



GFO-16-601

Zero-Emission Vehicle Regional
Readiness & Planning Solicitation
Pre-Application Workshop

Sharon Purewal

Fuels and Transportation Division
Zero-Emission Vehicle & Infrastructure Office



GFO-16-601
ZEV Regional
Readiness and Planning
Solicitation

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

Background

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.



Background

- Regional Readiness described in 2015-2016 Investment Plan Update for the Alternative and Renewable Fuel and Vehicle Technology Program Regional Readiness for Zero-Emission Vehicles
 - Primarily focus: Electric, Fuel Cell Electric
- Approximately \$1.9 million available from Fiscal Year 2015/16 funding
- Funding breakdown:
 - Maximum funding: \$300,000
 - Minimum funding: \$50,000
 - First-come, first served
 - No match requirement



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



Why is Diversity Important?

- **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 under-served 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.)



Previous Planning Solicitations

- **PON-10-602-- \$2 million for 10 Regional PEV Readiness Plans**
“Assists California’s regions to develop regional strategic PEV plans to support the deployment of PEVs. Includes best practices for “PEV-ready” building and public works guidelines, streamlining of EVSE permitting, installation and inspection processes and infrastructure plans.”
- **PON-13-603--\$2.1 million, first-come, first- served funds**
“Will help to prepare California for the increased use of alternative transportation fuels by funding Alternative Fuel Readiness Plans that will provide strategies for the deployment of alternative fuel infrastructure and encourage adoption of alternative fuel vehicles.”
- **PON-14-607--\$1,297,816, first-come, first- served funds**
“To support new and existing planning efforts for zero-emission vehicles (battery-electric vehicles and hydrogen fuel cell electric vehicles, and including plug-in hybrid electric vehicles).”



GFO-16-601 Objectives

- Support new and existing planning efforts for zero-emission vehicles (battery-electric vehicles and hydrogen fuel cell electric vehicles, and including plug-in hybrid electric vehicles)
- Encourage new regions to apply
 - Alpine, Amador, Butte, Calaveras, Imperial, Inyo, Lake, Lassen, Mariposa, Modoc, Mono, Plumas, and Tuolumne



Maximum Award Amounts

| Category | Category Name | Sub Category Restrictions | Maximum Award |
|----------|---|--|---------------------------------|
| A | ZEV Feasibility Studies | None | Up to \$50,000 per application |
| B | New Regional Readiness Plan Development | None | Up to \$300,000 per application |
| C | ZEV Regional Readiness Plan Implementation | Up to \$50,000 for ZEV Awareness Activities | Up to \$300,000 per application |
| | | Up to \$60,000 for Voluntary Local Government Code Adoption and Training | |
| D | Plan Development and Implementation Combination | Up to \$50,000 for ZEV Awareness Activities | Up to \$300,000 per application |



Category A: ZEV Feasibility Studies

- Feasibility studies *should contain at a minimum*:
 - Anticipated increases in local ZEV population based on growth in rebates or other metric.
 - Activities that may require a more coordinated regional approach, such as installing charging infrastructure or outreach that could increase local ZEV population.
 - Estimations of when local ZEV population reaches “critical mass” and would require larger regional coordination and planning.
 - Local businesses that could benefit from including charging infrastructure as an amenity to draw travel from outside the region.



Category A: ZEV Feasibility Studies Cont.

- ZEV Feasibility Studies **must** consider electric vehicles and fuel cell electric vehicles, but may include other alternative fuels except propane
- Limited to only one or more of the following counties: Alpine, Amador, Butte, Calaveras, Imperial, Inyo, Lake, Lassen, Mariposa, Modoc, Mono, Plumas, and Tuolumne.
 - Counties covered by a regional readiness plan (existing or under development) are not eligible to be included in a ZEV Feasibility Study



Category B: ZEV Plan Development

- Location analysis of ZEV infrastructure
- Region-specific guidelines for ZEV infrastructure
- Region-specific planning data
- Develop methodologies targeting disadvantaged communities within selected region
- Plans for ZEV education, training and outreach for regional stakeholders
- Incorporation of ZEVs in Municipal Fleets



Category C: ZEV Plan Implementation

- Will include implementation of existing regional readiness plan activities
- Activities must relate to electric vehicles and/or fuel cell electric vehicles
- Applications must address how they will target any disadvantaged (defined by CalEnviroScreen) communities within their region
- Examples of potential eligible implementation activities:
 - Creating and funding an ombudsman/liaison
 - Evaluating existing ZEV infrastructure for repair and upgrades
 - Specific site analysis (If plan provides, CEC may be able to provide simplified funding application)
 - Voluntary building code adoption



Category C: ZEV Plan Implementation

- Implementation of existing regional readiness plan activities
 - Activities must relate to electric vehicles and/or fuel cell electric vehicles
- Target disadvantaged communities within region
- Site-specific analysis and recommendations for EVCS sites
- Demographics and vehicle projections and infrastructure siting
- Creating and funding an ombudsman to provide assistance and liaison activities
- Electrical load calculations for potential EVCS sites



Category C: ZEV Plan Implementation Cont.

- Examples of potential eligible implementation activities:
 - ZEV Awareness
 - Permitting and Inspection Process
 - Siting
 - ZEV Installation Process
 - Signage
 - Existing Infrastructure
 - Voluntary Local Government Code Adoption and Training
 - Safety Assessments



Category D: ZEV Plan Development & Implementation



Eligible entities may apply for up to \$300,000 to both develop and implement a ZEV regional readiness plan consistent with the applicable requirements and restrictions specified for Category B and C projects.



Scoring Criteria for Category A: Feasibility Studies

| | Criteria | Solicitation Section |
|---|--|----------------------|
| 1 | The Applicant is an Eligible Applicant. | II |
| 2 | The project is an Eligible Project. | II |
| 3 | The Application Form identifies the project region and includes a project description including project goals and quantitative and measurable objectives to be achieved. | III |
| 4 | Applicant is in regions without an existing regional readiness plan. | II |
| 5 | Feasibility studies consider electric vehicles and fuel cell electric vehicles, but may include other alternative fuels except propane. | II |
| 6 | The following counties are eligible: Alpine, Amador, Butte, Calaveras, Imperial, Inyo, Lake, Lassen, Mariposa, Modoc, Mono, Plumas, and Tuolumne | II |



Scoring Criteria for Category B: New ZEV Regional Readiness Plan Development

| | Criteria | Solicitation Section |
|---|---|----------------------|
| 1 | The Applicant is an Eligible Applicant. | II |
| 2 | The project is an Eligible Project. | II |
| 3 | Application describes specific region covered by the proposed plan. | III |
| 4 | Application contains information regarding current status of ZEV infrastructure within the proposed region. | III |
| 5 | Applicant identifies barriers to ZEV adoption in selected region. | III |
| 6 | Applicant proposes strategies to advance ZEV adoption within the selected region. | III |



Scoring Criteria for Category C: ZEV Readiness Plan Implementation

| | Criteria | Solicitation Section |
|---|--|----------------------|
| 1 | The Applicant is an Eligible Applicant. | II |
| 2 | The project is an Eligible Project. | II |
| 3 | The Application Form identifies the project region and includes a project description including project goals and quantitative and measurable objectives to be achieved. | III |
| 4 | If applicable, Application abides by trailblazer signage guidelines set forth in Section II.B.3. | II |
| 5 | Application provides a separate Activity Description Sheet for each selected activity (Attachment 1-a) which includes the requested funding amount for the activity with justification on why the amount is the appropriate level for the proposed activity, a summary of the selected activity, and how the activity will be conducted. | III |
| 6 | Applicants must demonstrate that the proposed project is coordinated and consistent with an existing ZEV Readiness Plan. | III |



Scoring Criteria for Category D: ZEV Readiness Plan Development and Implementation

| | Criteria | Solicitation Section |
|---|---|----------------------|
| 1 | The Applicant is an Eligible Applicant. | II |
| 2 | The project is an Eligible Project. | II |
| 3 | For new plan development, address technical screening criteria in Table 2. | Table 2 |
| 4 | For implementation activities, address technical screening criteria in Table 3. | Table 3 |



Eligibility Requirements

- Open to all California public entities that can meet requirements of GFO-16-601
- Applicant must be lead public entity of a regional coordinating council to support the deployment of zero-emission vehicles.
- Lead public entity must be authorized to accept and administer the award on behalf of the regional coordinating council. The regional coordinating council must be in place before the execution of a grant agreement resulting from the solicitation and regional coordinating councils must consist of a minimum of three California local public entities.
- Examples of regional coordinating councils for the purposes of this solicitation include: plug-in electric vehicle coordinating councils (PEVCC) and associations of governments.



Maximum Number of Applications

- Applicants are only eligible to submit one application per category under this solicitation
- Open to all California public entities that can meet requirements of GFO-16-601



Schedule

| ACTIVITY | ACTION DATE |
|--|---|
| Solicitation Release | October 17, 2016 |
| Pre-Application Workshop | November 4, 2016 |
| Deadline for Written Questions | November 11, 2016 |
| Anticipated Distribution of Questions/Answers | November 25, 2016 |
| Deadline to Submit Applications | From October 17, 2016, until funds are exhausted. |
| Anticipated Notice of Proposed Awards Posting | Continuous, as needed |
| Anticipated Energy Commission Business Meeting | Various |



Recommended Application Organization

| Item | Attachment Number (if applicable) |
|---|-----------------------------------|
| Application Form | Attachment 1 |
| Table of Contents | N/A |
| Project Narrative | N/A |
| Activity Description Sheet(s) | Attached 1-a |
| Scope of Work | Attachment 2 |
| Schedule of Products and Due Dates | Attachment 4 |
| Budget Forms | Attachment 5 |
| Contact List | Attachment 6 |
| Letters of Support/Commitment | N/A |
| CEQA Worksheet | Attachment 7 |
| Localized Health Impacts Information Form | Attachment 8 |



Methods for Delivery

Found on page 15 of the GFO Application Manual

- **Hard Copies**
- **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 prior to the date and time specified in this solicitation
 - 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



Page Limitations

- Project Narratives are limited to 10 pages
- Activity Description Sheets (Attachment 1-a) for applications applying under Category C, ZEV Regional Readiness Plan Implementation and Category D, Plan Development and Implementation Combination are limited to 5 pages maximum
- Letter(s) of Support (optional) are limited to 2 pages maximum for each application
- Resumes (optional) are limited to 2 pages maximum
- Information provided beyond the specified page limitations may not be reviewed and evaluated





Questions?

*Recommend all questions
be submitted in writing and
emailed*

Kevyn Piper

**California Energy Commission
Grants and Loans Office**

**Attn: ZEV Regional Readiness &
Planning Solicitation
GFO-16-601**

**1516 Ninth Street, MS-18
Sacramento, CA 95814**

(916) 654-4845

Kevyn.Piper@energy.ca.gov



Thank You

Sharon.Purewal@energy.ca.gov

