The County

- 11th Largest US County in Population
  - 2,242,744

- 3rd Fastest Growing US County (2010 census)
  - 81,411 (added since 2000)

- 6th Largest US County in Land Mass
  - 7,303 square miles

- Cities in County
  - 27 (up from 24)
**The County--COGs**

Western Riverside Council of Governments  
(2,038 square miles)

Coachella Valley Association of Governments  
(2,427 square miles)

**Outside of COG Area**  
(2,839 square miles)

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**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

"It's a new design to save water."
The Challenges—Declining Budgets

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

<table>
<thead>
<tr>
<th>Annual Budget</th>
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<tbody>
<tr>
<td>FY07-08: $3,441,663</td>
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<tr>
<td>FY08-09: $3,000,000</td>
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<tr>
<td>FY09-10: $2,924,550</td>
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<td>FY10-11: $1,125,000</td>
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<td>FY11-12: $ 678,196</td>
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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

- 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!
ENERGY CONSERVATION FUND
Riverside County

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