



Electric Vehicle (EV) Ready Communities Challenge GFO-17-604 Pre-Application Workshop

Sharon Purewal

Fuels and Transportation Division
Zero-Emission Vehicle & Infrastructure Office



GFO-17-604
EV Ready Communities
Pre-Application
Workshop

- Welcome/Introductions
 - Background
 - Overview of Solicitation
 - Questions and Answers
 - Conclusion
-

Welcome/Introduction

- Welcome
- Housekeeping Items
- In case of emergency



Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP)

- AB 8 (*Perea, Chapter 401, Statutes of 2013*) extends ARFVTP through January 1, 2024.
- Receives up to \$100 million per year to:
 - Transform California's transportation market into a diverse collection of alternative fuels and technologies and reduce California's dependence on petroleum.
 - Develop and deploy innovative technologies that transform California's fuel and vehicle types to help attain the state's climate change policies.



Commitment to Diversity

The Energy Commission adopted a resolution on April 8, 2015, to firmly commit to:

- Increase participation of women, minority, disabled veteran and LGBT business enterprises in program funding opportunities.
- Increase outreach and participation by disadvantaged communities.
- Increase diversity in participation at Energy Commission proceedings.
- Increase diversity in employment and promotional opportunities.



Commitment to Diversity

- **Fairness** – Increase funding accessibility to all Californians.
- **Inclusion** – Small businesses make up a significant portion of the U.S. economy.
- **Job Creation** – Projects can create jobs for residents of the underserved communities.
- **Diversity of Ideas** – Great ideas occur in a variety of areas.
- **Diversity in Communities' Needs** – Needs vary widely from one area to the next (air quality, socioeconomic, etc.).



ARFVTP's Regional Readiness and Planning

- Scope and funding allocation contained in 2016-2017 Investment Plan Update
- Helps regions plan and identify/implement policies/practices that reduce barriers to ZEV/PEV/EV adoption and deployment.



Previous Regional Readiness and Planning Solicitations

Table 24: Regional Alternative Fuel Readiness and Planning Awards

Readiness Plan Fuel Type	Agreements in Progress	Agreements Completed	ARFVTP Funding (in Millions)
Electricity	17	11	\$5.0
Hydrogen	4	-	\$0.8
Electricity & Hydrogen	2	-	\$1.4
Multiple Fuels/Other	1	5	\$1.8
Total	24	16	\$9.0

Source: California Energy Commission.



Purpose of Solicitation

- To fund a competition that will challenge project teams to accelerate the deployment of electrified transportation within the local and regional levels with a holistic and futuristic view of regional transportation planning.
- Phase I: Development of the planning blueprints to identify the actions and milestones needed to proceed towards implementation of the EV ready community.
- Phase II: Successful applicants under Phase I will have the opportunity to submit their completed blueprints to compete for and receive future funding for implementation of their completed blueprints.



Phase I Funding

- Nearly \$1.9 million available
- Maximum funding: \$200,000 per application.
- Minimum Match Share Requirement: 25 percent of total project costs



Funding, Match Share and Maximum Award Amounts

- \$1,845,079 available for awards under this solicitation
- Minimum Match Share: 25% of total allowable costs (page 16)

Project Group	Maximum Amount Per Award	Anticipated Number of Awards
Group 1: A region containing Disadvantaged Communities in Northern California	\$200,000	3
Group 2: A region containing Disadvantaged Communities in Central California	\$200,000	3
Group 3: A region containing Disadvantaged Communities in Southern California	\$200,000	3



Geographic Distribution of Funding

Northern California includes: Alameda, Alpine, Butte, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Mono, Monterey, Napa, Nevada, Placer, Plumas, San Francisco, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo, and Yuba.

Central California includes: Amador, Calaveras, Colusa, Fresno, Inyo, Kern, Kings, Madera, Mariposa, Merced, Sacramento, San Benito, San Joaquin, Stanislaus, Tulare, and Tuolumne.

Southern California includes: Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, and Ventura.



Maximum Number of Applications

- Only one application per multidisciplinary group may be submitted under this solicitation.
- Project partners may be a part of another multidisciplinary group applying to this solicitation.



Eligibility

- Open to all public and private entities.
- Applicants must gather a multidisciplinary team.
- Project teams must include one or more:
 - ✓ Local city
 - ✓ County government
 - ✓ Organizations connected to city or county governments, such as joint power authorities, council of governments, and housing authorities that have a role in the development process.
- Blueprint must be implementable.
- Blueprint must build upon, but not be duplicative of previous planning efforts funded through the CEC.



Recommended Additional Team Members

- ✓ Nonprofit entities
- ✓ Individuals that represents neighborhoods and/or communities
- ✓ Grassroots community organizations
- ✓ Building developers
- ✓ Property managers
- ✓ Real estate agents
- ✓ Technology vendors
- ✓ Researchers
- ✓ Utilities
- ✓ Financiers



EV-Ready Community Blueprint Requirements

1. Attributes (page 11)
2. Comprehensive & Replicable Blueprint (page 12-13)
3. Timeline (page 13)
4. Phase II (page 13)



Application Organization

Item	Attachment Number (if applicable)
Application Form	Attachment 1
Project Narrative	N/A
Scope of Work	Attachment 2
Schedule of Products and Due Dates	Attachment 4
Budget Forms	Attachment 5
Resumes	N/A
Contact List	Attachment 6
Letters of Support/Commitment	N/A
CEQA Worksheet	Attachment 7



Page Limitations

- Applications are limited to 30 pages.
- Overall page limitations exclude:
 - Application Form
 - Resumes (limited to 2 pages each)
 - Scope of Work
 - Schedule of Products and Due Dates
 - Budget Forms
 - Contact List
 - Letters of Support/Commitment (limited to 2 pages each)
 - CEQA Worksheet



Application Delivery

- **Preferred: Electronic Submission through the Grant Solicitation System**
 - <https://gss.energy.ca.gov/>
 - This online tool allows applicants to submit their electronic documents to the Energy Commission.
 - Electronic files must be in Microsoft Word formats and Excel Office Suite formats unless originally provided in the solicitation in another format. Attachments requiring signatures may be scanned and submitted in .PDF format. Completed Budget Forms, Attachment 5, must be in Excel format.



Application Delivery

- **Hard Copy Submittals**

California Energy Commission
Contracts, Grants and Loans Office
Attn: GFO-17-604
1516 Ninth Street, MS-18
Sacramento, CA 95814

- **Delivery via:**

- U.S. Mail
- In Person
- Courier Service



Screening Criteria

ADMINISTRATIVE SCREENING CRITERIA

- 1 Application is received by Contracts, Grants and Loans Office by due date and time.
- 2 Applicant provides the required authorizations and certifications.
- 3 Applicant has not included a statement that is contrary to the required authorizations and certifications.

TECHNICAL SCREENING CRITERIA

- 1 The Applicant is an Eligible Applicant.
- 2 The project is an Eligible Project.
- 3 Applicant does not exceed funding limitation for selected region.
- 4 The Application Form identifies the project region

Applications must pass all screening criteria to be eligible.



Evaluation Criteria

	Criterion	Possible Points
1	Technical Merit and Need	30
2	Technical Approach	30
3	Team Qualifications and Experience	30
4	Project Budget	10

Minimum Passing Score: 70% (70 points)



Duplication on Page 27 Evaluation Criteria (Sec. IV.E.2)

maximize electrified transportation options.	
2. Technical Approach Applications will be evaluated on the degree to which: <ul style="list-style-type: none">• The proposed project will design a step-by-step blueprint displaying how the proposed project will result in an EV Ready Community that will support various modes of electrified transportation.• The resulting EV Ready Community blueprint includes:<ul style="list-style-type: none">○ A proposed site map and the design of site improvements;○ Conceptual drawings representing the scope, scale, and relationships of advanced energy community design elements to each other and to a proposed development site and buildings;○ The number, type, and design of units to be built, including size, as well as utility connections; traffic circulation patterns; and travel patterns.○ Contains a comprehensive and strategic approach to identify electrified transportation options based on local communities, local governments, publically owned utilities, and relevant stakeholders○ Potential innovative mobility usage, such as car sharing, van pooling, autonomous vehicles, etc.○ Contains a comprehensive and strategic approach to identify electrified transportation options based on local communities, local governments, publically owned utilities, and relevant stakeholders.○ Addresses needs and implements strategies related to workforce development and training necessary to support the EV Ready Community.	30



Schedule

ACTIVITY	ACTION DATE
Solicitation Release	December 14, 2017
Pre-Application Workshop*	January 10, 2018
<u>Deadline for Written Questions by 5:00 p.m. PST*</u>	<u>January 19, 2018</u>
Anticipated Distribution of Questions/Answers	January 26, 2018
<u>Deadline to Submit Applications by 5:00 p.m. PST*</u>	<u>February 9, 2018</u>
Anticipated Notice of Proposed Awards Posting	February/March 2018
Anticipated Energy Commission Business Meeting	April 2018





Questions?

*Recommend all questions
be submitted in writing and
emailed*

Andrea Hoppe

**California Energy Commission
Grants and Loans Office**

**Attn: GFO-17-604 EV Ready
Communities Challenge
1516 Ninth Street, MS-18
Sacramento, CA 95814**

P:(916) 651-0588

F: (916) 654-4423

Andrea.Hoppe@energy.ca.gov



Thank You

Sharon.Purewal@energy.ca.gov