EAST BAY COMMUNITY ENERGY

EBCE Community Grants CAC Discussion

October 2023

Previous Community Grants

2019 Community Innovation Grants

- 6 grants of $40K for projects that delivered local benefits in energy related areas

COVID Relieve Grants

- $2M in grants to local governments, CBOs, food banks, businesses, workforce training organizations and medical organizations during the COVID-19 lockdown to help at risk community weather the crisis

2022 Community Outreach Grants

- $150k in grants to 6 organizations to assist with customer education and enrollment in low-income assistance programs like CARE and the Arrearage Management Program (AMP)

Community Sponsorships

- Community Sponsorships are awarded three times per year. The maximum award amount is $2,500 per organization per award round, and EBCE funds approximately 12 recipients per round. We are currently accepting applications for the August 2023 round.

Community Grant Budget Approval

- Total budget of $5.6M for Community Grants over 4 years ($1.4M/year)
- Board directed staff to consider fewer, larger grants that are multi-year, to invest in CBO engagement and capacity building (e.g., $100k/year)
- Budget allows for 4-5 grants of $100k/year for 3-years
- Grants will be focused on promoting EBCE Programs areas across the community, according to the table below
- Grant recipients are not required to work directly with EBCE or promote EBCE Programs specifically

Funding Category	Transporation Electrification	Building Electrification	Community Resilience	Energy Efficiency
Education / Awareness				
Program Enrollment				
Workforce Development				

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Proposed Grant Structure and Schedule

- EBCE will plan to issue 4 funding solicitation, ~1 per year starting in 2023 and ending in 2028
- Proposed schedule: November 2023, January 2024, August 2024, August 2025
- In final selection for initial Induction education and awareness grant
- Grants will be for multiple years, EBCE Board recommended 3-year terms, TBC
- $5.6M total budget allocation would be distributed according to the following table

Grant Cycle	Grantee #	2023	2024	2025	2026	2027	2028	Total / Grantee
Cycle 1	Grantee 1	$ 100	$ 100	$ 100				$ 300
	Grantee 2	$ 100	$ 100	$ 100				$ 300
	Grantee 3	$ 100	$ 100	$ 100				$ 300
	Grantee 4	$ 100	$ 100	$ 100				$ 300
	Grantee 5	$ 100	$ 100	$ 100				$ 300
Cycle 2	Grantee 6		$ 100	$ 100	$ 100			$ 300
	Grantee 7		$ 100	$ 100	$ 100			$ 300
	Grantee 8		$ 100	$ 100	$ 100			$ 300
	Grantee 9		$ 100	$ 100	$ 100			$ 300
	Grantee 10		$ 100	$ 100	$ 100			$ 300
Cycle 3	Grantee 11			$ 100	$ 100	$ 100		$ 300
	Grantee 12			$ 100	$ 100	$ 100		$ 300
	Grantee 13			$ 100	$ 100	$ 100		$ 300
	Grantee 14			$ 100	$ 100	$ 100		$ 300
	Grantee 15			$ 100	$ 100	$ 100		$ 300
Cycle 4	Grantee 16				$ 100	$ 100	$ 75	$ 275
	Grantee 17				$ 100	$ 100	$ 75	$ 275
	Grantee 18				$ 100	$ 100	$ 75	$ 275
	Grantee 19				$ 100	$ 100	$ 75	$ 275
	Total	$ 500	$ 1,000	$ 1,500	$ 1,400	$ 900	$ 300	**$ 5,600**

Funding in thousands ($000)
Table for for example purposed and is based on annual grant cycle for simplicity

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June Community Working Session

- 30 participants in hybrid meeting to discuss grant ideas and opportunities
- 4 workgroup sessions to discuss grant ideas
- EBCE staff reviewed workshop notes and synched with program activities and opportunities
- Staff proposes the follow 4 grant opportunities to issue in November 2023
- Each grant would be $300k over 3 years

Proposed Grants (slide 1 of 2)

1. Climate, renewable energy, electrification energy education and awareness in primary, middle school

- The grant would pay for development and delivery of educational material and solutions oriented training on the clean energy transition and climate change
- Outcomes/objectives: deliver positive climate and solutions education to local primary and secondary schools

2. Community ownership of EV charging stations

- EBCE has contacted with Tesla who is willing to donate free level 2 chargers to CBOs for Community-Owned Electric Vehicle Charging Stations. Tesla will donate chargers that either work with Tesla vehicles or the universal chargers that work with non-Tesla vehicles.
- The grant would support a local CBO to identify other CBOs and organizations in Communities of Concern that are willing to host one or more EV chargers at their facility
- EBCE would connect Tesla with the CBO to provide free chargers and the $300k grant would go towards administering the program and providing incentives for the electrical costs to install the charger (ie, $1,000 per charger installed)
- Outcomes/objectives: install ~250 locally owned EV chargers in Communities of Concern

Proposed Grants (slide 2 of 2)

3. Resilience Hub Community Development

- EBCE has allocated $2M to developing community Resilience Hubs outside of the Critical Municipal Facilities program for City buildings.
- The grant would be used to convene local groups to identify how EBCE's program can best deliver Resilience hubs to our customers including:
- Identifying opportunities to scale community resilience hubs
- Evaluating community ownership models
- Identifying sites that deliver resilience and develop a technical assistance program
- Identifying grant writing services
- The selected CBO would then work to administer the $2M Program over subsequent years

Outcomes/Objectives: Design of EBCE Community Resilience Hub Program and development of 50-150 resilience hubs over 3 years

4. Clean Energy Jobs - youth training for the energy transition

- The clean energy transition requires a new workforce in construction, electrification and mechanical trades
- The grant would pay for High School and vocational training to increase interest in clean energy jobs
- Outcomes/Objectives: trainings, presentations at job fairs and high school career days, encouraging enrollments in job training programs with Rising Sun, Cypress Mandella, CTWI and others

Appendix 1
Community Workshop Notes

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Community Workshop Notes (Breakout Group #1)

General

- Filling Gaps, focus on who benefits: reaching populations that are being left out of energy transition
- populations with low engagement/enrollment
- Renters - specifically multifamily hardest to reach
- **Building on existing community efforts**

Grants

- **Collaborative grants with experts and CBOs**
- Smaller grants for building capacity - Org Building capacity
- smaller bridge grants to help build pilots and build capacity for larger pilots
- focus on existing buildings for energy efficiency and electrification
- **Assist CBOs in acquiring external funding**

Community Workshop Notes (Breakout Group #2)

General

- **Educational workshops to explaining/explore EBCE goals, solar and storage**
- Streamline permitting and service upgrade requirements

Grants

- **Health education - reporting on issues re. building electrification and decarbonization**
- Conceptual studies - how to break up the grid to enable island able areas
- **Community wealth building - through community ownership of energy assets**
- **Micro grid developed by CBOs (Livermore airport)**
- District heat network - owned by the community for affordable access to hot water
- Support cities review franchise agreements with PGE to do code upgrades for building electrification in existing
- **Workforce dev - funding to cover range of training (high school, college, unemployed populations, women, and historically marginalized populations)**

Community Workshop Notes (Breakout Room #3)

- Hybrid grants / smaller grants for building capacity
- Funding coalitions and collaboratives through lines for with larger grants, fund smaller grants that are collaborative
- Covid focus
- Access to renters
- Have a broad categorization of areas
- **Work Force Development**
- Fixit centers, maker centers youth making batteries
- **Ownership is key in community resilience**
- **Community Resilience is food security**
- Broader accessibility to Community Innovation Grants

Community Workshop Notes (Breakout Room #4)

- **Agreed with larger multi-year grants and having a longer term grant is helpful for hiring people**
- **Vehicle electrification, entry level job training on repairing EV charging stations (EVITP)**
- EE, low income and senior focus, Spectrum provides bill relief and support for paying utility bills
- **Science lessons built into classrooms, teaching about induction and nutrition. Students teach as capstone projects to their families who then can keep the induction hobs**
- **Aaron Ravens works on Induction grant with Oakland schools**

Appendix 2
2019 Community Innovation Grants Recipient Details

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Innovation in EV Charging for MUDs

Grant highlighted the need for innovative and equitable EV charging solutions to increase access to sustainable transportation for residents of multi-unit dwellings.

- Multi-Unit Dwelling (MUD) residents face significant barriers to adopting electric vehicles (EVs) due to the lack of access to **convenient and affordable charging infrastructure**.
- Innovative EV charging solutions, such as **smart charging and shared charging**, can help overcome these barriers and increase the adoption of EVs in MUDs.
- Smart charging technologies, including **load management and peak-shaving**, can reduce charging costs and increase the availability of charging infrastructure.
- Shared charging models, such as **co-op ownership and time-of-use charging**, can increase access to charging infrastructure and reduce costs for MUD residents.
- Policy solutions, such as **mandating EV readiness in new construction** and **providing financial incentives for EV charging infrastructure**, can help accelerate the adoption of EVs in MUDs.

People Power Solar Cooperative: A Community-Driven Model for Expanding Solar Access

PEOPLE POWER
SOLAR COOPERATIVE

*Grant highlighted the potential of **community-driven cooperative models to expand solar access** and address issues of **energy affordability and equity** for low-income residents and communities of color.*

- The People Power Solar Cooperative (PPSC) is a community-driven model for expanding solar access that aims to make solar energy accessible and affordable for low-income residents and communities of color.
- PPSC utilizes a cooperative ownership model that enables residents to invest in and collectively own solar panels, which reduces the upfront costs of installing solar systems.
- The program also provides job training and employment opportunities for residents in the solar industry, creating local economic benefits.
- PPSC successfully installed 200 kW of solar energy capacity on four affordable housing buildings in Oakland, California, serving 102 low-income residents and reducing their energy bills.
- The program also provided extensive community engagement and education to increase awareness of solar energy and the benefits of cooperative ownership models.
- PPSC demonstrated the feasibility and effectiveness of community-driven solar access programs and provided a replicable model for other communities seeking to expand solar access.

Community Impact Lab

COMMUNITYIMPACTLAB

Changing the way families live, give, and grow.

Community Impact LAB partnered with East Bay Community Energy to implement a year-long Energy Conservation Initiative in Alameda County.

- The initiative aimed to educate and empower individuals, families, and businesses to tackle climate change through energy conservation and literacy.
- The project included **two conservation challenges, family-friendly workshops, and an online educational campaign**.
- The energy conservation challenges brought together cohorts of Alameda County families to learn about the **climate impact of daily activities and ways to lower their environmental impact**.
- The initiative empowered families to promote and achieve a basic understanding of energy, identify individual action-oriented steps to reduce energy consumption, and encourage organizations to make a positive environmental impact.
- The biggest challenge to completing the initiative was the need to pivot to online engagement due to the Covid-19 pandemic. Overall, the initiative successfully empowered and educated families and businesses to decrease societal consumption of energy resources.

Rising Sun Energy Center Community Innovation

RISING SUN
CENTER FOR OPPORTUNITY

Creating equity, enablement, and economic opportunities while addressing environmental and social justice issues.

- The Rising Sun Energy Center (RSEC) is a non-profit organization that provides **job training and employment opportunities in the clean energy sector**, with a focus on serving disadvantaged and underrepresented communities.
- RSEC's Energy Specialist Training Program (ESTP) provides hands-on training and certifications in solar installation, energy efficiency, and electric vehicle (EV) charging infrastructure, preparing participants for careers in the growing clean energy industry.
- Community Innovation Grant Program, which p**rovided funding for ESTP graduates to install free EV charging stations in low-income communities and affordable housing complexes.**
- The program successfully **installed 10 Level 2 EV charging stations in Alameda County**, California, providing access to clean transportation and reducing greenhouse gas emissions.
- The program also provided **employment opportunities for ESTP graduates and contributed to local economic development and workforce training**.
- The program demonstrated the **potential for job training and clean energy initiatives** to address environmental and social justice issues and **create a more sustainable and equitable future**

West Oakland Environmental Indicators Project

- West Oakland Environmental Indicators Project's West Oakland Renewable Project (WORP) developed a business model for **partnerships between local communities and commercial property owners/developers**.
- Generating profits from energy sales to support various energy resilience programs for income-qualified residents.

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2019 Community Innovation Grant Evaluation Criteria

Primary Project Objectives (meets all two) 70%

Community Benefits 50%

Delivers local energy-related benefits to targeted communities (e.g., low-income, disadvantaged, EJ, and/or hard-to-reach groups) in areas such as job creation, workforce development, economic empowerment, and climate and social resilience. 50%

Innovation and Collaboration 20%

New, community collaborative approaches to eliminating or reducing energy-related environmental or economic community impacts.

Secondary Project Objectives (meets two of the following four) 30%

Local, Clean Energy Projects 15%

Proposes plans to identify or develop local renewable energy, energy efficiency or fuel switching in Alameda County that increases community access to or ownership of clean energy.

Community Health 15%

Reduces greenhouse gases (GHG), local criteria pollutants or energy bills in communities demonstrating an impact on local community health and quality of life.

Scalability 15%

Able to be expanded across other EBCE communities and beyond.

Increase Energy Literacy 15%

Proposes plans to increase participation and public understanding of energy concepts and programs.