

DOCKET

10-IEP-1F

DATE _____

RECD. JUL 14 2010



CALIFORNIA ENERGY COMMISSION

Alternative and Renewable Fuel and Vehicle Technology Program

American Recovery and Reinvestment Act Cost Share Activities

California Energy Commission

Sacramento, CA
July 13, 2010



CALIFORNIA ENERGY COMMISSION

AB 118 and the American Recovery and Reinvestment Act of 2009

- Energy Commission's competitive solicitation was released April 22, 2009
- Solicitation was limited to applicants submitting proposals to **transportation related** ARRA funding opportunities
- Energy Commission funds were to be used as cost share
- Successful applicants had to be consistent with the AB 118 Investment Plan and be successful in getting a federal award



CALIFORNIA ENERGY COMMISSION

ARRA Funding Opportunities Pursued

- Transportation Electrification - \$378 M
- Electric Drive Battery and Component Manufacturing - \$2 B
- Clean Cities - \$300 M
- Transit Investments for Greenhouse Gas and Energy Reduction - \$100 M
- Demonstration of Integrated Biorefinery Operations - \$480 M
- Advanced Research Projects Agency-Energy - \$150 M

3



CALIFORNIA ENERGY COMMISSION

AB 118 Proposals For ARRA Funding

- Transportation Electrification - \$378 M / \$785 M
- Electric Drive Battery and Component Manufacturing - \$2 B / \$319 M
- Clean Cities - \$300 M / \$425 M
- Transit Investments for Greenhouse Gas and Energy Reduction - \$100 M / \$57 M
- Demonstration of Integrated Biorefinery Operations - \$480 M / \$230 M
- Advanced Research Projects Agency-Energy - \$150 M / \$6 M

4



ARRA Funding Awarded to California with AB 118 Proposals

- Transportation Electrification - \$378 M / \$785 M / \$88 M
- Electric Drive Battery and Component Manufacturing - \$2 B / \$319 M / \$0
- Clean Cities - \$300 M / \$425 M / \$26 M
- Transit Investments for Greenhouse Gas and Energy Reduction - \$100 M / \$57 M / \$0 M
- Demonstration of Integrated Biorefinery Operations - \$480 M / \$230 M / \$0
- Advanced Research Projects Agency-Energy - \$150 M / \$6 M / \$4M

5



AB 118 Dollars Awarded

- Transportation Electrification - \$21 M
- Electric Drive Battery and Component Manufacturing - \$0
- Clean Cities - \$22 M
- Transit Investments for Greenhouse Gas and Energy Reduction - \$0 M
- Demonstration of Integrated Biorefinery Operations - \$0
- Advanced Research Projects Agency-Energy - \$1M

6



CALIFORNIA ENERGY COMMISSION

Summary of Activity

**The Energy Commission reviewed a total of
301 applications**

Funds Available in Federal Solicitation	Funding Requested in Pre-Proposal	Funding Requested in Final Proposals
\$3.408 billion in 6 solicitations	\$1 billion for 193 applicants (\$2.85 billion federal dollars)	\$624 million for 108 applicants (\$1.82 billion federal dollars)

7



CALIFORNIA ENERGY COMMISSION

Projects With ARRA Funding

Project and Description	Award Amount	Federal Funding
ETEC - Charging Infrastructure for Nissan Leaf Rollout	\$8,000,000	\$39,350,127
SMUD - Charging Infrastructure for General Motors	\$553,000	\$2,116,898
SMUD - Charging Infrastructure for Chrysler	\$100,000	\$2,209,000
PHEV Medium-Duty Commercial Fleet Demonstration and Evaluation	\$5,000,000	\$27,994,490
Coulomb - Electric Vehicle Infrastructure for San Francisco, Los Angeles, and Sacramento	\$3,417,000	\$3,354,000
Transportation Electrification	\$17,070,000	\$75,024,515
DGS/Propel - E85 Fueling Stations	\$4,000,000	\$6,917,000
SCAQMD - Replacement of Diesel-Fueled Heavy-Duty Drayage Trucks with Natural Gas	\$5,142,000	\$9,408,389
SANBAG - LNG Trucks and LNG/CNG Fueling Infrastructure	\$9,308,000	\$9,950,708
Clean Cities	\$18,450,000	\$26,276,097
Envia - Development of High Energy Density Lithium Batteries	\$1,000,000	\$4,000,000
ARRA-E	\$1,000,000	\$4,000,000

8



CALIFORNIA ENERGY COMMISSION

Contact Information

Jennifer Allen
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814
916-653-0291
jallen@energy.state.ca.us