.

These smart devices can receive a remote signal from SCP, automatically adjusting usage while making energy saving easy.

GridSavvy reduces the strain on the electric grid during periods of high temperatures and can pre-cool homes with clean electricity. GridSavvy participants can earn discounts on smart devices and a monthly bill credit while helping to clean up California's energy grid.

[Learn more](#)

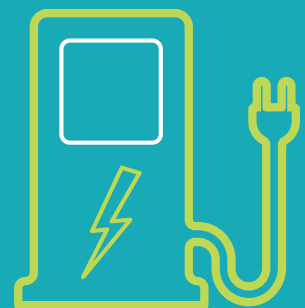


# Electric Vehicle Charging

In 2021, Sonoma Clean Power provided over **750** Level 2 electric vehicle (EV) home chargers to customers, with over 3,500 EV chargers provided since 2016!

Back in 2020, SCP and the Northern Sonoma County Air Pollution Control District partnered with the California Electric Vehicle Infrastructure Project for the Sonoma Coast Incentive Project. The goal was to increase access to public EV charging, particularly in rural and disadvantaged communities, throughout SCP's service territory. SCP completed seven of the funded projects in 2021. Next year, an additional **210** public chargers are scheduled for installation.

[Learn more](#)





# Procurement

SCP made major progress developing and contracting for energy storage in 2021. Storage is a key component of SCP's overall strategy to reduce our reliance on fossil fuel energy because it allows us to store solar power for use in the evening hours, after the sun has set. Our first major storage project is a 75-megawatt battery system installed on our existing seventy megawatt solar array in the Central Valley. It operates by charging from the grid and then discharging the power onto the grid in the evenings over a four-hour period. We have also worked with seven other CCAs to jointly buy an eight-hour battery storage system.

That process required those CCAs to first form a new entity, called CC Power, to negotiate and facilitate joint procurement for California CCAs. CC Power's purpose is to make it easier for CCAs to procure the resources we need to fulfill our Integrated Resource Plans, so the second effort we have launched is to buy more baseload renewable energy.

Another exciting update is the growth of our local EverGreen service. In 2021, the cities of Petaluma and Rohnert Park joined the cities of Santa Rosa, Sonoma, Sebastopol, and Cotati in subscribing all their municipal accounts to SCP's 100% locally produced, 100% renewable service. In addition, the County of Mendocino voted to upgrade all its accounts to EverGreen in early 2022.

EverGreen is special in another way, too. Since 2014, EverGreen was the first – and still the only – power supply we know of in the United States providing renewable energy 24 hours per day, year-round. That is important because it means EverGreen is already compliant with the State of California's SB100 requirements for the year 2046, 25 years ahead of schedule.

Lastly, over 950 of our customers upgraded to EverGreen this year!

With the support of more member cities and counties and customers joining EverGreen, SCP plans to develop an additional 10 MW of new solar and battery storage in Sonoma and Mendocino counties over the next few years.

## Battery Energy Storage System Lemoore, CA



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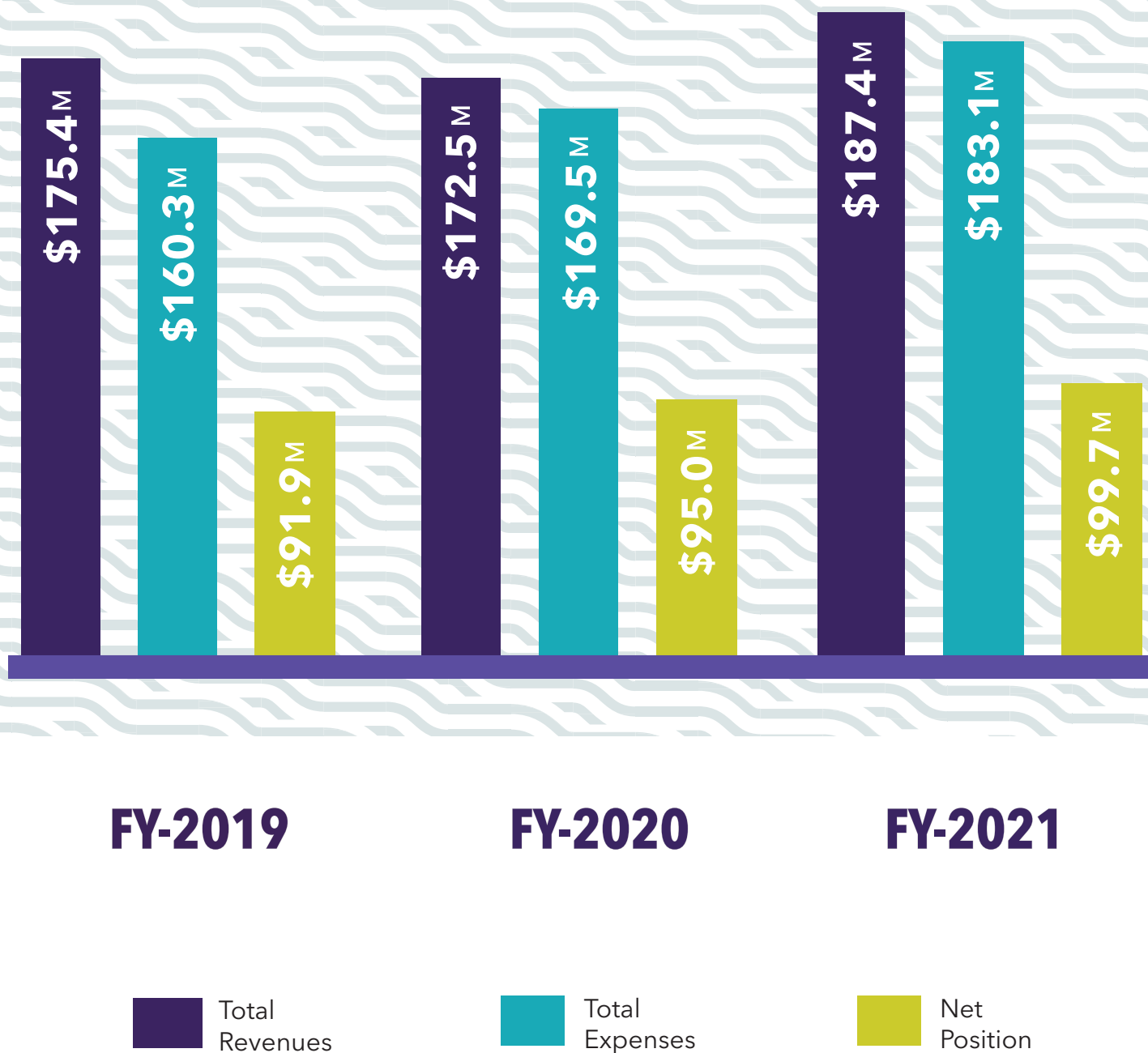
Ken Wells



# Financials

Sonoma Clean Power's revenues increased in 2021 partially due to the California Energy Commission's EPIC Grant. The grant is helping to fund the Advanced Energy Center and customer incentives on fuel-switching technologies. Our expenses increased as well, primarily due to higher wholesale costs of energy and resource adequacy required by the State. SCP continues to add to its net position, build reserves, and maintain a rate stabilization fund to protect customers from rate shocks.

For more detailed financial information, visit our [website](#).



# EverGreen

In 2021, Surf Market in Gualala began powering their store with 100% renewable, locally produced electricity. You, too, can power your home or business with renewable energy 24/7 with Sonoma Clean Power's EverGreen service. Reduce your impact and support renewable energy in our community.

*"Surf Market was founded in 1956 to serve the needs of our community. Now as we celebrate 65 years of service, our commitment to benefiting our community has evolved to include powering the market with 100% renewable energy."*

*-Steve May | Owner of Surf Market*

## See who else made the switch in 2021!

- **Arena Theater**
- **City of Rohnert Park**
- **County of Mendocino**
- **County of Sonoma Regional Parks**

[cleanenergyfuture.club](https://cleanenergyfuture.club)







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