

California's Energy Recovery and Reinvestment Act Program Initiatives

November 18, 2009

California State Association of Counties
Annual Meeting
Monterey

Pat Perez, Assistant Executive Director
Economic Stimulus Program
California Energy Commission



Presentation Topics

- Overview of the American Recovery and Reinvestment Act (ARRA) Energy Programs
- Programs the Energy Commission is Administering
- Workforce Opportunities in the Energy Sector
- Other ARRA Program Initiatives
- ARRA Information Sources



Where it Began...February 19, 2009



ARRA Energy-Related Programs

- Total of \$42 billion
 - \$11.3 billion in formula-based funding
 - Efficiency
 - Renewables
 - Transportation
 - Green Community Plans
 - \$30.7 billion in technology–focused competitive and direct grant, loan and loan guarantee funds, tax incentives
 - Transportation
 - Transmission
 - Efficiency and Renewables
 - Clean Fossil Energy
 - Basic Research and ARPA-E
 - Environmental Clean-Up



Energy Commission ARRA Programs

- State Energy Program
- Energy Efficiency & Conservation Block Grant Program
- State Energy Efficiency Appliance Rebate Program
- Energy Assurance/Planning



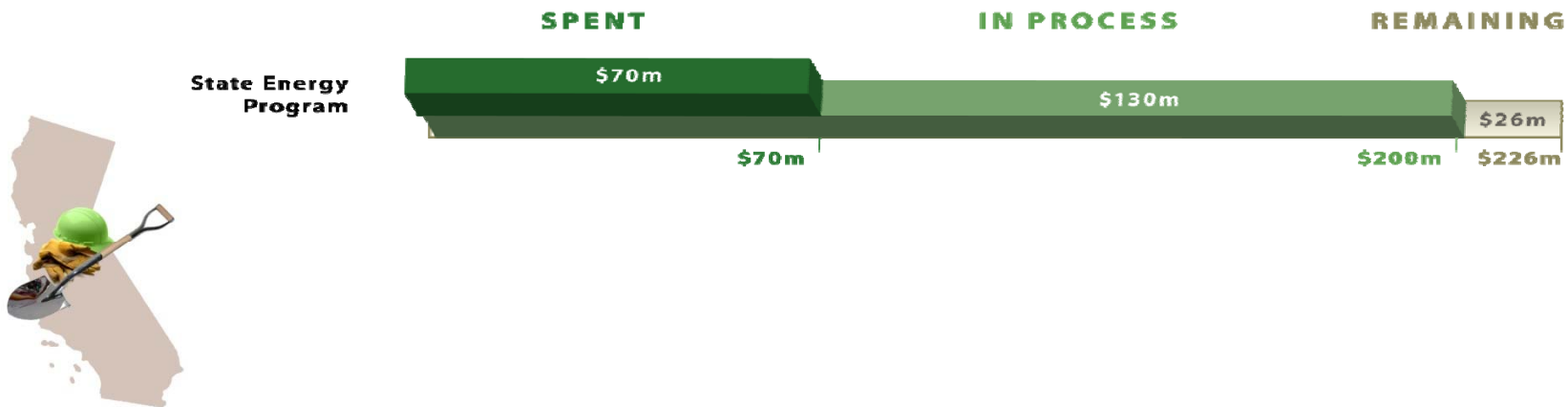
State Energy Program - \$226 million

- Program Support - \$13 million
- Department of General Services Revolving Loan Program to retrofit state owned buildings with energy efficiency measures - \$25 million
- Green Job Workforce - \$20 million
- Energy Efficiency Financing Program - \$25 million
- Clean Energy Program - up to \$35 million
- Energy Efficiency Programs – up to \$95 million
- Funds to be Allocated Depending on Program Oversubscription - \$13 million



State Energy Program Timeline

- All SEP funds must be encumbered by Sept 30, 2010 and fully drawn down by April 30, 2012
- Solicitations Deadlines and awards differ by program element



State Energy Program

Energy Efficiency Financing Element

- \$25 million available to support one percent interest loans for eligible public energy efficiency and renewable energy projects
- Loans repaid from energy cost savings
- Maximum loan amount is \$3 million per application
- Have approved about \$6 million in loans and have received over \$29 million in additional requests



State Energy Program Clean Energy Element

- Up to \$35 million available to provide low-interest loans and/or grants to private sector interests using biomass to produce biomethane gas or for the manufacture and/or assembly of energy efficient or renewable energy systems or technologies that are commercially available
- Guidelines are under development and will be released in late November or early December



State Energy Program Energy Efficiency Program

- Up to \$95 million available for three part program designed to achieve cost effective energy efficiency in existing residential and non-residential buildings:
 - Municipal Financing Program
 - Municipal and Commercial Building Targeted Measure Retrofit Program
 - California Comprehensive Residential Building Retrofit Program



State Energy Program Energy Efficiency Program

- Municipal Financing Program
 - Funds Local Governments – Financing Energy Efficiency Repaid Through Property Tax Assessments (AB 811-Type)
 - Required Measures, Funding Available for Certain Uses
- Municipal/Commercial Targeted Measure Program
 - Funds Public and/or Private Partnerships – Mass Implement a Few Targeted Measures in Large Number of Buildings
 - Required Best Practice Measures Approved by Commission
- Comprehensive Residential Building Retrofit Program
 - Funds Regional Consortia – Local Governments, Utilities, Affordable Housing, Energy/Building Contracting Experts
 - Required Tiered Approach, Program Elements, Transition to Whole-House Retrofits



Green Workforce Development



Green Job Funding Sources

- An Estimated \$47 million will be awarded to regional workforce development programs:
 - \$20 million from State Energy Program (ARRA)
34 grant awards announced on Oct 2
 - \$15 million from Alternative and Renewable Fuel and Vehicle Technology Program (AB 118)
 - \$12 million from Public Interest Energy Research program for green partnership academies



Energy Efficiency Conservation Block Grant Funding Programs - \$49.6 million

- Technical Consultant Services
- Energy Audits
- Financial Incentives
- Energy Efficiency Retrofits
- Energy Efficiency Conservation Programs for Buildings and Facilities
- Traffic Signals and Street Lighting
- Renewable Energy Technologies Combined with Energy Efficiency on Government Buildings



Energy Efficiency Conservation & Block Grant Program (EECBG)

- Small City/County Pass-Through Funds
- Minimum funding levels:
 - \$25,000 per city
 - \$50,000 per county
- Energy Commission allocating 70 percent (ARRA requires minimum 60%) of EECBG funds to small cities and counties - Applications accepted until January 12, 2010
- Projects must be cost-effective energy efficiency and achieve at least 10 million source Btus per \$1,000 of EECBG funds expended
- Remaining 30 percent will be offered to a broader array of eligible parties and guidelines are under development



Other ARRA Energy Funding Programs

Energy Commission Administered Programs:

- State Energy Efficiency Appliance Rebate Program - \$35.2 million
- Energy Assurance/Planning - \$3.6 million

Department of Energy Funding Opportunity:

- Competitive Energy Efficiency and Conservation Block Grants:
Retrofit Ramp-up and General Innovation Fund - \$453.7 million
 - Voluntary Letter of Intent due to DOE on November 19, 2009
 - Application due to DOE on December 14, 2009



For More Information:

Visit the Energy Commission's website at:

www.energy.ca.gov/recovery

and sign up for List Server to receive
timely announcements

California Economic Recovery Portal

www.recovery.ca.gov

Federal Energy Website:

www.energy.gov/recovery

