

American Recovery and Reinvestment Act of 2009

Energy Funding Implications for California

The California Energy Commission and the
California Department of Community Services and Development

with remarks by:

Office of Governor Arnold Schwarzenegger

United States Department of Energy

California Public Utilities Commission

California Air Resources Board

California League of Cities

California State Association of Counties

Webinar

March 13, 2009



Where We Are Going Today

- Introduction
- Department of Energy
- State Agency Administered Programs
- Non-Formula Funds
- Stakeholder Coordination
- Upcoming Events



Questions and Answers

- For questions about energy related components of the American Recovery and Reinvestment Act (ARRA) during or after the webinar please submit them to:

www.energy.ca.gov/recovery/contactus.html

- Answers to questions received today will be posted on www.energy.ca.gov/recovery website by March 23.

- A recording of this webinar will be posted on:

www.energy.ca.gov/recovery



California Economic Recovery Council

- Cabinet secretary team to coordinate California's response to the ARRA
- www.recovery.ca.gov



Federal Energy Stimulus Team (FEST)

- California State agency team to coordinate response to ARRA energy opportunities
 - Governor's Office (lead)
 - Energy Commission
 - Department of Community Services and Development
 - Public Utilities Commission
 - Air Resources Board
 - California Environmental Protection Agency
 - Natural Resources Agency
 - Housing and Community Development Department



FEST Recovery Websites

- Documents
- Guidelines
- Online question and answer
- Events
- List Servers

www.energy.ca.gov/recovery

www.csd.ca.gov/Recovery/Recovery.aspx



ARRA Energy Appropriations

- Total of \$42 billion
 - \$11.3 billion in formula-based funding
 - Efficiency
 - Renewables
 - Green Community Plans
 - \$30.7 billion in competitive and direct grant, loan and loan guarantee funds
 - Transportation
 - Transmission
 - Renewables
 - Research



Department of Energy



Steven Chu
Secretary of Energy

www.energy.gov/recovery/index.htm



U.S. Department of Energy

**American Recovery and
Reinvestment Act**

Matthew Duchesne

Office of Environmental Management



U.S. Department of Energy

Matthew Duchesne

Primary DOE Point of Contact for ARRA-Related Questions from:

- Governor's Office
- Other State Officials
- Congressional Offices



U.S. Department of Energy

Other Sources of Information:

- DOE Website – www.doe.gov
 - ARRA Information
 - Program Information
 - Telephone Numbers
- EERE Information Center – www.eere.gov
 - 1.877.337.3463



ARRA Formula Energy Appropriations

- Total of \$11.3 billion in formula-based funding
 - \$3.1 billion State Energy Program
 - Energy Commission will receive \$226 million
 - \$3.2 billion Energy Efficiency and Conservation Block Grant Program
 - California local governments are expected to receive \$100s of millions
 - Energy Commission is expected receive \$56 million
 - \$5 billion for Low Income Home Weatherization
 - Community Services and Development Department will receive \$185 million
 - \$300 million nationally for Energy Star Appliance Rebates
 - Energy Commission is expected receive \$30 Million



State Energy Program

- Energy Commission is expected to receive \$226 million
 - Traditional State Energy Program appropriations to California \$1-3 million annually
- Types of activities allowed under State Energy Program
 - Implementing building, industrial and transportation energy efficiency programs
 - Expanding distributed generation, renewable energy and public education programs
 - Conducting any activity to improve energy efficiency, increase use of renewable energy or increase energy efficiency and economic development.



State Energy Program

- Direction from ARRA
 - Expansion of existing energy efficiency programs
 - Expansion of existing programs, to support renewable energy projects and deployment activities,
 - Cooperation and joint activities between States
- Department of Energy guidelines released on March 12
 - www.energy.ca.gov/recovery/documents/index.html



State Energy Program

- The FEST will be working with stakeholders to recommend programs to be funded with State Energy Program funds
- The FEST will be contacting stakeholders directly to organize meetings
- For any questions about State Energy Program please submit them online:
 - www.energy.ca.gov/recovery/contactus.html



Energy Efficiency and Conservation Block Grant

- \$3.2 billion nationally
 - 68% to local governments (directly to cities > 35,000 and counties > 200,000 population)
 - 28% to state energy offices
 - 2% to tribes
 - 2% competitive grants
- California local governments are expected to receive \$100s of millions
- Energy Commission is expected to receive \$56 million



Energy Efficiency and Conservation Block Grant

- Assist eligible entities in implementing energy efficiency and conservation strategies
 - to reduce pollution emissions from fossil fuels created as a result of activities within the jurisdictions of eligible entities;
 - to reduce total energy use; and
 - to improve energy efficiency in the transportation, building, and other appropriate sectors.



Energy Efficiency and Conservation Block Grant

- Energy Commission is expected to receive around \$56 million
 - 60% of the funds will be distributed to small municipalities through a competitive block grant program
 - 40% will be placed into the State Energy Program and spent at the Energy Commission's discretion
- Department of Energy expected to release guidelines soon



Energy Efficiency and Conservation Block Grant

- Stakeholders should contact their local governments to get involved in planning EECBG funds in their city or county.
- The FEST will be working with stakeholders to plan funds for the State-administered Block Grant funds
- For any questions about Block Grant please submit them online:
 - www.energy.ca.gov/recovery/contactus.html



Energy Efficient Appliance Rebate Program and Energy Star Recovery Funding

- Authorized in Energy Policy Act of 2005
- \$300 million available nationwide
 - Estimated \$30 million to California Energy Commission
- Provides rebates to residential consumers for purchase of Energy Star products to replace used appliances of the same type
- Rebates shall be used to supplement, not supplant existing funds



Department of Community Services & Development (CSD)

Lloyd Throne
Director



The MISSION of the Department of Community Services & Development is to administer and enhance energy and community service programs that result in an improved quality of life for the low-income population.



CSD administers California's allocation of the following federal programs:

- U.S. Department of Health and Human Services Community Services Block Grant (CSBG) Program
- U.S. Department of Health and Human Services Low-Income Home Energy Assistance Program (LIHEAP)
- U.S. Department of Energy Weatherization Assistance Program (DOE WAP)



CSD partners with a network of over 100 agencies statewide

Local Providers

COMMUNITY ACTION AGENCIES

ENERGY PROVIDERS

LOCAL GOVERNMENTS

INDIAN TRIBES

MIGRANT & SEASONAL FARMWORKER ORGANIZATIONS

OTHER COMMUNITY-BASED ORGANIZATIONS



Low-Income Home Energy Assistance Program

- LIHEAP Block Grant administered by CSD since 1975
- Purpose of the LIHEAP Program to provide:
 - Direct payment to help offset the cost of heating or cooling
 - assistance in crisis situations
 - provide weatherization (limited to 25% of the block grant)
 - Targets high energy burdens and members of vulnerable populations

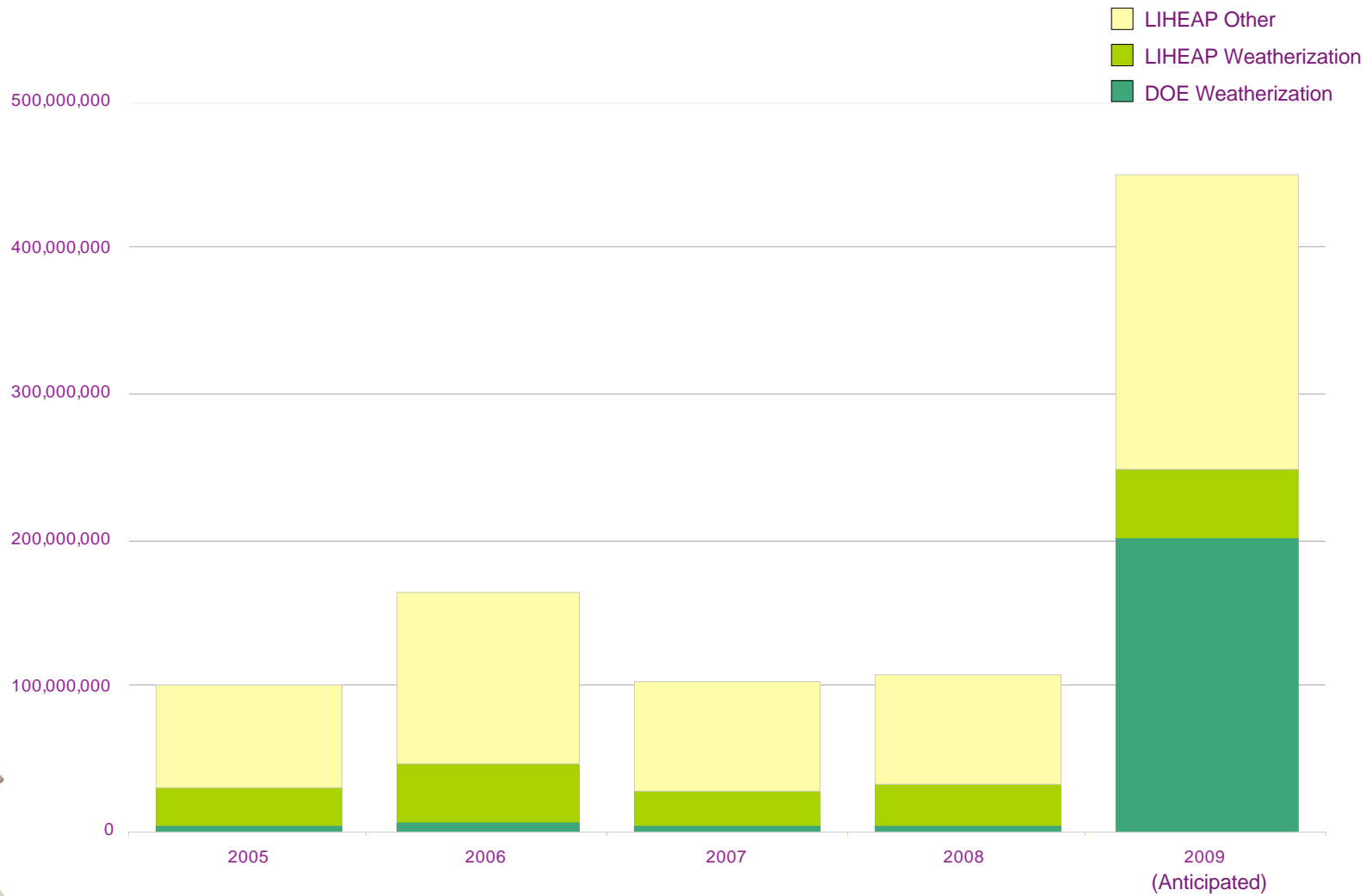


DOE Weatherization Assistance Program

- Administered by CSD for over 30 years
- Purpose of the DOE WAP is to:
 - increase the energy efficiency of dwellings owned or occupied by low-income Californians
 - reduce total energy expenditures
 - improve health and safety
- Focus on vulnerable population



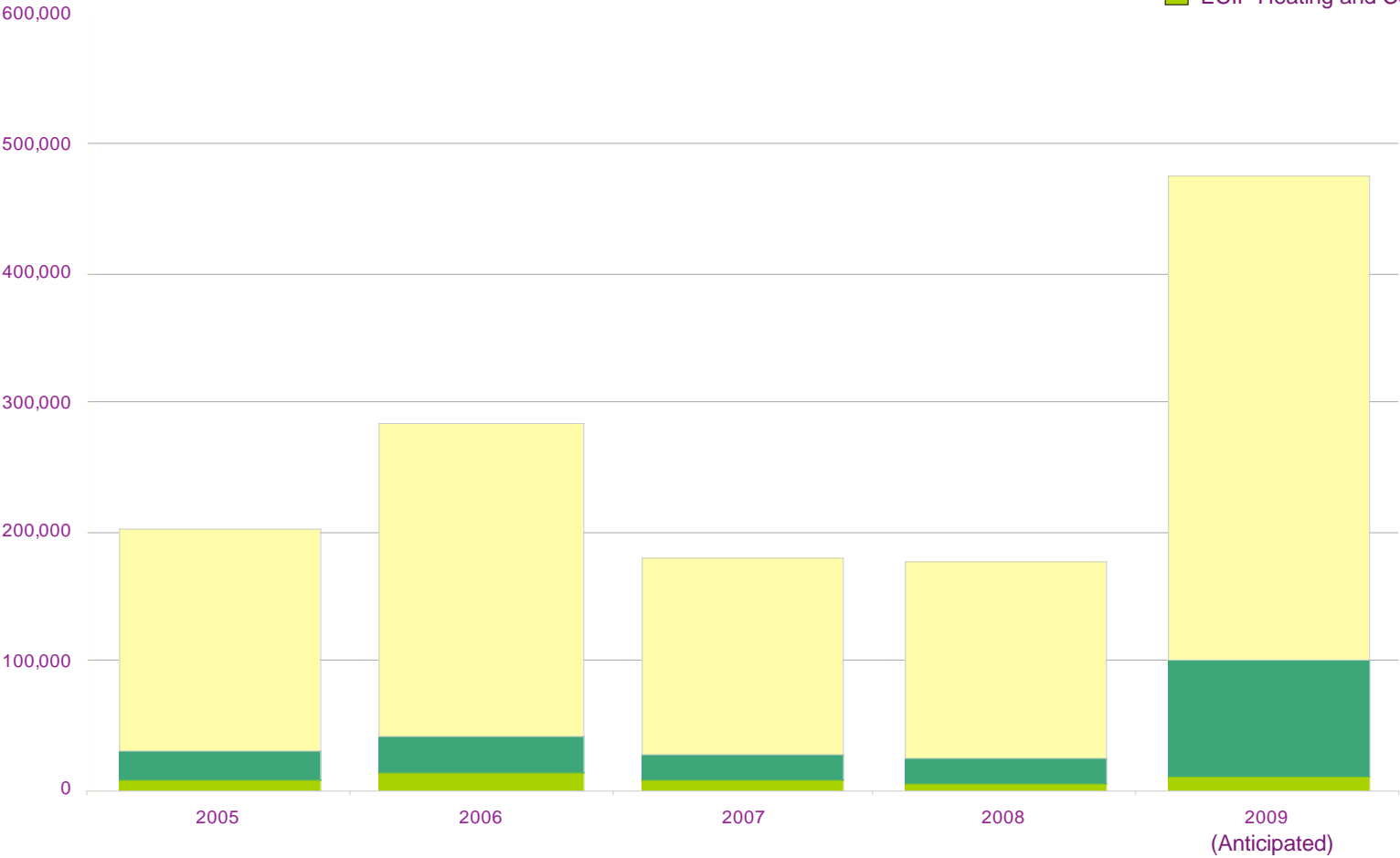
LIHEAP & DOE Funding for CSD



Total Homes Served

LIHEAP & DOE

- Other Energy Services
- Weatherized
- ECIP Heating and Cooling



Coordination with Other State Agencies

- Member of FEST (Federal Energy Stimulus Team)
- State Energy Plan
- CSD/CPUC (California Public Utilities Commission)
Memorandum of Understanding
- All Party Meeting



CSD Coordinates Statewide Network of Local Agencies

- September '08 LIHEAP funding helped “Jumpstart” ramp-up
- DOE stimulus funds will continue that ramp-up and encourage additional service capacity in CSD’s network



Local Service Provider Coordination

- Local Providers coordinate with workforce investment boards, faith-based and community organizations, Community Development Block Grants, Housing and Urban Development housing programs, community colleges, county board of supervisors, city councils, private contractors, mortgage counselors and chambers of commerce



Questions about CSD and the
Recovery Act? Please email us at:

Recovery@csd.ca.gov



ARRA non-Formula Energy Appropriations

- Total of \$30.7 billion in competitive and direct grant, loan and loan guarantee funds
 - \$11 billion for Transmission
 - \$6.5 billion for new loan authority for Bonneville Power and Western Area Power Authority
 - \$4.5 billion for competitive smart grid demonstration projects
 - \$1.7 billion for Transportation
 - Clean Cities, Diesel Emissions Reductions, Electric Drive Vehicles



ARRA Non-Formula Energy Appropriations

- Total of \$30.7 billion in competitive and direct grant, loan and loan guarantee funds
 - \$6 billion for Renewable Energy
 - Renewable Energy Loan Guarantees
 - \$8.4 billion for Research
 - Clean Fossil Energy, Energy Efficiency and Renewable Energy Research, Advanced Battery Research

www.energy.ca.gov/recovery



How the California Public Utilities Commission Expects to Help Coordinate Stimulus Spending

Collaborate with Energy Commission on Discretionary Funding Plans

- **State Energy Program:** Contribute to shaping content of State Energy Program, drawing on Energy Action Plan, California Energy Efficiency Strategic Plan, Integrated Energy Policy Report
- **Energy Star Appliance Rebates:** Collaborate

Direct Utilities to Facilitate Effective Use of Funds

- **Low Income Energy Efficiency:** Coordinate selected outreach, service delivery, & monitoring of utility Low Income Energy Efficiency programs with Community Services and Development's Weatherization Program
- **Targeted Utility Facilitation:** Direct Investor Owned Utility Energy Efficiency, Renewable, & Demand Response programs & activities to help energy users maximize effectiveness and uptake of stimulus funds



How the California Public Utilities Commission Expects to Help Coordinate Stimulus Spending

Support California Success with Competitive Awards

- **Smart Grid:** Collaborate with Energy Commission, California Independent System Operator, utilities and others to shape a plan that can garner significant funding for California to demonstrate and deploy components of the Smart Grid
- Alternative & Electrified Transportation
 - Promote existing California Public Utilities Commission policies and undertake additional regulatory actions to help secure competitive grants for alternative transportation in California
 - Ensure appropriate regulatory actions are taken regarding utility investments and tariffs needed to support alternative transportation infrastructure and operations



California Air Resources Board

Lead Agency for implementing AB 32

“By Exercising a global leadership role, California will position its economy, technology centers, financial institutions, and businesses to benefit from efforts to reduce emissions of greenhouse gases.”

– AB 32, California Global Warming Solutions Act

“A comprehensive set of actions designed to reduce greenhouse gas emissions in California, improve our environment, reduce our dependence on oil, diversify our energy sources, save energy, create new jobs, and enhance public health.”

– AB 32 Scoping Plan



Coordination with state & local partners, stakeholders

ARRA Non-Formula Funding Program Coordination

- The Governor has declared that California will be the most competitive State in the nation in competing for ARRA funding
- The FEST will be working with stakeholders in all of the program funding areas
- To follow FEST activities:
www.energy.ca.gov/recovery





Coordination with State on ARRA Funding

- Information and Resources for Cities:

- www.cacities.org/federalstimulus

- League's City Funding Book - updated weekly with new information from State and Federal Agencies on available funding, applications and deadlines.

- Meeting regularly with the California Energy Commission to coordinate information and efforts on grant opportunities, including Energy Efficiency and Conservation Block Grant Dollars

- Partnering over the next few months with local governments and the Energy Commission to provide additional information on funding opportunities for cities.





American Recovery and Reinvestment Act: Coordination with State and Local Partners

- CSAC has created a webpage for news and updates related to the American Recovery and Reinvestment Act of 2009, which includes the CSAC Funding Chart with information on all funding opportunities available to counties.

www.csac.counties.org/

- CSAC is providing its members with updates through its Executive Director's Watch and Legislative Bulletins.

- CSAC is meeting with state agencies to discuss coordination efforts.

- CSAC is partnering with local governments and the Energy Commission to provide additional information.



Upcoming Events

- **March 16** -1 pm – 3 pm

Public Utilities Commission All-Party meeting regarding the coordination of ARRA on investor owned utilities' 2009-2011 efficiency and low income efficiency programs

- **March 27** -1:30 pm

Public Utilities Commission Smart Grid proceeding workshop regarding the impact of the ARRA on investor owned utilities' smart grid planning and deployment efforts



www.cpuc.ca.gov

Thank You!

State website:

www.energy.ca.gov/recovery

Federal website:

[www.csd.ca.gov/Recovery/
Recovery.aspx](http://www.csd.ca.gov/Recovery/Recovery.aspx)

