

Sonoma County - A little history

- 2001 Joined ICLEI
- 2002 Made our first climate pledge
- 2004 All Cities plus the County adopt aggressive GHG goals
- 2006 Climate Action Plan approved beginning of the Energy Manager era
- Energy Watch began in early 2009
- SCEIP began in March 2009

2





Comprehensive Energy Project



- \$22,000,000 for multiple EE and the fuel cell
- Saves money from Day 1 of installation
- Supports Greenhouse Gas reduction goals
- Increases Collaboration
- Builds Local Economy

5

Comprehensive Energy Project



- 38 EEMs at 24 buildings
- Lighting retrofits, 20 buildings
- HVAC replace or rebuild in 4 buildings
- HVAC Motors & Controls
- Central Mechanical Plant (CMP) upgrade
- Water retrofit, including MADF and JJC
- 1.4MW Fuel Cell Cogeneration Power Plant



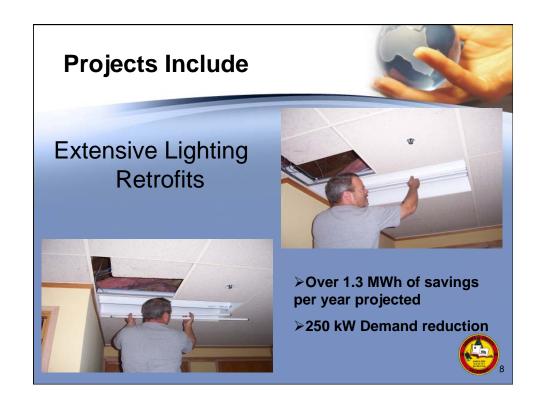
Comprehensive Energy Project



CEP Process

- RFP to select Energy Services Company
- AIRCON Energy
 - Inventoried County Facilities
 - Prepared Investment Grade Audit,
 - 101 Energy Efficiency Measures (EEM) evaluated
- Obtained Private Loan Financing based on Investment Grade Audit
- Based on equipment lease model in part

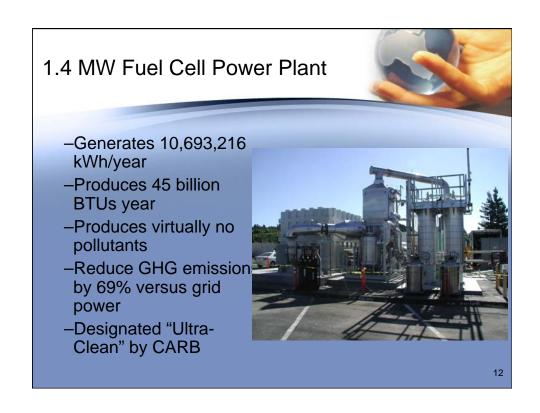
7

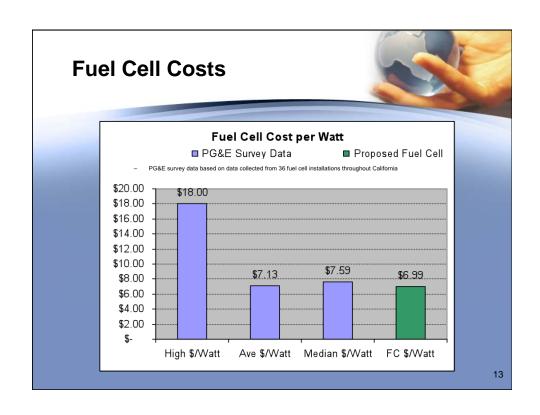












A Recap on Our Process Hired an Energy Services Company – Aircon – to do an investment grade audit of almost all of our county facilities Obtained a private loan Began with lighting work Moved on to mechanical systems Fuel Cell installation Set up a revolving fund to capture efficiency dollars



