

Energy Efficiency Leading Economic Recovery

Integrated Energy Policy Report Workshop Sacramento, CA

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Martha Brook

High Performance Buildings & Standards Development Office

Efficiency & Renewable Energy Division

mbrook@energy.state.ca.us / 916-654-4086



Setting the Stage

- ❖ AB 758 – introduction
- ❖ Isn't California already trying to improve the efficiency of existing buildings?
- ❖ What's new here?
- ❖ AB 758 - implementation timeline
- ❖ CPUC: relevant energy efficiency policy & programs now underway
- ❖ AB 758 – statewide partnerships
- ❖ Organization of discussion panels



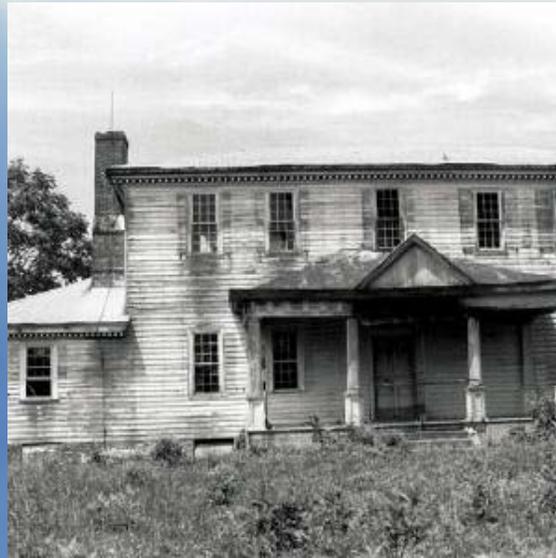
AB 758 (Skinner, 2009)

- ❖ Calls for a comprehensive program to achieve energy savings in CA's existing building stock
- ❖ CEC must develop and implement program, in collaboration with all stakeholders



AB 758: a NEW law for OLD buildings

- ❖ Calls for a complimentary portfolio of techniques, applications, and practices to improve the efficiency of buildings that fall significantly below current California Building Energy Efficiency Standards



AB 758 Elements

- ❖ Program components will include:
 - Workforce Development
 - Public Awareness Campaign
 - Financing Options
 - Energy Performance Rating Systems
 - Energy Performance Disclosures
 - Efficiency Recommendations
 - Efficiency Improvements



Isn't CA already doing this?

- ❖ IOU 2010-2012 energy efficiency programs for existing buildings ~ **\$2.5 B**
- ❖ California Building Energy Efficiency Standards applies to additions & alterations of existing buildings
- ❖ California Long Term Energy Efficiency Strategic Plan (CPUC, 2008)
- ❖ CA's American Recovery and Reinvestment Act (ARRA) funding ~ **\$740 M building efficiency upgrades**



What's new with AB 758?

- ❖ CEC given the authority to develop, adopt & implement regulations
 - Potential Rating **Requirements**
 - Potential Improvement **Requirements**
- ❖ Long term, statewide program
 - CEC using ARRA SEP programs to pilot key components of AB 758
 - Increase Public Awareness
 - Pursue Financing Solutions
 - Build Workforce
 - Pilot Rating Programs



AB 758 Timeline

❖ Phase 1: Infrastructure Development (2010 & 2011)

- ARRA SEP Pilots
- Current voluntary energy efficiency programs
- AB 1103: Commercial building energy use disclosure regulations
- Commercial building asset rating system development
- Update HERS II if needed, based on pilot programs



AB 758 Timeline

- ❖ **Phase 2: Ratings & Disclosures (2012 & 2013)**
 - Rulemaking(s) for rating disclosure regulations
 - Develop recommendations for mandatory improvements
- ❖ **Phase 3: Efficiency Improvements (2014 & ...)**
 - Rulemaking(s) for efficiency improvement regulations



We're not starting from scratch:
**Relevant Energy Efficiency
Policy & Programs
Now Underway**

CPUC Presentation by
Simon Baker



AB 758: Phase 1



EXISTING BUILDING RETROFITS

Workshop Discussion Panels

- ❖ Discussion panel topics == AB 758 elements
- ❖ Panel members are each participating in one or more ARRA SEP programs
- ❖ Challenge: identify barriers to success and discuss other relevant issues

