

DOCKETED

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Pre-Solicitation Concepts for ZEV Infrastructure Manufacturing Projects



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October 15, 2018

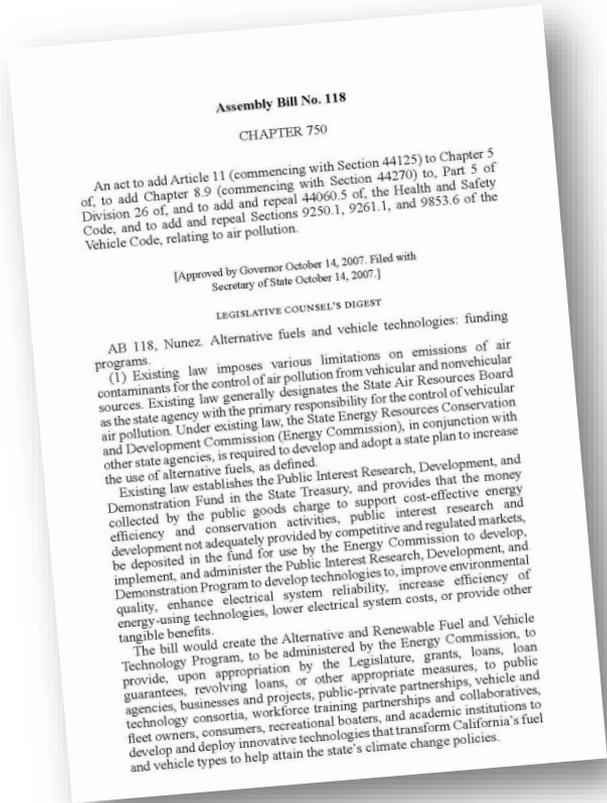


Webinar Agenda

- Welcome
- Overview Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP)
- Overview Pre-Solicitation Concepts
- Discussion
 - Funding
 - Applicant Eligibility
 - Project Requirements
 - Eligible Activities
 - Evaluation Criteria
 - Scoring
- Public Comments
- Next Steps



ARFVTP In Statute



Established by AB 118 (Nunez, 2007)
Extended thru January 1, 2024 by AB 8 (Perea, 2013)

Up to \$100 million per year

“...to develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.”
California Health and Safety Code 44272(a)



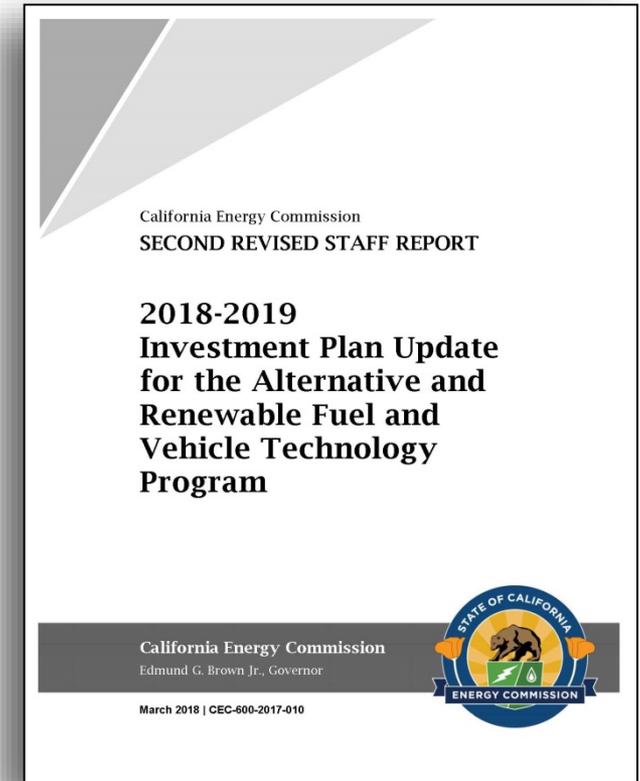
Investment Plan Purpose



Basis for solicitations, agreements,
and other funding opportunities

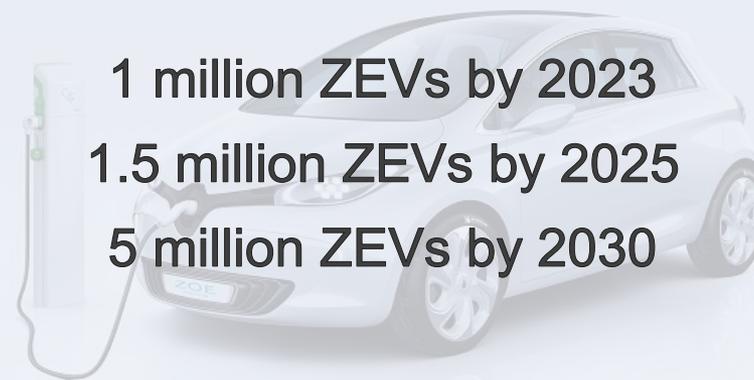
Describes funding for technologies,
fuels, and supporting elements

Funding allocations for categories
(not individual projects)





EXECUTIVE ORDER B-16-12
EXECUTIVE ORDER B-48-18
2018 ZEV Action Plan Priorities Update



1 million ZEVs by 2023
1.5 million ZEVs by 2025
5 million ZEVs by 2030

250,000 EV chargers by 2025 (10,000 FC)
200 hydrogen stations by 2025



Purpose of Solicitation

- Fund projects that will support the manufacture of zero-emission vehicle (ZEV) infrastructure technologies.
- Goals:
 - addressing ZEV infrastructure
 - addressing greenhouse gas emission reductions
 - addressing increased economic activity of California supply chains



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 cont.

- **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.).



Pre-Solicitation Concepts

Solicitation Element	Section No.
Funding	3, 4, 10
Eligibility	1, 5, 7
Projects Requirements	8
Eligible Activities	9
Screening Criteria	13, 14
Scoring Criteria	15
<i>Team Qualifications</i>	
<i>Business Operations</i>	
<i>Manufacturing Operations</i>	
<i>Implementation</i>	
<i>Budget</i>	
<i>Benefits</i>	



Funding (3, 4, 10)



- Given \$10,000,000 in available funding, is the \$2,000,000 maximum award adequate?
- Is “up to 50%” appropriate?



Eligibility (1, 5, 7)



- Are there companies that manufacture both Electric Vehicle Supply Equipment (EVSE) and Hydrogen Refueling Station Equipment (HRSE) interested in submitting more than one application?
- Are there “upstream” products that should be considered as eligible?
- Is eligibility for workforce projects appropriate and clearly articulated?



Project Requirements (8)



- Are there additional elements that should be included under Project Requirements?
- Are there manufacturing tools, equipment, or services that should be identified?
- Are ineligible project types clear?



Eligible Activities (9)



- Are there other activities that should be identified as Eligible Activities?
- What is the interest in allowing, as eligible, certification costs of manufactured products? What is the appropriate cap?
- Is the level of workforce training and development appropriate? (10% maximum of the total project cost.)



Screening Criteria (13, 14)



- Are there other Administrative or Technical Screening Criteria that should be included? Omitted?



Scoring Criteria (15)



- Review Appendix A – Scoring Scale.
- Are there missing Scoring Criteria that should be addressed?
- Should projects with higher cash match be scored higher?
- Is Section 15. b. on “Business Operations” and confidentiality clearly understandable?
- A maximum of 100 points is identified. Is the distribution of points appropriate for the scoring areas?





- Section 6: Key Activities and Dates

- Comments Due October 17, 2018

<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=15-MISC-04>

Comment title: “ZEV Infrastructure MFG”

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- Evaluate Comments Received

