



Riverside

California's first Emerald City

SC- RISE Summit Meeting
November 5, 2009

Background

- **Clean & Green Task Force**
- **Green Action Plan**
 - Green Accountability Committee
 - Subcommittees
- **38 Action Items**
 - 34 Done or on target
- **Department of Conservation**
 - Bottles and Cans



**GREEN RIVERSIDE
ACTION PLAN**

Becoming an Emerald City

- **Department of Conservation**
 - Charter City Recycling Program
 - Emerald City Pilot Program
 - Updated Action Plan 2009



Director Luther

Mayor Loveridge

“We chose Riverside because of extraordinary efforts in sustainable activities in many environmental areas, including renewable energy.”

- **Bridgett Luther, Director - Dept. of Conservation**

Stretching Green to Emerald

Riverside

- 33% renewables by 2020
- 7% below 1990 GHG levels
- 2% increase of waste diversion by 2008
- 15% water reduction by 2025
- Conserve 150 acres by 2009

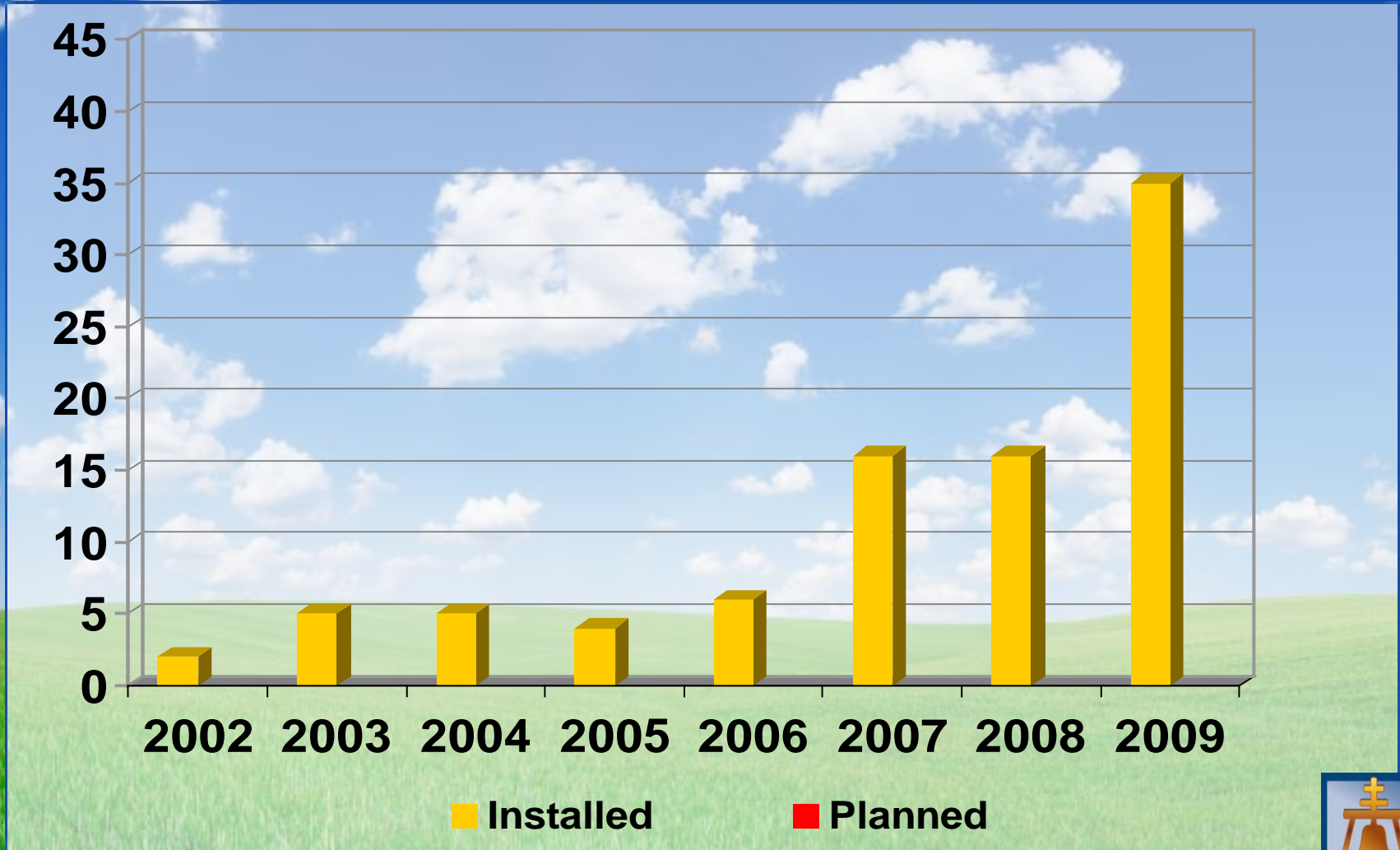
Emerald City

- 70% non GHG sources
- 15% below 1990 levels
- 75% diversion by 2020
- 20% water reduction by 2020
- Conserve all acreage in MSHCP (up to 240 acres)

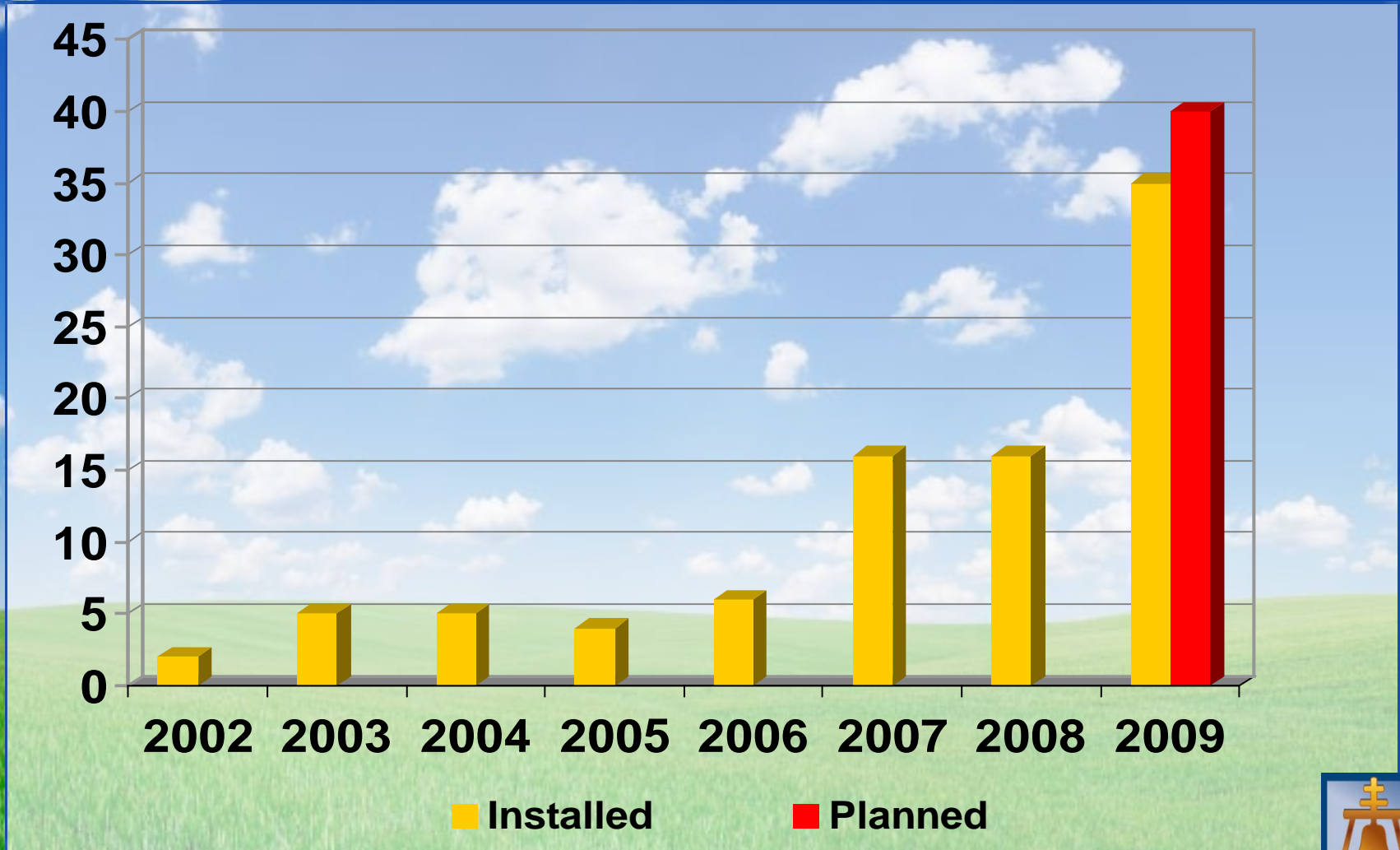
Energy

- **Goal 1:** Increase the use of GHG emitting energy by 2020 to 70% with at least 50% coming from renewable sources
 - Provide an annual update of the entire energy portfolio
 - 20 MW of regional non-emitting sources by 2020
- **Goal 2:** Promote Riverside as a Solar City by installing 20 MW of PV by 2020
- **Goal 3:** Reduce the City's base electrical load by 10% by 2012 and reduce the City's peak electrical load by 20% by 2020

Solar Installations (per year)



Solar Installations (per year)



Upcoming Solar

- **Autumn Ridge Solar Project Phase 2**
 - 70.8 kW Photovoltaic system
- **Tequesquite Landfill Solar Power Plant**
 - 1-10 MW of PV
- **Commercial Rooftop Solar**
 - 1 MW
 - Others

Moving Forward

■ Research, Demonstration, Training

- Collaboration opportunities
 - New technologies
 - Information
 - Data
- Consumer confidence
- Regional industry leader
- Green jobs
- Practical application
- Solar services
- Emerald City



UCR today

- **With the Southern California Research Initiative for Solar Energy (SC-RISE) Riverside Public Utilities increases it's support to:**

**Total research contribution
\$1.4 million**

Thank You

RiversidePublicUtilities.com

GreenRiverside.com

BlueRiverside.com

A California
emerald city
California Department of Conservation

