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!
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
● 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

- **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

- **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*