



Energy Efficiency Strategic Plan Update

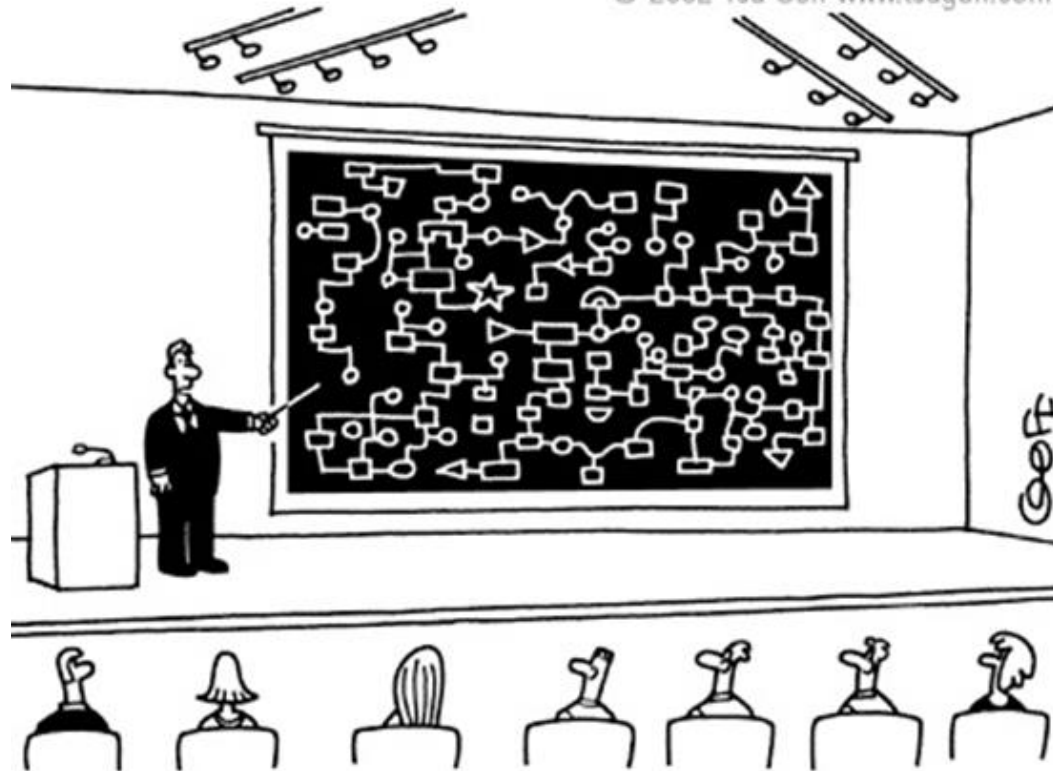


Western HVAC Performance Alliance
April 29, 2015



Energy Efficiency Strategic Plan

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"This is our plan for
the next 1,000 years."



The EE Strategic Plan

2007

- CPUC adopts Big Bold Energy Efficiency Strategies
- CPUC orders a Strategic Plan to achieve “all cost-effective energy efficiency.”

2008

- CPUC adopts the Strategic Plan

2009

- CPUC approves IOU programs shaped by the Strategic Plan

2014

- Strategic Plan update process begins



CA | Energy Efficiency Strategic Plan

January 2011

www.Engage360.com

Engage 360



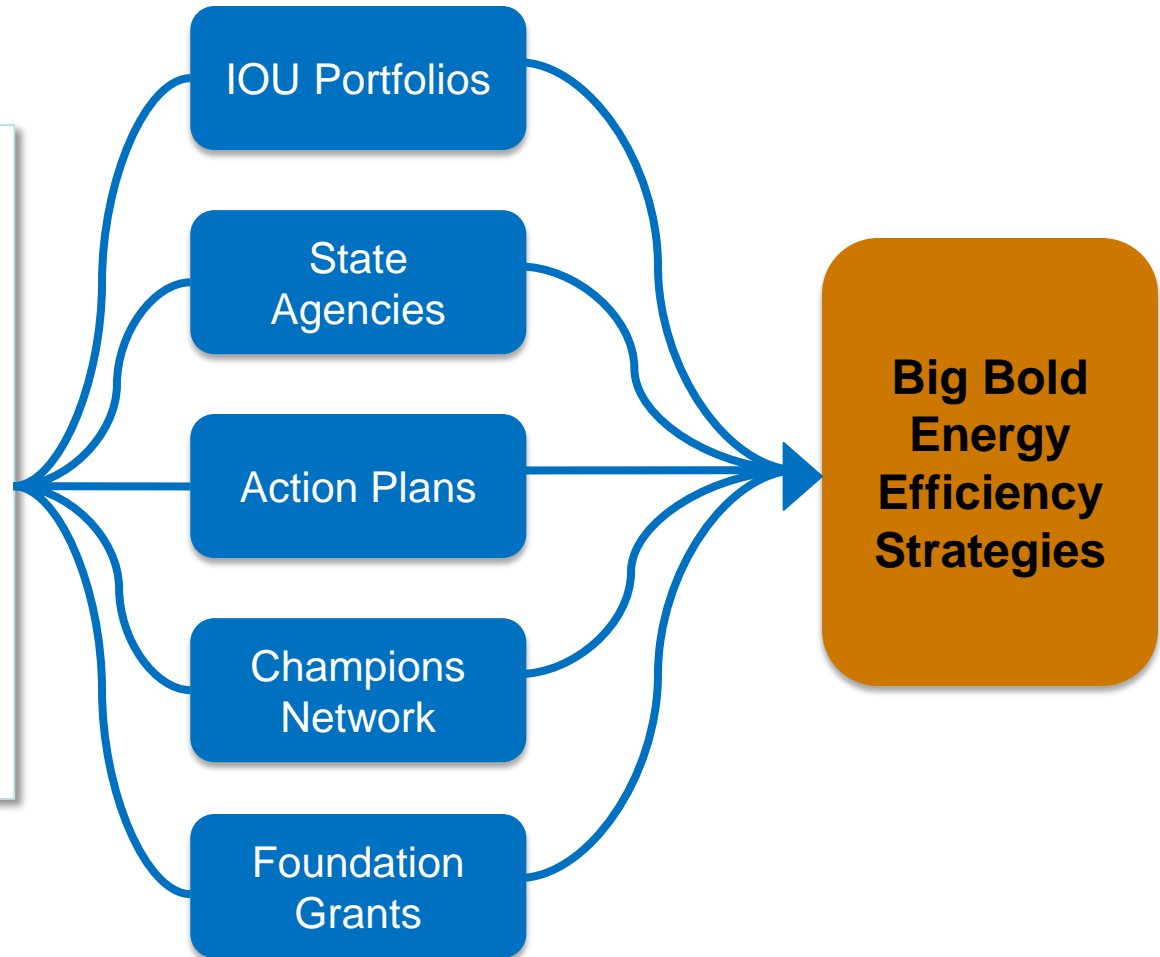
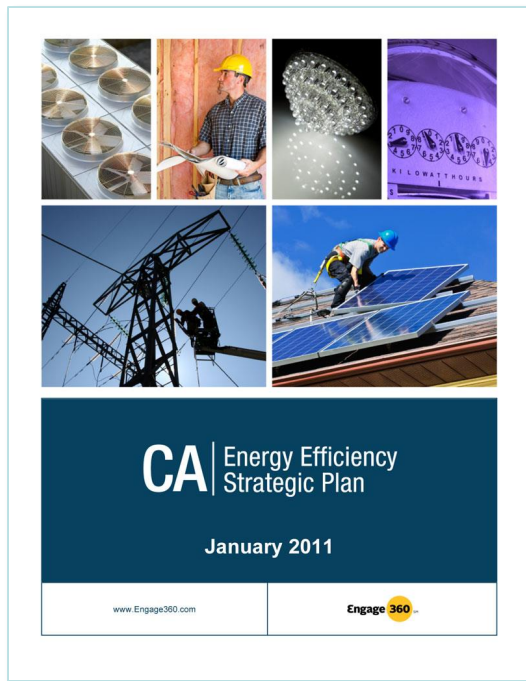
Strategic Plan: Big Bold Goals



- All new residential construction in California will be zero net energy by 2020
- All new commercial construction in California will be zero net energy by 2030
- Heating, Ventilation and Air Conditioning (HVAC) will be transformed to ensure that its energy performance is optimal for California's climate
- All eligible low-income customers will be given the opportunity to participate in the low income energy efficiency program by 2020.



The EE Strategic Plan



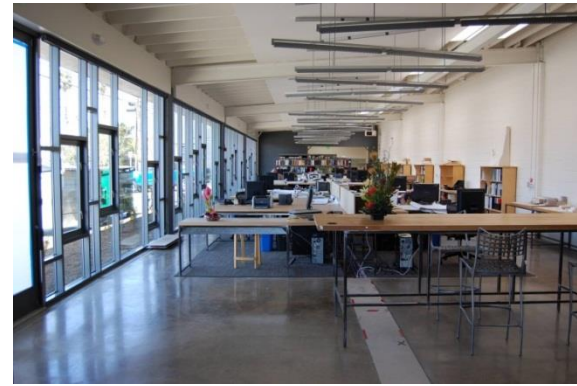


Zero Net Energy Buildings in California: Commercial Buildings

60 ZNE commercial buildings since 2007



DPR Construction San
Diego Corporate Office ,
Chip Fox



Bacon St. Offices,
SDG&E & Hanna
Gabriel Wells
Architects



SMUD East Campus Operations Center, Doug Norwood



Strategic Plan Update

- The Energy Efficiency Strategic Plan will undergo an update in the next year
- CPUC on-boarding new Project Manager, Herter Energy
- Update will have more IDSM in scope
- Will incorporate the Existing Buildings AP (AB 758)



Updating the Strategic Plan

Chapters

1. The 2015 Vision
2. Commercial buildings
 - a. New
 - b. Existing
3. Residential Buildings
 - a. New
 - b. Existing
3. Local Government
4. Industrial
5. Agriculture (under consideration)





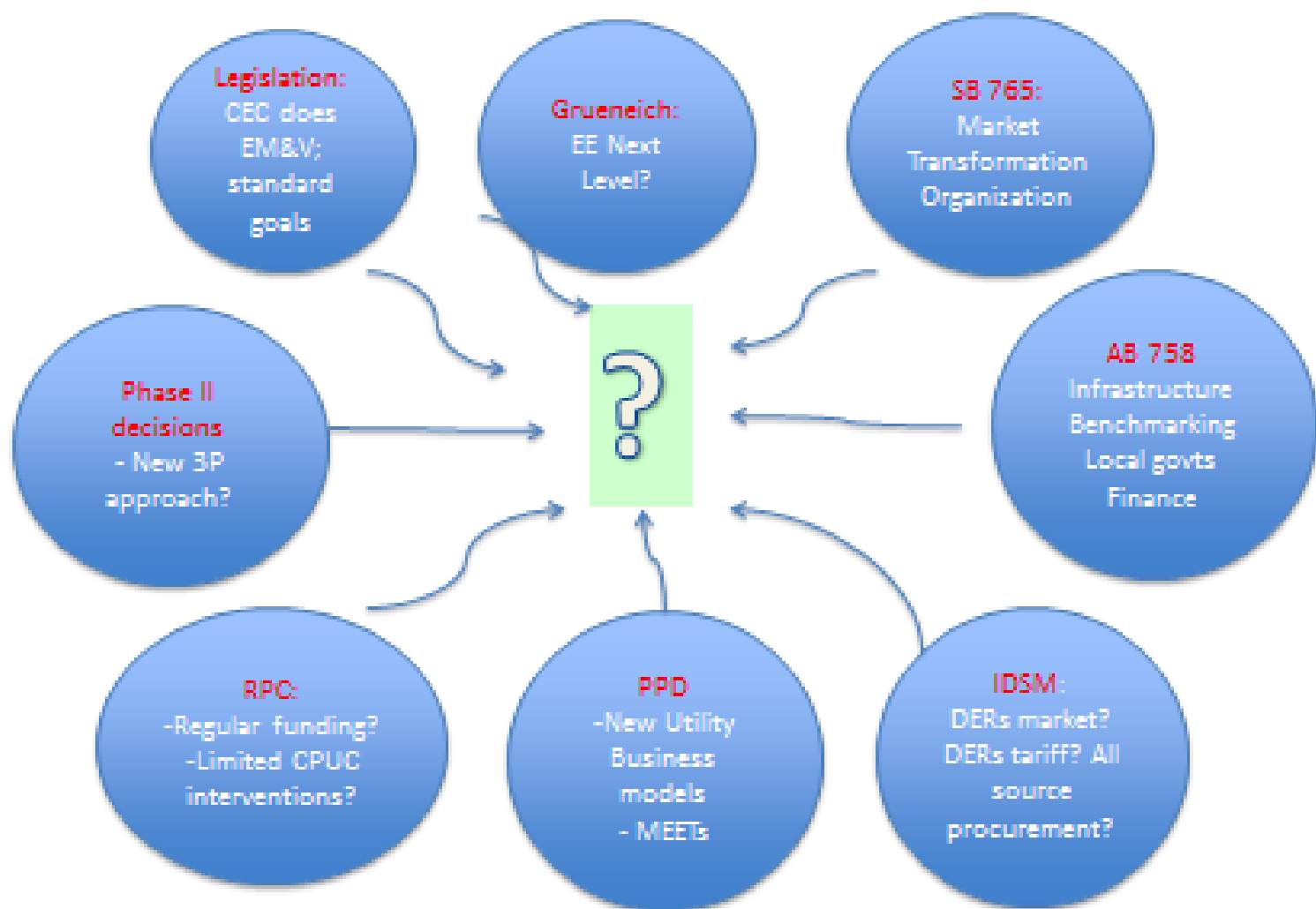
Shifting Policy Landscape

- **2015 Update to be an IDSM Strategic Plan (but we need a better name)**
- **Need to consider how non-EE technologies interact with energy efficiency.**
- **Also need to consider needs of an EE rolling portfolio cycle.**
- **Needs to incorporate policy objectives of the CEC's Existing Buildings Plan (a product of AB 758)**





Many Moving Pieces





Questions?

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