

# Rural Energy Pilot Program Application Guide Monterey County Full Application

Instructions and notice to applicants:

- This guide is intended to help you, but you do not have to use it in order to submit an application.
- Using the application guide will not favorably impact your application.
- Regardless of whether or not you use the guide, you must complete and submit all required federal forms and registrations, and include documentation that supports applicant and project eligibility claims, priority points, and verifications of reserved and matching funds.
- You also must ensure you provide complete responses to all eligibility and evaluation questions. This includes summarizations of certain parts of your business plan, which you also will provide in its entirety as an attachment to your application.
- Incomplete applications will not be considered for funding.
- Certifications, statements, and other standard terms used in this guide (examples include "you," "I," "we," "it," "applicant," "entity," and "grantee," among others) refer to the **legal entity** applying for the REPP grant. By checking, signing, or otherwise acknowledging these elements, you confirm they are true and correct.
- To be considered for REPP funding, you must submit your complete, signed application and all required documents to the secure Cloud Vault link provided to you by the Agency no later than **11:59 p.m. eastern time on July 18, 2022.**

A note about website links: For ease of reference, this guide provides links to relevant, useful information hosted outside the USDA domain. Federal endorsement of non-USDA programs or activities is neither intended nor implied. Please be aware that, when you access information through a link provided in this document, you are subject to the copyright and licensing restrictions of those sites. All links in this document were active as of April 2022.

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## Program Overview

The Rural Energy Pilot Program (REPP) offers grant assistance to Rural Energy Community Partnerships (RECPs) to develop renewable energy to help meet our nation's energy needs and combat climate change while prioritizing environmental justice, racial equity, and economic opportunity. Established to provide community-scale renewable energy benefits and help in underserved rural communities, examples of RECPs include nonprofit or state-based organizations, federally-recognized Tribes, and municipalities or other public bodies.

REPP funds can be used to pay for up to 80 percent of eligible project costs directly related to commercially-available, community-based and scaled renewable energy systems. Up to 20 percent of awarded funds also can be used for community energy planning, capacity building, technical assistance, efficiency, and weatherization.

The maximum grant award per applicant is \$2 million, with a grant term of three years.

## **Document Purpose**

The purpose of this guide is to help eligible applicants navigate REPP requirements and submit a complete application as required in the Notice of Funding Opportunity published in the *Federal Register* (available at this link: <u>https://go.usa.gov/xuTqN</u> – PDF).

## **Required Forms**

The following forms (available at this link: <u>https://go.usa.gov/xu2Mn</u> – click "To Apply") are required to complete your REPP application.

- Form SF-424 "Application for Federal Assistance"
- Form SF-424C "Budget Information Construction Programs"
- Form SF-424D "Assurances Construction Programs"
- Form SF-LLL "Disclosure of Lobbying Activities"
- RD Form 400-1 "Equal Opportunity Agreement"
- RD Form 400-4 "Assurance Agreement"
- RD REPP "Environmental Checklist"

## **Optional Form**

You will find this form under the "Related Documents" tab at <u>www.grants.gov</u>:

• AD-2106 "Form to Assist in Assessment of USDA Compliance with Civil Rights Laws"

## **Application Resources**

- 1. To register with SAM (no charge):
  - Website: <u>https://sam.gov/content/home</u>
  - Unique Entity Identifier (UEI) required to apply
- 2. Alcohol and Tobacco Tax and Trade Bureau (TTB):
  - Website: <u>https://www.ttb.gov/</u>
  - Required for projects related to alcoholic beverages
- 3. USDA Agricultural Marketing Service Hemp Production Program:
  - Website: <u>https://go.usa.gov/xuZNY</u>
  - Required for projects related to the domestic production of hemp

## **Application Template**

## Section 1: Summary Information

| 1 | Applicant entity's legal name        | County of Monterey |
|---|--------------------------------------|--------------------|
| 2 | Employer Identification Number (EIN) | 94-600524          |
| 3 | Unique Entity Identifier (UEI)       | JKHSNNJ5H3Y5       |

## Section 1.2: Applicant Type

State, political subdivision or special purpose unit of a state, or a local government or consortium of political subdivisions engaged in rural economic development activities

The County of Monterey is a political subdivision of the State of California.

## Section 1.3: Preparer Information

| Name         Cora Panturad, Sustainable Infrastructure Analyst |  |
|--|--|
| Affiliation  | Employee of Monterey County Sustainability Program |
| Date   | 6/16/2022  |

## Section 2: Project Executive Summary

- Limit your summary to one page.
- An updated summary taken from your Letter of Intent (LOI) is acceptable.

### Executive Summary Rural Community Resiliency: Clean Transportation and Cooling Center

The County of Monterey Sustainability Program and ENGIE, Inc. formalized a Renewable Energy Community Partnership (RECP) to pursue the Renewable Energy Pilot Program (REPP) grant opportunity. The County is geographically and economically diverse thanks to our robust tourism and agricultural industries; however, there is a significant economic disparity between the wealthier coastal areas and the under-resourced rural communities of the County, such as King City, which has been identified as economically, linguistically, and racially vulnerable. For these reasons, this RECP's goal is to leverage local public resources and federal funding to equitably provide infrastructure that increases the sustainability, resiliency, and quality of life for rural King City residents.

We aim to accomplish this by installing distributed energy resources (DER) including a 200 kwh battery storage system, solar panel carport canopies with about 85 kW of solar, and electric vehicle charging stations (EVCS) at the King City Courthouse to provide a resilient cooling hub, emergency access to electricity, and convenient charging for electric vehicles (EV), so that rural residents are not left behind in the transition away from internal combustion engine vehicles. To foster equity, the RECP will provide local residents with free or reduced cost charging, and the County is exploring options to channel EVCS profits towards the community via cash incentives to help local residents purchase EVs. This will help economically vulnerable residents by increasing their ability to adopt EVs and benefit from their substantial operating cost-savings, especially considering that rural residents spend more time driving and can benefit from EV economics more than urban drivers. The impetus for this project is the need to re-pave the Courthouse parking lot to ensure ADA compliance and provide residents with infrastructure that increases the sustainability and resiliency of the community for a better future, as well as to meet the needs of today.

RECP members are well positioned to implement this project. If awarded, the County will advance the project through the Board of Supervisors approval process, provide facility access, and leverage our Communications Program to provide multilingual engagement to rural residents about the resilient cooling center and how to participate in the economic benefits of the project. As the single design-build contractor for the full project scope, ENGIE will design the DER elements and prioritize microgrid design to reduce the lead time of battery acquisition and the permitting process. Once the design has been approved by the County, ENGIE will efficiently manage the construction process and delivery of materials to complete the project in a 12–14-month timeframe from the grant award date.

To fund this project, we are requesting the REPP provide \$2 million in funding for capital expenditures such as purchasing DER equipment, engineering expenses, and construction costs. The County will request the Board of Supervisors to provide the 20% match requirement of \$400,000 from an available fund. During the Board Meeting, this project was praised by Supervisors, indicating that an affirmative funding vote is very likely.

While Sustainability Program staff recognize the need to fully transition to EVs, there are internal concerns including range anxiety and the lack of EVCS in Monterey County, especially in rural areas. If awarded, this project will provide a foundational proof of concept for investing in DERs and EVs in all our communities. The RECP will use this momentum to propose additional projects that align with the County's Climate Action Plan goals and ENGIE will continue to inform these efforts at community workshops.

## Section 3: Applicant Eligibility Requirements

To address this section, use the *Federal Register* Notice of Funding Opportunity (available at this link: <u>https://go.usa.gov/xuTqN</u> – PDF) associated with the Rural Energy Pilot Program (REPP) Grant. All applicants must read, certify, and appropriately acknowledge the following information:

## Section 3.1: Location

☑ I am an applicant (a state, Tribal, local, municipal, public body, or eligible nonprofit organization) located in the United States or its territories, the Republic of Palau, the Federated States of Micronesia, The Republic of the Marshall Islands, or American Samoa.

## Section 3.2: Legal Responsibility and Authority

- ☑ I have the legal authority to carry out the purposes of this grant, -AND-
- ☑ My organization is in good standing in the state in which it is incorporated, or in the state in which the organization's operations are primarily located
- ☑ In Appendix B, I have attached a copy of or excerpt from my organizational documents confirming legal authority to carry out the purposes of the REPP grant on behalf of my organization

## Section 3.3: Single Grant Eligibility

☑ I confirm I am submitting only one application in response to this notice. This includes separate but related applicant entities with greater than 75 percent common ownership, or from a parent, subsidiary, or affiliated organization.

## Section 3.4: Known Relationship with a Rural Development Employee

- ☑ I certify that I DO NOT have a known relationship or association with a USDA Rural Development employee.
- □ I certify I DO have a known relationship or association with an RD employee.

## Section 3.5: Outstanding Judgments or Delinquencies

- ☑ I certify that the United States does not have an unsatisfied judgment against my property, and that I will not use grant funds to pay any judgments obtained by the United States.
- ☑ I certify that I am not delinquent on payment of federal income taxes or any other federal debt.

## Section 3.6: Alcohol and Tobacco Tax and Trade Bureau

- □ I **DO** currently have an alcohol license or permit that meets TTB requirements (See Appendix E for additional information).
- □ I **DO NOT** have an alcohol license or permit that meets TTB requirements
- □ I DO NOT have an alcohol license or permit that meets TTB requirements, but I started the process for a permit on [enter mm/dd/yyyy below]
- ☑ **NOT APPLICABLE:** This is not an alcohol-related project.

## Section 3:7: Hemp Production Program Regulations – USDA AMS

- I DO currently have a hemp producer license issued by an approved state, Tribal, or federal plan according to Fiscal Year 2018 Farm Bill provisions (See Appendix F for additional information).
- □ I **DO NOT** have a hemp producer license issued by an approved state, Tribal, or federal plan according to Fiscal Year 2018 Farm Bill provisions.
- ☑ **NOT APPLICABLE:** This is not a hemp-related project.

## Section 4: Project Eligibility

Explain in detail how your project will meet REPP purposes. Projects must develop or establish clean energy communities by deploying community-scale, distributed or renewable energy technologies and systems. You must provide all requested information either in the body of the application, or in the appropriate appendix.

This project meets the three primary goals of the REPP as follows:

- 1. Assisting rural residents recover economically from the impacts of the COVID-19 pandemic, especially disadvantaged communities.
  - a. Rural households can save between \$1,900-\$2,800 annually by switching to an EV, which is even greater than the savings potential that urban drivers have from

EV conversion.<sup>1</sup> We aim to further assist our rural residents by two equity measures of this project: free or low-cost charging and channeling EVCS profit to cash incentives for residents to purchase new and used EVs. The free or lowcost charging will help energy burdened residents and increase the savings potential of switching to an EV. Meanwhile, the EVCS profit to EV incentive program will allow revenue collected from any drivers passing through 101 Corridor will be used directly to benefit disadvantaged residents. This "Community Decarbonization Fund" will continue to explored by Sustainability Program staff to make a reality using this REPP EVCS revenue as a pilot.

- b. This projected directly impacts a disadvantaged rural community as shown through equity tools of the Economic Innovation Group's Distressed Communities Index Interactive Map (DCI), CDC Social Vulnerability Index (SVI), Opportunity Zone Activity Map, and the definition of Disadvantaged Community; (supporting documents for these resources are gathered on Appendix D). The DCI categorizes King City as "At-Risk" with a score of 78.5 and the SVI categorizes the area, (Census tracts 113.02 & 113.04) as "Highly Vulnerable" with overall SVI scores of .8814 and .8114, respectively. The King City Courthouse resiliency hub and EVCS infrastructure will provide low-cost EV charging capability to the Certified Opportunity Zone of Census Tract 113.02, which is less than 1,000ft away. Additionally, the majority low-income and people of color population allow this area to be defined as a Disadvantaged Community due to the "High Vulnerability" designations in the SVI themes of Minority Status & Language, Housing & Transportation, and Socioeconomic as well as the DCI demographic data.
- 2. Ensuring all rural residents have equitable access to Rural Development programs and benefits from projects.
  - a. There has been an acceleration of EV adoption and EVCS infrastructure in recent years, however much of that investment has occurred in densely populated urban centers where EVs have been more likely to be adopted.<sup>2</sup> This critical gap in investment threatens to leave rural residents behind in the transition to EVs. This REPP aims to fill that gap by directly investing in resilient EVCS infrastructure to ensure equitable transportation for rural residents, even when the power goes out.
- 3. Reducing climate pollution and increasing resilience to the impacts of climate change

<sup>&</sup>lt;sup>1</sup> Lowell, D., Van Atten, C., Culkin, J., & Langois, T. (2020). (rep.). *Clean Transportation Strategies for Rural Communities in the Northeast and MidAtlantic Sta*. M.J. Bradely & Associates. Retrieved from https://www.mjbradley.com/sites/default/files/MJBA\_Report\_Rural%20Transportation%20Opportunities\_Final\_0.pdf.

<sup>&</sup>lt;sup>2</sup> Electrification Coalition. (n.d.). *Electric Vehicles in Rural Communities*. Retrieved April 19, 2022 from <u>rural-guide.pdf (electrificationcoalition.org)</u>

through economic support to rural communities.

a. In addition to the resilient transportation benefits mentioned in the previous paragraph, this REPP transforms the King City Courthouse into a community charging center and decarbonized resilient cooling hub that will provide residents with crucial access to electricity during natural disasters and PG&E scheduled public safety power shutoff events. Adding a microgrid to power the facility during outages will improve connections between local government and the community in King City. By serving as a community microgrid location, the courthouse will provide not only public safety and criminal justice locally in a remote part of the County, but also support for vulnerable residents in need of cooling during summer power outages. By centering a microgrid around solar and battery energy storage, the project will also improve health outcomes by lowering local air pollution.

## Section 4.1: Eligible Purposes

☑ I certify REPP funds will be used only to pay eligible project costs directly related to the establishment or development of a clean energy community by deploying community-scale, distributed or renewable energy technologies and systems. This includes associated machinery, materials, or equipment such as:

- Construction, retrofitting, replacement, or improvements
- Fees for construction permits and licenses

Professional service fees for qualified consultants, contractors, installers, and other eligible third-party providers

☑ I certify that not more than 20 percent of awarded funds will be used for eligible project costs related to community energy planning, capacity building or technical assistance, and the activities, materials, and equipment associated with energy efficiency or weatherization.

## Section 4.2: Commercially-available Technologies

- ☑ I understand our REPP project must use commercially-available technology that meets the requirements outlined in paragraph 1 or 2, below:
  - 1. A domestic or foreign system that:
    - a. Has, for at least one year specific to the proposed application, a proven and reliable operating history and performance data
    - b. Is based on established design and installation procedures and practices, and is replicable
    - c. Has professional service providers, trades, large construction equipment providers, and laborers familiar with installation procedures and practices
    - d. Has readily available, proprietary and balance of system equipment and spare parts
    - e. Has readily available service to properly maintain and operate the system
    - f. Has an established warranty valid in the U.S. for major parts and labor
  - A domestic or foreign renewable energy system certified by a recognized industry organization whose standards are acceptable to Rural Development. A renewable energy system is considered to have demonstrated **commercial availability** if it has been certified by a recognized industry organization whose certification standards are acceptable to Rural Development.

## Examples include:

a. Small Wind Certification Council (available at this link: <u>https://smallwindcertification.org/</u>)

- b. Solar Rating and Certification Corporation (available at this link: <u>https://solar-rating.org/</u>)
- c. Florida Solar Energy Center (available at this link: <u>https://energyresearch.ucf.edu/solar-certification/</u>)
- d. American Wind Energy Association (available at this link: <u>https://cleanpower.org/</u>)
- e. Intertek Small Wind Certification Program (available at this link: <u>https://www.intertek.com/wind/directory/</u>)

## Section 4.3: Technical Merit

☑ I acknowledge USDA's Rural Business-Cooperative Service (RBCS) will use the information provided in this application – including attachments – to determine the technical merit of all proposed projects, and only those projects with technical merit will be eligible to receive funding.

In making this determination, Rural Development can, at its discretion, engage the services of other government agencies or recognized industry experts.

## Section 4.4: Rural Area Location

☑ I understand the project and designated service area must serve a "rural area" as defined on page 2750 in the Notice of Funding published in the January 22, 2022 *Federal Register* (available at this link: <u>https://go.usa.gov/xuTqN</u> – PDF)

You can check the address of your designated service area or project by visiting the USDA Property Eligibility Map at this link: <u>https://go.usa.gov/xuTrc</u>. Select "Rural Business," and the click the link associated with the REPP.

This project location at the King City Courthouse at 250 Franciscan Way, King City, 93930, CA is designated rural by the USDA Property Eligibility Map as shown in the image below:



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## Section 4.5: Work Plan and Budget

### **Key Activities**

#### Development

The foundation of our team project management approach is frequent and open communication. This commitment means that our team will provide highly agile support to the County at every phase of the project, ensuring we can accommodate the project's specific needs and challenges. ENGIE plans solar PV, e-mobility, and resiliency projects beginning with local site needs and goals and working our way back to the initiation of design work. Specific design management activities (e.g., designing to budget, quality control holds, design freeze points, and review and approval cycles) are planned in advance, monitored, and updated to optimize efficiencies and ensure all team members are aware of their roles in keeping the project moving ahead. At each stage, design decisions consider the full knowledge of cost and schedule implications to guard against scope creep.

Once the grant agreement is executed and while a contract is being agreed between the County and ENGIE, the project management and engineering team will focus on understanding the existing site conditions. It will be important to spend the time in the initial phase of the project to make sure the design and construction efforts are well planned from the start. In tandem, County Sustainability Program staff will present this grant application to both the Budget Committee and Capital Improvement Committee this Summer in advance of the grant award to reduce the administrative delay in the first phases of the project. If awarded, staff will be able to move directly to the Board of Supervisors and begin working on the contract.

ENGIE will develop and present 50% and 90% design sets for the review and comment by the County. After incorporating the design review comments, ENGIE will prepare the complete design package for permitting submittal.

Once the design is finalized the ENGIE project team will focus on procurement. The batteries are the longest lead time equipment, and their procurement will have to be prioritized to keep the project on schedule. ENGIE will focus on having the procured equipment only delivered to the site when it is needed for installation, to prevent interfering with ongoing site operations during construction. ENGIE will leverage its supply agreements with various Tier 1 solar module suppliers to ensure the best value and performance that can meet the County's schedule for construction. ENGIE will work closely with building occupants in the planning and construction phases to reduce the parking disruption.

#### Delivery

During the construction phase of the project, ENGIE anticipates having an on-site construction manager every day, to oversee safety plans, coordinate subcontractors and ensure work is completed properly. They are responsible for construction scheduling, subcontractor and vendor coordination, safety programs, security issues, permits and licenses, and progress meetings with subcontractors and vendors. They inspect all work of the subcontractors for compliance to design and performance specifications. All construction staff are OSHA-trained and follow a Comprehensive Site Safety Plan for each site to identify and manage potential safety risks.

ENGIE has a team of experienced engineers and technicians that will commission the microgrid system. It is important to test every aspect of the microgrid operation to ensure it will provide the County and the community the critical resiliency required during natural disasters and public safety

power shutoff (PSPS) events.

As the single design-build contractor for the full project scope, ENGIE will consider and implement measures to reduce costs, improve schedule and minimize the impact on site operations. One example of this could include ENGIE drilling piers while the parking lot is unoccupied, to minimize disruption and shorten construction timelines, and completing microgrid designs quickly to submit necessary utility interconnection applications early to allow for proper review.

#### Operations

Once constructed, the project team has already carefully considered project operations to ensure the community benefit over the long term.

Of particular importance to the key equity goals of the grant, we anticipate operating the EV charging stations to allow free or reduced-cost charging to local residents. Local residents can be identified either through an RFID card issued to them, or through the account on a mobile app they use to initiate charging. Software included in the project cost will allow the project to collect charging fees from drivers who use the stations but live outside the targeted areas, while offering free or reduced cost charging to local residents. The Sustainability Program is also exploring options to use any profit from the EVCS as additional cash incentives to help rural residents adopt new and used EVs. Local and state incentives can dramatically reduce these costs, but lower-income residents often find EVs inaccessible from cost considerations. Furthermore, most incentives exclude used vehicles, which makes the most affordable EV options for low-income residents infeasible. This accounting mechanism will require further innovation and legal approval by the County, but will be made more feasible by a ready source of revenue to support community EV acquisition and decarbonization efforts.

A coordinated, multi-lingual communications effort will play a key part in ensuring that local residents feel able to shelter at the resilient cooling center during times of extreme heat and emergencies. Similarly, the County will lead an ongoing effort to promote the economic benefits of EVs for rural drivers, the low cost EVCS, and the availability of cash incentives to adopt EVs. The County Communications Program has dedicated staff capable of creating and disseminating multi-medium outreach campaigns to inform the community of these efforts. Sustainability Program staff will coordinate with the Communications Program and ENGIE to produce these materials.

Microgrid operations require a robust plan to maintain emergency readiness, including quarterly load reviews, annual simulated event readiness tests, coordination for planned and unplanned outages, and post-event reviews. Quarterly load reviews proactively alert the project team if the energy usage of the building has changed over time, in a way that would put the operations during an outage at risk. These reviews can result in recommended operational changes, or revisions in the coverage estimate during outages.

Annually, the project team will perform a test of the microgrid operations, in cooperation with building users. This test will put the microgrid system into islanding mode to ensure all systems work as expected. In the event of planned outages, the project team will prepare the site to maximize resilient operations. The microgrid will be programmed to operate in islanding mode in the event of unplanned outages as well. After any outage, the project team will review energy data to improve future operations.

For the Solar PV canopies, ENGIE can provide inspection, preventative and routine PV systems maintenance, responsive maintenance, and emergency repair services. The company currently cleans, monitors and maintains dozens of similar systems elsewhere in the County with local staff.

System performance is continually evaluated by comparing onsite solar Net Generation Output Meter (NGOM) production data and actual onsite measured weather data to the production values predicted by industry-standard solar energy production modeling software. This notifies the project team of any issues impacting solar production.

## **Projected Budget**

• A budget breakdown of estimated costs for eligible activities and tasks

| Project Element  | Projected Cost |
|--|----------------|
| Resurface Existing Parking Lot (under 75,000 sq ft)  | \$365,000      |
| Solar PV Canopies  | \$1,500,000    |
| Electric Vehicle Charging Stations   | \$200,000      |
| Microgrid and Electrical Infrastructure  | \$580,000      |
| Project Contingency (Utility Interconnection, Materials Cost Increases, Unforeseen Conditions) | \$200,000      |
| Total  | \$2,845,000    |

The table above outlines the estimated turn-key project component costs, including materials, labor and construction management.

## **Key Personnel of RECP**

## **County of Monterey Sustainability Program**

Cora Panturad, Sustainable Infrastructure Analyst: As the Sustainable Infrastructure Analyst in the Monterey County Sustainability Program, Cora focuses on how we can improve the ways we interact with the built environment for a more just future while meeting the needs of today. She uses a triple bottom-line approach that recognizes the environmental, economic, and social spheres of sustainability and strives to center equity in her work. Cora has a master's degree in International Environmental Policy from the Middlebury Institute of International Studies and a BA in International Studies and French from Butler University. She currently lives in Monterey, CA.

Ashley Paulsworth, Sustainability Program Manager: Ashley is a sustainability and clean energy technology expert with experience in developing and operationalizing sustainability efforts in both the public and private sector. She has extensive experience in navigating the complexities of deploying novel clean energy technologies and communicating technical information in a way that is engaging and easy to understand. In her role as the Sustainability Program Manager for the County of Monterey she has helped the County to re-invigorate its sustainability program setting meaningful goals to drive change throughout the county and working on the first Community Climate Action Plan for the County. Ashley is an outdoor enthusiast and enjoys spending time hiking, biking and practicing yoga.

## ENGIE, Inc.

ENGIE is one of the largest independent energy service companies in the US specializing in renewable power, energy efficiency, and battery storage work. We are a trusted partner in the California public sector with a 47-year history of delivering turnkey energy projects that are tailored to the unique needs of Cities and the communities they serve. ENGIE has over 170 employees in California, and our experienced project team members have engineered, financed, and implemented comprehensive energy programs as the prime design-build general contractor for more than 500 public sector agencies in the US. In California alone, we have performed similar services for over 100 public sector agencies including 65 cities. Key project team members are included below.

| John Paul Jewell<br>Program Development<br>Manager  | <ul> <li>Role: John Paul identifies energy efficiency, facility modernization, renewables, and distributed energy opportunities paid through savings. He works with clients to assess their goals, reviews the options to achieve the client's desired financial profile, and coordinates all activities to move the project forward.</li> <li>Years of Experience: 12 years</li> <li>Education:</li> <li>MBA, Yale University, New Haven, CT</li> <li>MEM, Environmental Management, Yale University, New Haven, CT</li> <li>BA, Anthropology, University of Chicago, IL</li> <li>BA, Environmental Studies, University of Chicago, IL</li> </ul> | <ul> <li>Project Experience:</li> <li>City of Milpitas</li> <li>Adventist Health Feather River Microgrid</li> <li>Ravenswood City SD</li> <li>Millbrae SD</li> <li>Hayward USD</li> <li>West Contra Costa USD</li> <li>Salinas UHSD</li> <li>Soledad USD</li> <li>Mountain View Whisman SD</li> <li>City of Suisun City</li> </ul> |
|---|--|--|
| Emily Douglas<br>Regional Manager   | <ul> <li>Role: Emily ensures that our comprehensive programs positively impact our client's general fund, improves facility operations and efficiency, promotes clean renewable energy, and provides improvements to the customers defined goals and objectives.</li> <li>Years of Experience: 16 years</li> <li>Education:</li> <li>MBA, University of California Haas School of Business, Berkeley, CA</li> <li>BA, Government and Sociology-Based Human Relations, Connecticut College, New London, CT</li> </ul>   | <ul> <li>Project Experience:</li> <li>City of Milpitas</li> <li>City of Greenfield</li> <li>City of Salinas</li> <li>City of San José</li> <li>City of King City</li> <li>City of Gonzales</li> <li>City of Suisun City</li> </ul>   |
| Neal BartekMicrogrid Director   | Role: Neal ensures that ENGIE designs,<br>procures, constructs, and operates<br>microgrid projects that meet our customers'<br>requirements. His experience includes<br>microgrids, BESS, distributed controls,<br>and integrating renewable generation.<br>Years of Experience: 23 years<br>Education:<br>BS, Operations Research & Industrial<br>Engineering, Cornell University, Ithaca, NY   | <ul> <li>Project Experience:</li> <li>El Dorado UHSD</li> <li>Yucaipa Valley Water District</li> <li>City of Milpitas</li> <li>Chula Vista ESD</li> <li>Santa Barbara USD</li> <li>Adventist Health Feather River Microgrid</li> <li>SSWC Anza Microgrid</li> <li>Borrego Springs PV Based Microgrid</li> </ul>                    |
| With the second seco | Role: Mohammad's main pre-design tasks<br>are utility bill analysis, solar PV system<br>sizing, output production modeling, savings<br>analysis, and drawing array layouts and<br>single-line diagrams. During construction, he<br>supports the CM and leads the permitting<br>and utility interconnection processes.<br>Years of Experience: 5 years<br>Education:<br>BS, Mechanical Engineering, University of<br>California, Davis, CA  | <ul> <li>Project Experience:</li> <li>El Dorado UHSD</li> <li>City of Suisun City</li> <li>City of Lakeport</li> <li>City of Fremont</li> <li>City of Marysville</li> <li>Shasta County</li> <li>Amador County USD</li> <li>Cosumnes CSD</li> </ul>  |

| Louis Philipperon<br>e-Mobility Specialist  | <ul> <li>Role: Louis leads the development and implementation of e-Mobility services for cities.</li> <li>Years of Experience: 9 years</li> <li>Education:</li> <li>M.Eng, Electro-Mechanical Engineering, Ecole Polytechnique de Louvain, Belgium</li> <li>M.Eng, Electro-Mechanical Engineering, Technical University of València, Spain</li> </ul>  | <ul> <li>Project Experience:</li> <li>City of Santiago, Chile</li> <li>City of Lautaro, Chile</li> <li>City of Padre Las Casas, Chile</li> <li>City of Las Condes, Chile</li> </ul>   |
|---|--|---|
| Douglas Ledbetter,         PE         Lead Electrical         Engineer & Utility         Specialist | <ul> <li>Role: Doug develops power distribution, power transmission, power system protection, substation engineering, and power generation systems, including interconnection of power plants to public utility grids.</li> <li>Years of Experience: 30 years</li> <li>Education:<br/>BS, Electrical Engineering, University of California Santa Barbara</li> <li>License(s)/Registration(s):<br/>Registered Professional Engineer – Electrical, CA</li> </ul> | <ul> <li>Project Experience:</li> <li>City of Milpitas</li> <li>Adventist Health Feather River Microgrid</li> <li>Santa Barbara USD</li> <li>City of Yuba City</li> <li>City of Madera</li> <li>City of Livermore</li> <li>City of Salinas</li> <li>City of Fremont</li> <li>City of Gonzales</li> <li>City of Grass Valley</li> <li>City of Hayward</li> </ul> |
| Briana Lewis         Senior Community         Engagement         Manager                            | <ul> <li>Role: Briana designs and implements<br/>education programs that integrate facility<br/>modernization projects with work-based<br/>learning elements, hands-on learning<br/>experiences, and professional development<br/>opportunities for teachers.</li> <li>Years of Experience: 21 years</li> <li>Education:<br/>MPA, California State University,<br/>Dominguez Hills</li> <li>BA, University of California, Santa Cruz</li> </ul>                | <ul> <li>Project Experience:</li> <li>City of Milpitas</li> <li>El Dorado UHSD</li> <li>Salinas UHSD</li> <li>Soledad USD</li> <li>North Monterey County USD</li> <li>Escalon USD</li> <li>Hayward USD</li> <li>South San Francisco USD</li> <li>Franklin McKinley USD</li> </ul>   |
| Koger ChungSenior ProjectFinance Manager  | Role: Roger has arranged more than<br>\$400 million in paid from savings project<br>financings in various structures. He is<br>responsible for analyzing client needs/<br>concerns and then structuring and<br>coordinating all project financing activities<br>to assure the optimal form and cost of<br>financing is obtained.<br>Years of Experience: 17 years<br>Education:<br>BS, Management Science, University of<br>California San Diego, CA           | <ul> <li>Project Experience:</li> <li>City of Milpitas</li> <li>City of Yuba City</li> <li>Adventist Health Feather River Microgrid</li> <li>Santa Barbara USD</li> <li>El Dorado UHSD</li> <li>City of Yuba City</li> <li>City of Salinas</li> <li>City of Grass Valley</li> <li>City of Moreno Valley</li> <li>County of Kings – Phases I - IV</li> </ul>     |

Timeline

This section provides a high-level overall project schedule for the project, assuming project award in September 2022. A site survey, soils testing and underground locating will take the first two weeks of the design process. After about eight weeks of detailed microgrid design, procurement can begin for the major components like solar panels and batteries. Microgrid design and permitting will continue, overlapping with lead times for the key components, for another four to six months. Once mobilized on site, solar canopy construction can typically be completed within a month, with six weeks of less intrusive electrical work to follow. Microgrid components and EV charging station installations will each take a week or two, depending on the final design and layout. After construction, the project team will allow about a month for functional testing of the microgrid components, and an additional 60-day review process by the local utility before receiving permission to operate. In total, we anticipate a twelve- to fourteen-month project from award to completion.

#### Sources and Uses of Funds

To apply for this grant opportunity, Sustainability Program staff requested authorization from the Board of Supervisors, (the completed Board Order is included in Appendix B), the Board first offered public comments on the project and then passed the item on their Consent Calendar. During these comments, supervisors commended staff for applying to leverage our local resources to draw down federal funding for investment in our rural community of King City. The supervisors hope that the increased investment into the energy infrastructure of the King City Courthouse will encourage the Court to offer more services to rural residents of southern Monterey County, who currently drive nearly an hour to Salinas to meet basic legal needs.

This Board Order acknowledges the 20% match requirement as well as the potential economic benefits from the DERs. The positive comments from the Board indicates that an affirmative vote to fund the \$400,000 match requirement is highly likely. Additionally, the Recommended Budget Book for FY 22-23 includes a \$7.5M Contingency Fund, which is a likely source of funding for this project. Schedule 4 of this Budget Book in included in Appendix A. Appendix C of this application provides the requested bank account verification that the County has available funding in excess of the match requirement.

As seen in the budget section above, the vast majority of funding for this REPP is used for the eligible purposes of designing and implementing various DERs to make this project a reality.

## Section 4.6: Purpose Eligibility and Use of Funds

- ☑ I certify the proposed project does **NOT** request funds for **ANY** ineligible project costs under REPP. Examples of ineligible funds use include:
  - Used equipment
  - Vehicles
  - Operations that get income from illegal activities or activities of a sexual nature
  - Real property or land
  - Lease payments, including lease-to-own or capitalized leases
  - Any project that creates or appears to create a conflict of interest. For the REPP, examples of conflicts of interest include:
    - Distribution or payment of grant and matching funds to an individual owner, partner, or stockholder, or to a beneficiary or immediate family member of the applicant when the recipient will keep any portion of ownership in the applicant's or borrower's project
    - Assistance to Rural Development employees, relatives, or associates. RBCS will process any requests for assistance under this subpart in accordance with 7 CFR part 1900, subpart D (available at this link: <u>https://go.usa.gov/xuTYn</u>)
  - Funding political or lobbying activities
  - Paying off federal direct or guaranteed loans, or any other form of federal debt
  - Expenses, equipment purchases, or paid services occurring prior to the grant period
  - Expenses associated with applying for this program
  - Expenses associated with reporting results or outcomes during the disbursement, performance, and servicing portions of the grant

## Section 5: Evaluation Criteria

Complete, eligible REPP applications will be evaluated using the criteria in paragraphs (a) through (e) in this section. **A maximum of 100 points possible**.

Applications are evaluated for community impact, demonstration of support from relevant decision makers and community leaders, the likelihood that projects will be completed, and overall alignment with REPP goals.

Points are given **only** for well-documented and supported factors (such as comprehensive partnership planning documents or business plans), which assure Rural Development that project events and activities have a high probability of being accomplished. Points for each criteria are awarded at RD's discretion. Applicants demonstrating the experience or ability to deliver the stated criteria will be awarded higher points for that criteria.

**Instruction**: Attach a document with a detailed discussion for elements a) through e):

Note to Reviewer: This document is attached as Appendix D.

- a) Develop renewable energy. Application materials demonstrate the RECP's ability and commitment to addressing the priority considerations specified in Section III.
   C. of the REPP funding notice.
  - One point will be awarded for each of the six priority considerations proposed, and as outlined in **Section III.C.(a)**.
  - Up to six points will be awarded for projects that plan, execute, or deploy renewable energy generation technologies (other than solar photovoltaic of at least 40 percent of total generation capacity as measured by megawatts of alternative generation capacity or megawatts of total generation capacity).
  - Up to six points will be awarded for projects that can be delivered within 36 months of the grant award.
  - Up to seven points will be awarded to projects leveraging other federal, state, Tribal, and local assistance resources for community planning, human-capacity building, technical assistance, efficiency, weatherization, and improvements in high-speed broadband service to the region.

## Points are awarded on a scale of 0 – 25, with a maximum of 25 possible.

b) Community and regional impacts. Application materials fully describe the community objectives to be achieved by RECP efforts at the completion of REPP assistance. Examples of objectives to be identified by the RECP include:

- Ability to withstand disruptive events
- Economic and energy resilience
- Increased environmental justice

- Improved racial equity
- Expanded economic opportunity
- Stability or diversification of distributive energy resources

## Points are awarded on a scale of 0 – 25, with a maximum of 25 possible.

c) Targeted region. Application materials must describe the geographic region to be served, including county names and zip codes, and demonstrate that the geographic region served by the RECP is of significant consequence to REPP priorities of advancing environmental justice, racial equity, and economic opportunity.

## Elements:

- Using the Economic Innovation Group's Distressed Communities Index (available at this link: <u>https://eig.org/dci/interactive-map</u>) discuss relative distress scores and economic distress characteristics of the region. Examples include unemployment rates and income levels. **Maximum points available** = 5.
- Using the U.S. Department of Energy's Low Income Energy Affordability Data (LEAD) Tool (available at this link: <u>https://go.usa.gov/xuTZQ</u>) describe the relative energy burden of the geographic region to be served. **Maximum** points available = 5.
- Using the U.S. Centers for Disease Control and Prevention's Social Vulnerability Index (available at this link: <u>https://go.usa.gov/xuTZp</u>) describe the relative environmental health burden of the geographic region to be served. **Maximum points available = 5**.
- Using the Economic Innovation Group's Opportunity Zones Activity Map (available at this link: <u>https://eig.org/oz-activity-map</u>) document the geographic region to be served as a Qualified Opportunity Zone. Maximum points available = 5.
- 5. Using USDA Rural Development's map of Distressed Energy Communities (<u>https://ruraldevelopment.maps.arcgis.com/apps/webappviewer/index.html?id</u> <u>=86027863e066487ca1b33dc9217a70d1</u>) indicate which counties or zip codes in the geographic region to be served are primarily distressed communities with high concentrations of employment in coal, the oil and gas industries, or with coal-fired generation facilities transitioning away from fossilfueled energy production. Maximum points available = 5.
- 6. Using the U.S. Environmental Protection Agency's Environmental Justice Screening and Mapping Tool (available at this link: <u>https://go.usa.gov/xuTB2</u>) provide a brief narrative with supporting information to demonstrate how the

geographic region meets the definition of a "disadvantaged community." **Maximum points available = 5.** 

## Points are awarded on a scale of 0 – 25, with a maximum of 25 possible.

d) Project and community support. Applicants must demonstrate the strength of local support for the RECP, its activities, projects, and entrepreneurial commitment. Points will be awarded for:

- Demonstrating sources of funding
- Illustrating personnel and technical resources committed to the project
- Including institutional partners expanding capital and showing a willingness to invest in projects emerging from the RECP

## Maximum points available = 10.

An additional 5 points can be awarded for demonstrating resources that sustain the project beyond the REPP grant period.

## Points are awarded on a scale of 0 – 15, with a maximum of 15 possible.

e) Demonstrated readiness and likelihood of success. Application materials demonstrate the RECP's readiness to successfully administer the REPP grant, and:

- Indicate a high likelihood of implementing technical assistance, weatherization, energy efficiency, and renewable energy projects.
   Maximum points available = 3.
- Include a stakeholder engagement plan. Maximum points available = 2.
- Identify an energy resilience goal. Maximum points available = 3.
- Confirm the availability or expectation of project financing. **Maximum points = 2**.

Points are awarded on a scale of 0 – 10, with a maximum of 10 possible.

## Section 6: Matching Funds

## Section 6.1: Certification of Matching Funds

I certify the cost-share matching funds for the project will be spent in advance of grant funding.

## Section 6.2: Verification of Matching Funds

In Appendix C, you must provide all requested information, including authentic documentation requested from the contributing source to demonstrate and confirm:

- 1. The eligibility of the source and use of all matching funds, including cash and in-kind contributions
- 2. The availability of both cash and in-kind contributions during the proposed grant period

The use of the verification templates included in Appendix C is optional, but highly recommended. Choose one or more of the five templates to coordinate with the form of your matching funds. Sources, uses, and amounts of matching contributions presented in the budget and work plan must match the information verified in Appendix C. The contributing source of the matching funds must complete the requested information using the designated form(s), or provide ALL requested information using a similar format. The contributing source must then sign the form where indicated. Using Appendix D, verifications for all matching funds must be provided with your application.

## Section 6.3: Matching Funds Certification and Signatures

I certify that, to the best of my knowledge and belief, the information included with this application (including Sections 1 - 6, and Appendices A – E, as applicable) plus any attachments, are true and correct.

Printed name of applicant or applicant's authorized representative:

Nick Chiulos

Signature of applicant or applicant's authorized representative:

DocuSigned by:  $\langle \rangle$ 910D1286CA694A8 Date (MM/DD/YYYY)

7/18/2022 | 5:49 PM PDT

## Appendices

## DocuSign Envelope ID: 2BADDCC6-A04C-490F-8488-A8D76B3DE504

## Recommended Budget Book FY22-23, Schedule 4

## Schedule 4

Available at: https://www.co.monterey.ca.us/ government/departments-a-h/administrative-office/ budget-analysis

#### County of Monterey Obligated Fund Balances - By Government Funds Fiscal Year 2022-23

|  |                       | Decreases or Ca           |              | Increases   |              | Total Obliga |
|--|-----------------------|---------------------------|--------------|-------------|--------------|--------------|
| Fund Name and Fund Balance Descriptions                                    | Obligated             |                           | Adopted by   |             | Adopted by   | Fund Balance |
| Fund Name and Fund Balance Descriptions                                    | Fund Balances         | Recommended               | the Board of | Recommended | the Board of | for the      |
|  | June 30, 2022         |                           | Supervisors  |             | Supervisors  | Budget Yea   |
| 1  | 2                     | 3                         | 4            | 5           | 6            | 7            |
|  |                       |                           |              |             |              |              |
| eneral Fund  |                       |                           |              |             |              |              |
| Nonspendable:  |                       |                           |              |             |              |              |
| 001 - 3026 - Reserve For Inventories                                       | -                     | -                         | -            | -           | -            |              |
| 001 - 3028 - Prepaid Nonspendable  | 585,331               | -                         | -            | -           | -            | 585,3        |
| Restricted:  |                       |                           |              |             |              |              |
| 001 - 3041 - Public Protection   | 6,275,906             | 940,799                   | -            | -           | -            | 5,335,1      |
| 001 - 3042 - General   | 5,969,611             | -                         | -            | -           | -            | 5,969,6      |
| 001 - 3043 - Health and Sanitation   | 16,543,366            | 6,185,920                 | -            | -           | -            | 10,357,4     |
| 001 - 3045 - Recreation and Culture  | 153,733               | -                         | -            | -           | -            | 153,         |
| 001 - 3046 - Public Assistance   | 649,323               | 471,972                   | -            | -           |              | 177,3        |
| Committed:   |                       |                           |              |             |              |              |
| 001 - 3111 - Strategic Reserve   | 100,483,218           | -                         | -            | -           | -            | 100,483,2    |
| Assigned:  | ,,                    |                           |              |             |              | ,            |
| 001 - 3012 - Assigned for Encumbrances                                     | -                     | -                         | -            | -           | -            |              |
| 001 - 3065 - General Capital   | 1,399,301             | 1,072,894                 | -            | -           | -            | 326,4        |
| 001 - 3113 - General Fund Contingency                                      | 7,548,322             | 1,012,001                 | _            | -           | _            | 7,548,       |
| 001 - 3115 - Compensated Absences  | 9,527,138             | 726,959                   |              |             |              | 8,800,       |
| 001 - 3120 - Health Clinics  | 1,520,000             | 720,333                   | -            | -           | -            | 1,520,       |
| 001 - 3120 - Health Clinics<br>001 - 3121 - Social Services                |                       | -                         | -            | -           | -            | 1,520,       |
|  | 9,743<br>1.072.894    | -                         | -            | -           | -            |              |
| 001 - 3123 - Capital Project   |                       | -                         | -            | -           | -            | 1,072,       |
| 001 - 3124 - IT Charges Mitigation   | 1,173,030             | 62,106                    | -            | -           | -            | 1,110,       |
| 001 - 3125 - Productivity Investment Program                               | 169,351               | -                         | -            | -           | -            | 169,         |
| 001 - 3128 - Revenue Stabilization   | 2,376,910             | 488,974                   | -            | -           | -            | 1,887,       |
| 001 - 3132 - Cannabis  | 10,252,948            | 5,561,241                 | -            | -           | -            | 4,691,       |
| 001 - 3135 - Pension Trust Fund  | 30,641,609            | 30,641,609                |              |             |              |              |
| Unassigned:  |                       |                           |              |             |              |              |
| 001 - 3101 - Unassigned Fund Balance                                       | 6,509,935             | 6,574,656                 | -            | -           | -            | (64,         |
| Total General Fund   | \$ 202,861,669        | \$ 52,727,130             | \$-          | \$-         | \$-          | \$ 150,134,5 |
| Canadial Devenue Frinds  |                       |                           |              |             |              |              |
| Special Revenue Funds  | 00 000 454            | 0 500 647                 |              |             |              | 05 000       |
| 002 - Road Fund  | 22,689,454            | 2,538,647                 | -            | -           | -            | 25,228,      |
| 003 - County Library Fund  | 5,574,041             | (135,308)                 | -            | -           | -            | 5,438,       |
| 005 - In-Home Support Services   | 238,280               | -                         | -            | -           | -            | 238,         |
| 006 - Fish and Game Propagation Fund                                       | 77,939                | (3,126)                   | -            | -           | -            | 74,          |
| 008 - Community Action Partnership   | 253,884               | -                         | -            | -           | -            | 253,         |
| 009 - Inclusionary Housing   | 236,357               | (17,250)                  | -            | -           | -            | 219,         |
| 011 - Economic Development Program   | 1,618,236             | (1,000,100)               | -            | -           | -            | 618,         |
| 013 - Community Development Fund   | 2,323,079             | (1,423,859)               | -            | -           | -            | 899,         |
| 016 - Emergency Medical Service Fund                                       | 1,872,353             | 332,000                   | -            | -           | -            | 2,204,       |
| 021 - Workforce Development Board  | 416,160               | -                         | -            | -           | -            | 416,         |
| 022 - Local Revenue Fund 2011  | 43,603,807            | (3,009,317)               | -            | -           | -            | 40,594,      |
| 023 - Behavioral Health  | 42,817,102            | (7,119,598)               | -            | -           | -            | 35,697,      |
| 024 - Homeland Security  | 903,947               | -                         | -            | -           | -            | 903,         |
| 025 - H&W Realignment  | 45,797,914            | (861,694)                 | -            | -           | -            | 44,936,      |
| 026 - NGEN Operations & Maintenance  | 704,387               | (538,267)                 | -            | -           | -            | 166,         |
| 027 - County Clerk Recorder  | 1,048,917             | (, <b></b> ,              | -            | -           | -            | 1,048,       |
| 028 - Emergency Communications   | 1,942,103             | 329,000                   | -            | -           | -            | 2,271,       |
| 029 - Habitat Management Program   | 13,462,196            | (368,619)                 | -            |             | -            | 13,093,      |
| 030 - Pension Liability  | 18,024,953            | 15,402,538                | -            | -           | -            | 33,427,      |
|  |                       |                           | -            | -           | -            |              |
| Total Special Revenue Funds  | \$ 203,605,108        | \$ (10,908,872)           | \$-          | \$-         | \$-          | \$ 161,209,  |
| Capital Projects Funds   |                       |                           |              |             |              |              |
|  | 10,403                | -                         | -            | -           | -            | 10,          |
| 401 - Facilities Project Fund  |                       | (16,000,066)              | _            | -           | -            | 54,048,      |
| 401 - Facilities Project Fund<br>404 - Facility Master Plan Implementation | 70 977 312            |                           |              |             |              |              |
| 404 - Facility Master Plan Implementation                                  | 70,977,312<br>997 734 | (16,929,066)<br>(997,733) | -            | -           | -            | ÷ .,• .•,    |
| 404 - Facility Master Plan Implementation<br>405 - NGEN Radio Project      | 997,734               | (997,733)                 | -            | -           | -            |              |
| 404 - Facility Master Plan Implementation                                  |                       | (997,733)                 | -<br>\$-     | -<br>\$ -   | -<br>\$ -    | \$ 54,058,   |

Legistar File ID No. 22-680 Agenda Item No. 60



Appendix B: Legal Authority and Good Standing

## Monterey County Board of Supervisors

## **Board Order**

168 West Alisal Street, 1st Floor Salinas, CA 93901 831.755.5066 www.co.monterey.ca.us

A motion was made by Supervisor Luis A. Alejo, seconded by Supervisor Wendy Roor Askew to:

Authorize the Assistant CAO-IGLA or designee to apply for grant funds from the United States Department of Agriculture Rural Energy Pilot Program Grant Program in the amount of \$2 Million for a project at the King City Courthouse to construct a - parking lot with electrical capacity for Electric Vehicle Charging Stations, solar photovoltaic panel carports, and to provide an electrified resilient cooling hub for King City residents.

PASSED AND ADOPTED on this 12th day of July 2022, by roll call vote:

AYES: Supervisors Alejo, Phillips, Lopez, Askew and Adams NOES: None ABSENT: None (Government Code 54953)

I, Valerie Ralph, Clerk of the Board of Supervisors of the County of Monterey, State of California, hereby certify that the foregoing is a true copy of an original order of said Board of Supervisors duly made and entered in the minutes thereof of Minute Book 82 for the meeting July 12, 2022.

Dated: July 15, 2022 File ID: 22-680 Agenda Item No.: 60 Valerie Ralph, Clerk of the Board of Supervisors County of Monterey, State of California

Iracema Lopez, Management Analyst

Appendix C: Matching Funds Verification Copy of Bank Statement provided by Monterey County Treasurer-Tax Collector's Office

#### DocuSign Envelope ID: 2BADDCC6-A04C-490F-8488-A8D76B3DE504

Verification

#### CDR

Company: County Of Monterey Requestor : Dalia San German Run Date: 07/15/2022 10:03:59 CDT

#### As of: 07/15/2022

#### Bank of America, Illinois (North Brook) | 071923284

COUNTY OF MONTEREY DISB HOUSING AND REDEV | USD | As of: 07/15/2022

#### Summary Balances

| Transaction                     | Amount |
|---------------------------------|--------|
| Opening Ledger Balance (010)    | 0.00   |
| Current Ledger Balance (030)    | 0.00   |
| Opening Avail Balance (040)     | 0.00   |
| Disb Opening Avail Bal (044)    | 0.00   |
| Total Investment Position (057) | 0.00   |
| Current Available Balance (060) | 0.00   |
| 1 Day Float (072)               | 0.00   |
| Float Adjustment (073)          | 0.00   |
| 2 or More Days Float (074)      | 0.00   |
| 3 or More Days Float (075)      | 0.00   |
| 4 Day Float (079)               | 0.00   |
| 5 Day Float (080)               | 0.00   |
| 6 Day Float (081)               | 0.00   |

#### Summary Totals

| Transaction         | Amount | 0 Day | 1 Day Float | 2+ Day Float | Count |
|---------------------|--------|-------|-------------|--------------|-------|
| Total Credits (100) | 0.00   |       |             |              |       |
| Total Debits (400)  | 0.00   |       |             |              |       |



#### COUNTY OF MONTEREY AUDITOR GENERAL ACCT | USD | As of: 07/15/2022

#### Summary Balances

| Transaction                        | Amount       |
|------------------------------------|--------------|
| Opening Ledger Balance (010)       | 1,686,236.79 |
| Current Ledger Balance (030)       | 5,766,853.78 |
| Opening Avail Balance (040)        | 1,685,479.12 |
| Total Investment Position (057)    | 0.00         |
| Current Available Balance (060)    | 5,766,096.11 |
| 1 Day Float (072)                  | 757.67       |
| Float Adjustment (073)             | 0.00         |
| 2 or More Days Float (074)         | 0.00         |
| 3 or More Days Float (075)         | 0.00         |
| 4 Day Float (079)                  | 0.00         |
| 5 Day Float (080)                  | 0.00         |
| 6 Day Float (081)                  | 0.00         |
| Total Disb Opening Avail BAL (724) | 0.00         |

#### Summary Totals

| Transaction             | Amount       | 0 Day | 1 Day Float | 2+ Day Float | Count |
|-------------------------|--------------|-------|-------------|--------------|-------|
| Total Credits (100)     | 4,080,616.99 |       |             |              |       |
| Total ACH Credits (140) | 4,080,616.99 |       |             |              |       |
| Total Debits (400)      | 0.00         |       |             |              |       |

#### **Detail Credits**

| Transaction   |  | Amount     | 0 Day       | 1 Day Float | 2+ Day Float | Bank Ref    | Cust Ref   |
|---|--|------------|-------------|-------------|--------------|-------------|------------|
| Corporate Trade Payment Credit (164)  |  | 439,221.76 |             |             |              | 95014788445 | 0000000000 |
| TextMercedes-Benz US DES:0712#171CV ID:2US012011244463<br>INDN:County of Monter CO ID:1974869001 CTX<br>ADDITIONAL INFORMATION IS AVAILABLE FOR THIS PMT.<br>CONTACT A TREASURY SALES OFFICER FOR ASSISTANCE. |  |            | R THIS PMT. |             |              |             |            |

| Total # | of Items: 1  | 439,221.76            | 0.00    | 0.00 | 0.00        |            |
|---------|--|-----------------------|---------|------|-------------|------------|
| Preaut  | norized ACH Credit (165)   | 2,615,413.19          |         |      | 94011043819 | 000000000  |
| Text    | APPORT ST OF CA DES:APS<br>INDN:MONTEREY COUNTY 1                              |                       | 698 PPD |      |             |            |
| Preaut  | norized ACH Credit (165)   | 593,057.74            |         |      | 94011018056 | 000000000  |
| Text    | NORIDIAN JEA DES:HCCLAI<br>INDN:COUNTY OF MONTERE<br>PMT INFO:TRN*1*EFT003203  | EY CO ID:D262326076 C |         |      |             |            |
| Preaut  | norized ACH Credit (165)   | 124,384.00            |         |      | 95013127491 | 0000000000 |
| Text    | USDA TREAS 310 DES: MISC<br>INDN:MONTEREY COUNTY (<br>PMT INFO:RMR*IV*PCIT JUN | CO ID:9101036151 CCD  |         |      |             |            |

## Appendix C.1: Verification of Matching Funds | Applicant Cash

The use of this form is optional, but highly recommended. If you choose not to use this form, you must provide ALL the information requested below in a similar format and include it in Appendix C.1. If you are contributing cash-on-hand to pay for eligible project expenses for goods or services during the grant period, the expenditure is considered a cash match. You must sign this statement to verify the

- 1. Amount of cash match
- 2. Source of the cash match
- 3. Use of the cash match.

A **copy of a bank statement** (with an ending date within one month of the application submission deadline) that shows an ending balance equal to – or greater than – the amount of cash matching funds proposed is also required at time of application. **NOTE**: Redact all account numbers appearing on your statement.

Applicant's legal name:

Monterey County

Title of your proposed project:

Rural Community Resiliency: Clean Transportation and Cooling Center

| Total project cost:     | \$2,845,000 |  |  |
|-------------------------|-------------|--|--|
| Grant amount requested: | \$2,000,000 |  |  |
| Applicant cash match:   | \$845,000   |  |  |

Printed name of applicant or applicant's authorized representative:

Nick Chiulos

Signature of applicant or applicant's authorized representative:

| Docusigned by:    |  |
|-------------------|--|
| 910D1286CA694A8   |  |
| Date (MM/DD/YYYY) |  |

7/18/2022 | 5:49 PM PDT

# Appendix D: Sections A-E

## Section A:

- One point will be awarded for each of the six priority considerations proposed, and as outlined in Section III.C.(a).
  - The six priority considerations proposed in Section III.C.(a) are discussed in C of this appendix.
- Up to six points will be awarded for projects that plan, execute, or deploy renewable energy generation technologies (other than solar photovoltaic of at least 40 percent of total generation capacity as measured by megawatts of alternative generation capacity or megawatts of total generation capacity).
  - This REPP proposes solar generation of 83 kW (producing over 122,000 kWh a year) and battery energy storage of 100kW/200 kwh. In the event of a power outage, this battery will keep the site powered for 4 hours, or longer if the site sheds non-critical loads.
- Up to six points will be awarded for projects that can be delivered within 36 months of the grant award.
  - As discussed in section 4.5 of the main application, this REPP is estimated to require a timeline of 12-14 months from the date of the award to complete. This is largely due to the technical and management capacity of ENGIE as the sole design-build firm of the project. Even with potential governmental and administrative delays, this project should be completed in much less time than 36 months. Sustainability Program staff are already beginning the administrative process of approving a potential grant award this Fall to reduce administrative lag.
- Up to seven points will be awarded to projects leveraging other federal, state, Tribal, and local assistance resources for community planning, human-capacity building, technical assistance, efficiency, weatherization, and improvements in high-speed broadband service to the region.
  - This REPP takes full advantage of the institutional capacity of Monterey County and uses local resources as the 20%, or \$400,000, match requirement. Technical assistance is being provided as part of Sustainability Program staff's time and activities, as well as staff time from the Communications Program to provide outreach and communication support. This support is especially important considering the lifesaving resiliency benefits of the community cooling center, direct economic benefits to local residents, and the need for multi-lingual communication due to the high concentration of Spanish speakers in the community.
  - Additionally, EVs are much more efficient than internal combustion engine and offer significant savings, especially to rural drivers as mentioned in Section 4 of the main

application. Assisting rural residents adopt and operate EVs at lower costs is a direct investment in efficiency in a rural community.

## Section B:

Community and regional impacts. Application materials fully describe the community objectives to be achieved by RECP efforts at the completion of REPP assistance. Examples of objectives to be identified by the RECP include:

- Ability to withstand disruptive events
  - This REPP transforms the King City Courthouse into a community charging center and decarbonized resilient cooling hub that will provide residents with crucial access to electricity during natural disasters and PG&E scheduled public safety power shutoff events.
- Economic and energy resilience
  - Adding a microgrid to power the facility during outages will improve connections between local government and the community in King City. By serving as a community microgrid location, the courthouse will provide not only public safety and criminal justice locally in a remote part of the County, but also support for vulnerable residents in need of cooling and electricity during summer power outages or natural disasters.
- Increased environmental justice
  - By centering a microgrid around solar and battery energy storage, the project will also improve health outcomes by lowering local air pollution and provide shelter during the increasingly hot weather brought on by climate change. These benefits accrue primarily to the BIPOC population of King City who need the most protection, which is an environmental justice provision.
- Improved racial equity
  - This REPP is a direct investment in a majority BIPOC disadvantaged community where the benefits flow directly to people who need it most. This improves equity along racial divisions in Monterey County.
- Expanded economic opportunity
  - As mentioned in the main application, Rural households can save between \$1,900-\$2,800 annually by switching to an EV, which is even greater than the savings potential that urban drivers have from EV conversion. We aim to further assist our rural residents by two equity measures of this project: free or low-cost charging and channeling EVCS profit to cash incentives for residents to purchase new and used EVs. The free or low-cost charging will help energy burdened residents and increase the savings potential of switching to an EV. Meanwhile, the EVCS profit to EV incentive program will allow revenue collected from any drivers passing through 101 Corridor will be used directly to benefit disadvantaged residents. This "Community Decarbonization Fund" will continue to explored by Sustainability Program staff to make a reality using this REPP EVCS revenue as a pilot.
- Stability or diversification of distributive energy resources

• The combination of Solar PV panels and battery energy storage large enough to power the entire facility and EVs is diversified and highly stable combination. As the facility is still grid connected, the battery can be charged rapidly if disaster conditions are expected.

## Section C:

a) Targeted region. Application materials must describe the geographic region to be served, including county names and zip codes, and demonstrate that the geographic region served by the RECP is of significant consequence to REPP priorities of advancing environmental justice, racial equity, and economic opportunity.

## Elements:

- Using the Economic Innovation Group's Distressed Communities Index (available at this link: <u>https://eig.org/dci/interactive-map</u>) discuss relative distress scores and economic distress characteristics of the region. Examples include unemployment rates and income levels. **Maximum points available** = 5.
- Using the U.S. Department of Energy's Low Income Energy Affordability Data (LEAD) Tool (available at this link: <u>https://go.usa.gov/xuTZQ</u>) describe the relative energy burden of the geographic region to be served. **Maximum** points available = 5.
- Using the U.S. Centers for Disease Control and Prevention's Social Vulnerability Index (available at this link: <u>https://go.usa.gov/xuTZp</u>) describe the relative environmental health burden of the geographic region to be served. **Maximum points available = 5**.
- Using the Economic Innovation Group's Opportunity Zones Activity Map (available at this link: <u>https://eig.org/oz-activity-map</u>) document the geographic region to be served as a Qualified Opportunity Zone. **Maximum** points available = 5.
- 5. Using USDA Rural Development's map of Distressed Energy Communities (<u>https://ruraldevelopment.maps.arcgis.com/apps/webappviewer/index.html?id</u> <u>=86027863e066487ca1b33dc9217a70d1</u>) indicate which counties or zip codes in the geographic region to be served are primarily distressed communities with high concentrations of employment in coal, the oil and gas industries, or with coal-fired generation facilities transitioning away from fossilfueled energy production. Maximum points available = 5.
- 6. Using the U.S. Environmental Protection Agency's Environmental Justice Screening and Mapping Tool (available at this link: <u>https://go.usa.gov/xuTB2</u>) provide a brief narrative with supporting information to demonstrate how the

geographic region meets the definition of a "disadvantaged community." **Maximum points available = 5.** 

## Points are awarded on a scale of 0 – 25, with a maximum of 25 possible.

Discussion: The impact of this project is evident when viewed through the equity lenses of the Economic Innovation Group's Distressed Communities Index Interactive Map (DCI), CDC Social Vulnerability Index (SVI), Opportunity Zone Activity Map, and the definition of Disadvantaged Community; (supporting documents for these resources are gathered below). The DCI categorizes King City as "At-Risk" with a score of 78.5 and the SVI categorizes the area, (Census tracts 113.02 & 113.04) as "Highly Vulnerable" with overall SVI scores of .8814 and .8114, respectively. The King City Courthouse resiliency hub and EVCS infrastructure will provide low-cost EV charging capability to the Certified Opportunity Zone of Census Tract 113.02, which is less than 1,000ft away. Additionally, the majority lowincome and people of color population allow this area to be defined as a Disadvantaged Community due to the "High Vulnerability" designations in the SVI themes of Minority Status & Language, Housing & Transportation, and Socioeconomic as well as the DCI demographic data.

In light of these equity indicators, it is imperative that this RECP acts to provide sustainable infrastructure solutions where they are most needed and provide rural residents with an example of the rural viability of current technology to include them in a just transition. Rural households can save between \$1,900-\$2,800 annually by switching to an EV, which is even greater than the savings potential that urban drivers have from EV conversion.<sup>1</sup> Publicly available charging for Disadvantaged Communities like those proposed by this RECP make those savings available, where they can make a substantial difference in the quality of life for our rural residents.

#### **Section C Supporting Documents:**

USDA Rural Availability Tool



<sup>&</sup>lt;sup>1</sup> Lowell, D., Van Atten, C., Culkin, J., & Langois, T. (2020). (rep.). Clean Transportation Strategies for Rural Communities in the Northeast and MidAtlantic Sta. M.J. Bradely & Associates. Retrieved from https://www.mjbradley.com/sites/default/files/MJBA\_Report\_Rural%20Transportation%20Opportunities\_Final\_0.pdf.

#### CDC Social Vulnerability Index Scores by Census Tract



#### Census Tract 113.02, Monterey County, CA

2018 Overall SVI Score:0.8814Possible scores range from 0 (lowest vulnerability)

to **1** (highest vulnerability).

A score of **0.8814** indicates a **high** level of vulnerability.

2018 Theme 1 - Socioeconomic SVI Score: 0.7664

Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability).

A score of **0.7664** indicates a **high** level of vulnerability.

#### Socioeconomic Theme Variables

Variable Field Estimate Percent Below Poverty E\_POV 1592 28.3 Unemployed E\_UNEMP 23 0.9 Median Income E\_PCI 12764 N/A No Highschool Diploma E\_NOHSDP 2100 68.6 2018 Theme 4 - Housing/Transportation SVI Score: **0.8462** 

Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability). A score of **0.8462** indicates a **high** level of vulnerability.

#### Housing & Transportation Theme

Variable Field Estimate Percent Multi-Unit Structures E\_MUNIT 165 10.5 Mobile Homes E\_MOBILE 56 3.6 Crowding E\_CROWD 387 27.5 No Vehicle E\_NOVEH 237 16.8 Group Quarters E\_GROUPQ 0 0 2018 Theme 3 - Minority/Language SVI Score: **0.9807** Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability).

A score of **0.9807** indicates a **high** level of vulnerability.

#### Minority Status & Language Theme

Variable Field Estimate Percent Minority E\_MINRTY 5157 91.8 Speak English "Less than Well" E LIMENG 2455 49.7



#### Census Tract 113.04, Monterey County, CA

#### 2018 Overall SVI Score:

#### 0.8113

Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability).

A score of **0.8113** indicates a **high** level of vulnerability. 2018 Theme 1 - Socioeconomic SVI Score:

#### 0.8435

Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability).

A score of **0.8435** indicates a **high** level of vulnerability.

#### Socioeconomic Theme Variables

Variable Field Estimate Percent Below Poverty E\_POV 1490 19.9 Unemployed E\_UNEMP 160 5.3 Median Income E\_PCI 15331 N/A No Highschool Diploma E\_NOHSDP 2254 52 2018 Theme 4 - Housing/Transportation SVI Score: **0.592** 



Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability). A score of **0.592** indicates a **moderate to high** level of vulnerability.

#### Housing & Transportation Theme

Variable Field Estimate Percent Multi-Unit Structures E\_MUNIT 0 0 Mobile Homes E\_MOBILE 133 7.6 Crowding E\_CROWD 409 24.4 No Vehicle E\_NOVEH 25 1.5 Group Quarters E\_GROUPQ 64 0.8 2018 Theme 3 - Minority/Language SVI Score:

#### 0.9857

Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability). A score of **0.9857** indicates a **high** level of vulnerability.

#### Minority Status & Language Theme

Variable Field Estimate Percent Minority E\_MINRTY 7138 94.2 Speak English "Less than Well" E\_LIMENG 2660 38

#### **Distressed Communities Index**

DISTRESSED COMMUNITIES INDEX



Visit **eig.org/dci** to explore the digital mapping interactive and more





DESIGNED & BUILT BY **Graphicacy** 93930-King City

## **DCI** score

#### CURRENT



#### PREVIOUS

2000 76.1 At Risk

## **DCI** factors

| No high school<br>diploma | Poverty rate | Adults not<br>working | Housing vacancy<br>rate | Median<br>household<br>income | Change in employment | Change in establishments |
|---------------------------|--------------|-----------------------|-------------------------|-------------------------------|----------------------|--------------------------|
| 52.6%                     | 23.5%        | 31.5%                 | 5.8%                    | \$48.1k                       | 14.1%                |                          |
| National                  | National     | National              | National                | National                      | National             | National                 |
| 12.3%                     | 13.9%        | 23.5%                 | 9.4%                    | \$60.5k                       | 8.0%                 | 4.5%                     |

## **Demographics distribution**



#### No high school diploma

The share of the population age 25 and older who lack a high school diploma or equivalent.

#### Median household income

Median household income enters into the DCI as a percent of metro area or state median household income.

#### **Poverty rate**

The share of individuals living below the federal poverty line.

#### **Change in employment**

The change from 2014 to 2018 in the number of employees working in the geography.

#### Adults not working

The share of the population age 25 to 54 not working (i.e. either unemployed or not in the labor force).

#### **Change in establishments**

The change from 2014 to 2018 in the number of establishments located in the geography.

#### Housing vacancy rate

The share of housing units that are vacant, adjusted for recreational, seasonal, or occasional use vacancies.



Economic Innovation Group OZ Activity Map

Google Maps, showing that the King City Courthouse is located less than 1,000 feet from the Canal St. border of the 133.03 Census Tract Opportunity Zone.



## Section D:

b) Project and community support. Applicants must demonstrate the strength of local support for the RECP, its activities, projects, and entrepreneurial commitment. Points will be awarded for:

- Demonstrating sources of funding
  - As discussed in section 4.5 of the main application and in Appendix C, the County of Monterey can provide a 20% match of \$400,000 for this project.
- Illustrating personnel and technical resources committed to the project

- Personnel and resources are being committed to this project from both Monterey County and ENGIE. Monterey County is committing Sustainability Program Staff time to coordinate and implement this project, as well as staff time from the Communications Program who will assist in our outreach strategy. ENGIE is committing a suite of personnel time and expertise as illustrated in section 4.5 of the main application.
- Including institutional partners expanding capital and showing a willingness to invest in projects emerging from the RECP
  - The County of Monterey is an institutional partner and credit worthy counterparty as a political subdivision of the state of California. As described in section 4.5 of the main application, during the Board Meeting authorizing this grant, supervisors were enthusiastic about the possibility of this grant. This indicates a high degree of willingness to invest in the RECP's projects.

## Section E:

c) Demonstrated readiness and likelihood of success. Application materials demonstrate the RECP's readiness to successfully administer the RECP grant, and:

- Indicate a high likelihood of implementing technical assistance, weatherization, energy efficiency, and renewable energy projects.
   Maximum points available = 3.
  - As discussed in both Section B of this appendix and Section 4 and 4.5 of the main application, this REPP is implementing energy efficiency, resiliency, and renewable energy elements via a combination of DERs. Furthermore, the RECP members and staff involved have a wealth of expertise and experience implementing similar projects.
- Include a stakeholder engagement plan. Maximum points available = 2.
  - As discussed in Section 4 of the main application, tapping Monterey County's Communications Program to lead a multimedia, multilingual engagement campaign is crucial to the success of the REPP. The Communications Program has this expertise and it will be leveraged to serve this rural community.
- Identify an energy resilience goal. Maximum points available = 3.
  - This REPP will result in a community charging center and decarbonized resilient cooling hub that will provide residents with crucial access to

electricity during natural disasters and PG&E scheduled public safety power shutoff events. We propose a solar generation of 83 kW (producing over 122,000 kWh a year) and battery energy storage of 100kW/200 kwh. In the event of a power outage, this battery will keep the site powered for 4 hours, or longer if the site sheds non-critical loads

- Confirm the availability or expectation of project financing. **Maximum points = 2**.
  - As described in section 4.5 of the main application, during the Board Meeting authorizing this grant, supervisors were enthusiastic about the possibility of this grant. This indicates a high degree of willingness to invest in the RECP's projects.
  - As discussed in section 4.5 of the main application and in Appendix C, the County of Monterey can provide a 20% match of \$400,000 for this project.

Points are awarded on a scale of 0 - 10, with a maximum of 10 possible.

## Agency Response - Rural Energy Pilot Program Letter of Intent

Crooks, Anthony - RD, National Office <anthony.crooks@usda.gov>

Thu 5/19/2022 1:34 PM

To: Panturad, Cora <PanturadC@co.monterey.ca.us>

[CAUTION: This email originated from outside of the County. Do not click links or open attachments unless you recognize the sender and know the content is safe. ]

## Dear Panturad, Cora <PanturadC@co.monterey.ca.us>

Thank you for your recent Letter of Intent submission to the Rural Energy Pilot Program (REPP). I am pleased to write this letter of encouragement inviting **Monterey County; the Sustainability Program of Monterey County,** to submit a Complete Application.

Eighty-five required Letters of Intent (LOI) were successfully submitted in the REPP window, requesting over \$135 million. An 18-member panel of subject matter experts ranked the LOI of **Monterey County; the Sustainability Program of Monterey County,** as **# 36** of 85.

The specific reasons for our decision are:

## Sections 2 and 3 --

Project plan is provided, though some details are missing. It seems the projet is part of a larger Electric Vehicle planned infrustructure movement. Requested amount provided but not clear on source of matching funds. Perhaps more work to do with the board of supervisors to secure the full 20%. At least 80 percent of REPP funds must be used to install a renewable energy system. Strong Targeted Assistance Priority Score.

Sections 4 thru 6 --

Part of the project is a benefit to the local community, resilience at outages, and cooling during hot days. However most of the benefit goes to passby of route 110 electric vehicle drivers who most probably not distressed. The proposal does not identify how the charging stations will benefit local businesses and population. It aso does not tranlate how reduced courtenergy cost would tranlate to reduced taxation to the local population.

Budget details are limited and exceed the \$2M being requested. It is unclear how the community would bridge the gap. Limited prioritization of specific items. Many of the outcomes are qualitative- such as the creation of a resilient cooling hub. Very limited information about how low-income and linguistically isolated communities can participate. Complete Application should emphasis the deployment of eligible technologies under REPP as well as how project aligns with REPP purposes of lowering household energy burden of underserved community. This letter does not confer an award and makes no promise toward such an outcome.

It is however, a commendation on the strength of the LOI you submitted, which is why we extend this invitation and encourage you to submit a Complete Application to the REPP.

Resources for submitting a Complete Application including - a Complete Application Guide and Required Forms are now available on the REPP Website,

<u>https://www.rd.usda.gov/programs-services/energy-programs/rural-energy-pilot-program</u> Click the – To Apply tab.

A training Webinar on "Submitting a REPP Complete Application," is scheduled for 2pm ET, on Tuesday, May 24, 2022. Zoom invitation/registration link, <u>https://www.zoomgov.com/webinar/register/WN\_a4oPePn1SRe7X7qav\_Ju2Q</u>

A secure Cloud Vault folder has been established for **Monterey County; the Sustainability Program of Monterey County,** to submit a Complete Application (Application Guide and all Required Forms).

https://new.cloudvault.usda.gov/index.php/s/kRFLy5KPnKEY3Zp

PW: XF39DKD60

The secure Cloud Vault folder is available for your use until the REPP Complete Application deadline, 11:59 pm ET, July 18, 2022.

Please acknowledge receipt of this Letter by replying to <u>REPP@usda.gov, with</u> "I received a REPP Agency Response letter." in the Subject line.

We look forward to receiving your submission. Sincerely,

Anthony Crooks Program Manager

This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.