

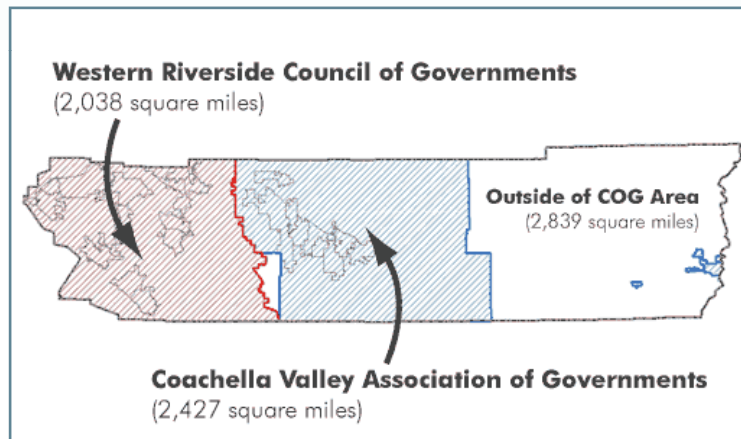


## The County

- 11<sup>th</sup> Largest US County in Population  
•**2,242,744**
- 3<sup>rd</sup> Fastest Growing US County (2010 census)  
•**81,411** (added since 2000)
- 6<sup>th</sup> Largest US County in Land Mass  
•**7,303** square miles
- Cities in County  
•**27** (up from 24)

A map of California showing its county boundaries. Riverside County, located in the southeastern part of the state, is highlighted in red.

## The County--COGs



## The County--Government

- Board of Supervisors
  - 5 Districts
- Owned Buildings
  - 450 facilities
  - 9 million square feet
- Leased Buildings
  - 250 facilities
  - 3 million square feet





## The Challenges—Energy Efficiency

- One energy staff member
- 40 county utility service providers
- Agency Merger (EDA/FM)
- Existing EE Program
- Declining Budgets (Economy)



## The Challenges—Existing EE Program





## The Challenges—Existing EE Program



## The Challenges—Existing EE Program



## The Challenges—Existing EE Program



## The Challenges—Existing EE Program



## The Challenges—Declining Budgets

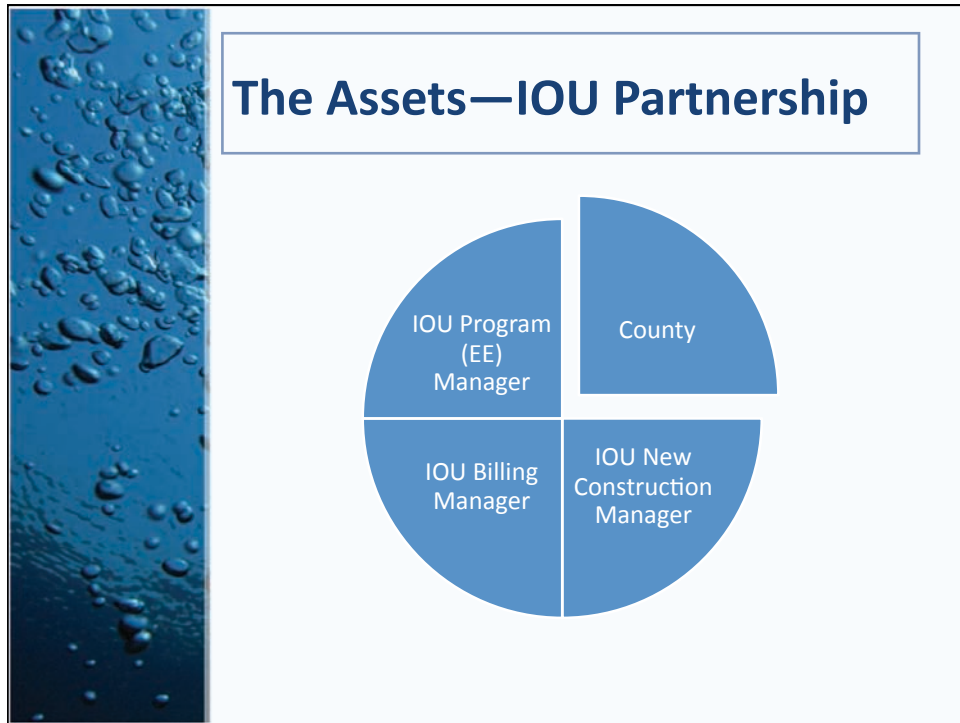
- Deferred Maintenance
  - EE projects
  - Deferred maintenance
  - Emergency deferred maintenance
  - ADA
  - UST

### Annual Budget

FY07-08	\$3,441,663
FY08-09	\$3,000,000
FY09-10	\$2,924,550
FY10-11	\$1,125,000
FY11-12	\$ 678,196

## The Assets

- Partnership with Southern California Edison & The Gas Company
- Capital Projects Program
- Fledgling Solar Program





## The Assets—Capital Projects

- **Savings By Design**

- 2007—3 facilities
- 2008—8 facilities
- 2009—12 facilities
- 2010—4 facilities

## The Assets—Capital Projects

**Palm Desert Sheriff  
Station**





## The Assets—Capital Projects

- **LEED-Gold**
- **34.5% > Title 24**
- **\$168,190 Incentive**
- **56 kW PV Solar System**

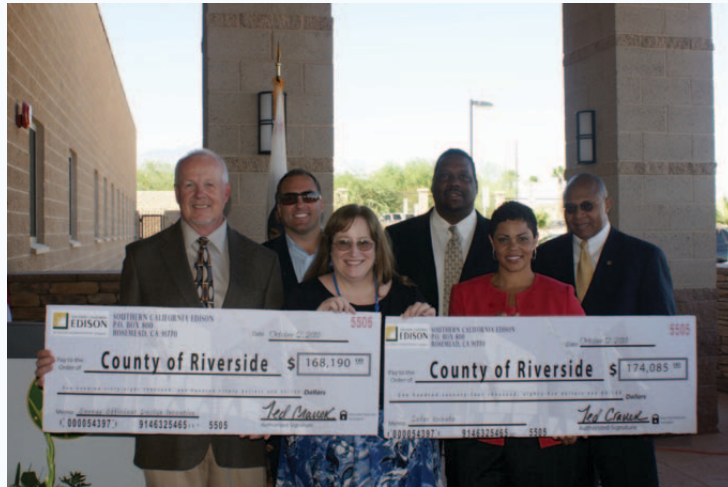


## The Assets—Solar Program

- PV primarily on new facilities
- Three solar retrofits through EECBG
- Two new systems in 2010
- Five new systems in 2011
- Five systems in design



## The Goal: Use Design & Solar Incentives to Fund Energy Efficiency



## The Process—Energy Conservation Fund

- Idea proposed to EDA Management
- Policy Draft
  - Modify existing Energy Policy (H-4)
- EDA Management negotiated with Executive Office
  - Interest-bearing account
  - EO gets interest
- Board Agenda August 10, 2010
  - **Approved** – without comment
- Fund established BEFORE the Palm Desert Sheriff Station checks arrived
  - First deposit--\$168,190



## The Policy—Features

- Defines types of rebates and incentives
- Identifies EDA as agency responsible for the rebate/incentive process
- Requires all rebate and incentive checks be deposited into the Energy Conservation Fund
- Identifies EDA as the agency responsible for identifying and selecting projects to be performed with the Fund



## The Policy—Exceptions

- If rebate/incentive must serve as matching or leveraged funds
- If rebate/incentive is needed to cover project costs
- If rebate/incentive reduces the direct purchase price of a piece of equipment
- If the rebate/incentive is needed to achieve a higher level of efficiency than it could without the rebate/incentive.





## The Policy—Sources of Funds

- New Construction Design Incentives (5 completed buildings; 4 pending)
- Monthly solar rebate from CSI program (for 5 years)
- One-time solar rebate from CSI
- Strategic Plan element incentive from SCE and the Gas Company for establishing fund



## The Policy—Results

- Current fund balance is:

**•\$211,352**

- Additional funds anticipated by December 2011:

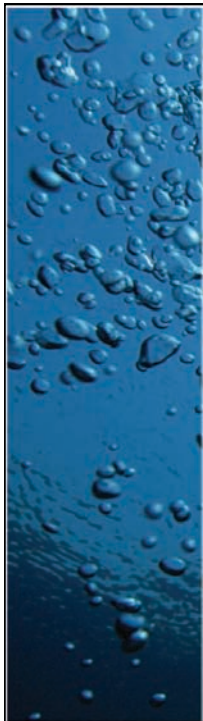
**•\$ 96,000**





## The Policy—Lessons Learned

- Carefully choose fund accounting string number for deposits
- Communicate regularly with Accounting about future checks that are expected
- Communicate plans for the funds as soon as possible
- Don't underestimate small beginnings**



**Every drop counts AND adds up!**

