

New Strategies for Old Buildings Assets: Working in Existing Municipal Buildings Infrastructure

*6th Annual Statewide Energy Efficiency Forum
June 18, 2015*

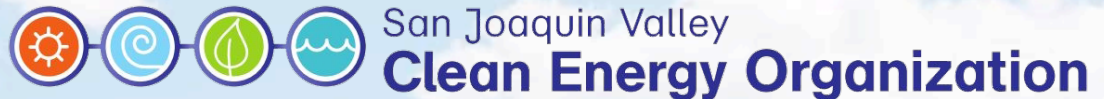
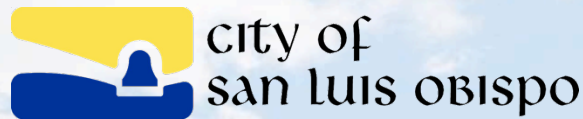
Today's Panelists

Moderator:

- Laurel Rothschild, The Energy Coalition

Success in Action:

- Howard Brewen
- Charles Herbertson
- Courtney Kalashian



Why Existing Municipal Infrastructure?

- Existing buildings account for 40% of energy used in US
- There are approximately 40,000 local government buildings in California
- Position as a Leader within their community
- Greater opportunity in existing infrastructure
- Policy pressure
- Funding and assistance is available!

Market Drivers

Governor's Energy Objectives for 2030

- Double the efficiency of existing buildings

Drought

- Water-energy nexus

Loss of Electricity Generation Sources

- SONGS
- OTC planned retirement



Policies Driving EE in Existing Buildings



CALIFORNIA
ENERGY COMMISSION

- AB 758 – Pursue EE in existing building stock
 - Goal 1: Proactive & Informed Government Leadership in Energy Efficiency
 - Ex: Efficiency Upgrades for public buildings
 - Outcome: Local Governments demonstrate leadership by accomplishing deep energy retrofits in government buildings



Policies Driving EE in Existing Buildings

California Public Utilities Commission

- Rolling Portfolio for EE
 - Existing Baseline
 - Long term energy goals
- Integrated Demand Side Management
 - Integrate customer energy solutions
 - Removing silos



Funding for Existing Municipal Infrastructure



CALIFORNIA
ENERGY COMMISSION

- *Tentative:* Local Government Challenge (AB 758)
- *Waiting list:* [Energy Conservation Assistance Act \(ECAA\) Low Interest Loans](#) (1% rate)
- *Available now:* [Energy Partnership Program](#)



Funding for Existing Municipal Infrastructure

California Environmental Protection Agency



- *Tentative:* Cap and Trade funding 2015-16 for EE upgrades in public building
 - [Budget Appropriations](#)



Funding for Existing Municipal Infrastructure

California Public Utilities Commission

- Available now: [Local Government Partnerships](#) & Incentive programs
- Available now: Regional Energy Networks -- [SoCalREN Public Agency program](#)



Key Challenges to be Addressed

- Who are our Stakeholders / Decision Makers?
- Do I have the needed resources (especially people)?
- How to budget a project mid-cycle?
- How to tackle and be successful with comprehensive projects?
- How to create a winning proposal for decision makers?
- How to make this easier on me and other staff?
- How to effectively identify and then track energy usage and savings?

And Now to the Main Event...

- Howard Brewen – *How to Sell Your Project*
- Charles Herbertson – *How to Sell Your Project*
- Courtney Kalashian – *Measuring What You Manage: How to Make Benchmarking Work for You*