

City of Las Cruces[®]

PEOPLE HELPING PEOPLE

Sustainability Program

Annual Report

2013

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Leah Baca

Lisa LaRocque

Sustainability Office

Facilities Management Section

Public Works Department

Sustainability Action Plan

Plan Objectives

1. Increase Energy Efficiency
2. Accelerate Deployment of Renewable Energy
3. Ensure Sustainable Water Supply
4. Reduce & Recycle Solid Waste
5. Prevent Air & Water Pollution
6. Sustainable Development & Transportation
7. Conserve Habitat & Ecosystems
8. Support Local Food Networks

Strategic Plan - Sustainability

CLC Strategic Plan	SAP Objectives
Promote Renewable Infrastructure Development	2
Evaluate Solar Collectors as Charging Stations	2
Evaluate Solar Energy Opportunities	2
Trombe Wall Demonstration Project	2
Establish Pollution Prevention Measures	5
Green Infrastructure Initiatives/Codes	7
Support Foodshed Policy Initiatives	8

Leadership in Energy & Environmental Design Buildings

LC Convention Center
LEED Gold (2010)



CLC City Hall
LEED Silver (2010)

MVITT
LEED tbd (2013)

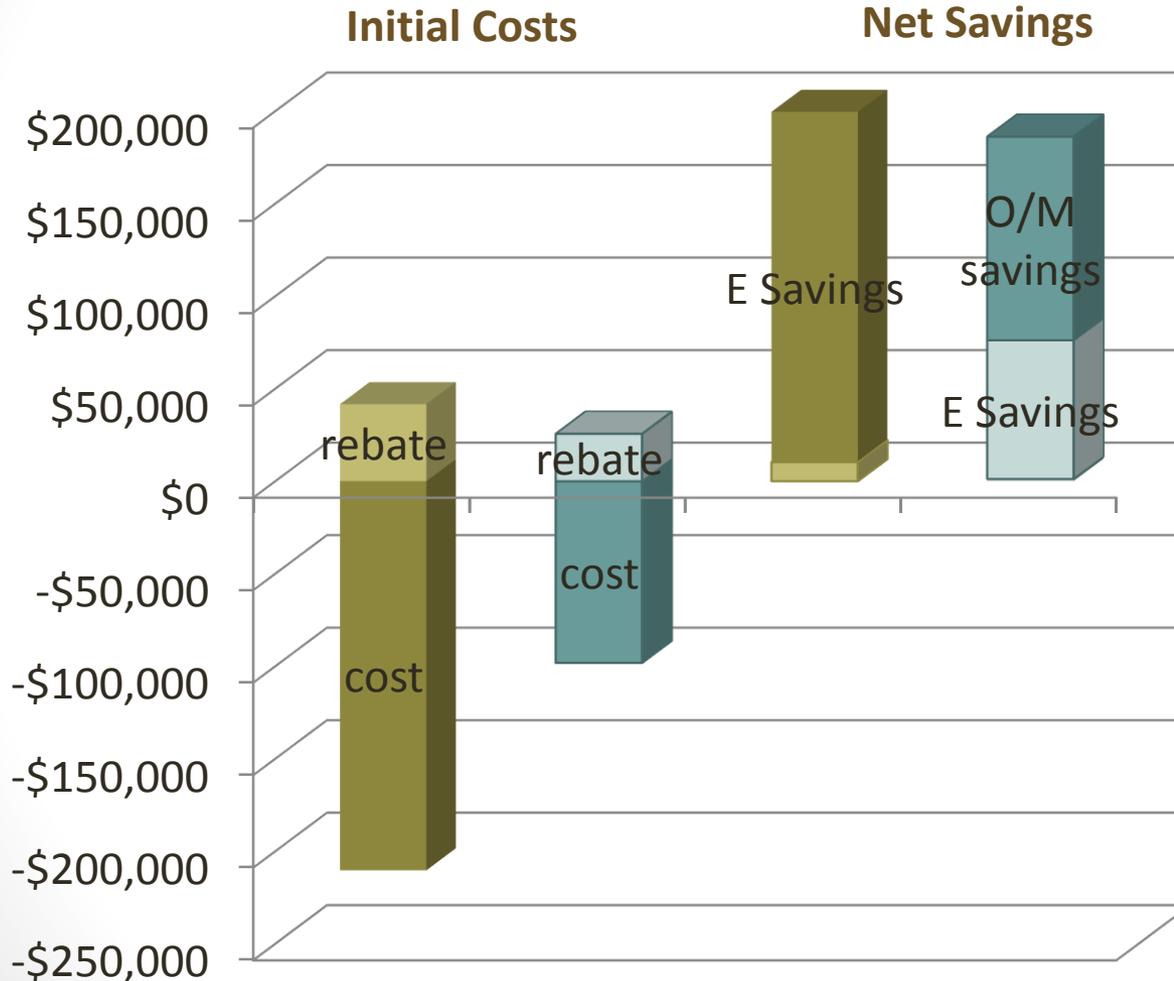


Fire Station #7
LEED tbd (2014)



Museum of Nature and Science
LEED tbd (2012)

1. Energy Efficiency



Indoor Lighting

Retrofits

- Branigan Library 10%↓
- Police Station 39%↓
- Fire station #1 14%↓
- Meerscheidt Recreation Ctr 20%↓
- Munson Ctr 10%↓
- Joint Utilities Building 23%↓
- JH Waste Water Treatment Plant 8%↓

Street Lighting

Retrofits

- Triviz 33%↓
- Downtown 44%↓
- University 74%↓

2. Renewable Energy



2011 Convention Center
71.8 kW (DC)

20-25%

40-50% 2012 Museum of Nature
and Science 23.04 kW (DC)



Positive Energy, Inc.



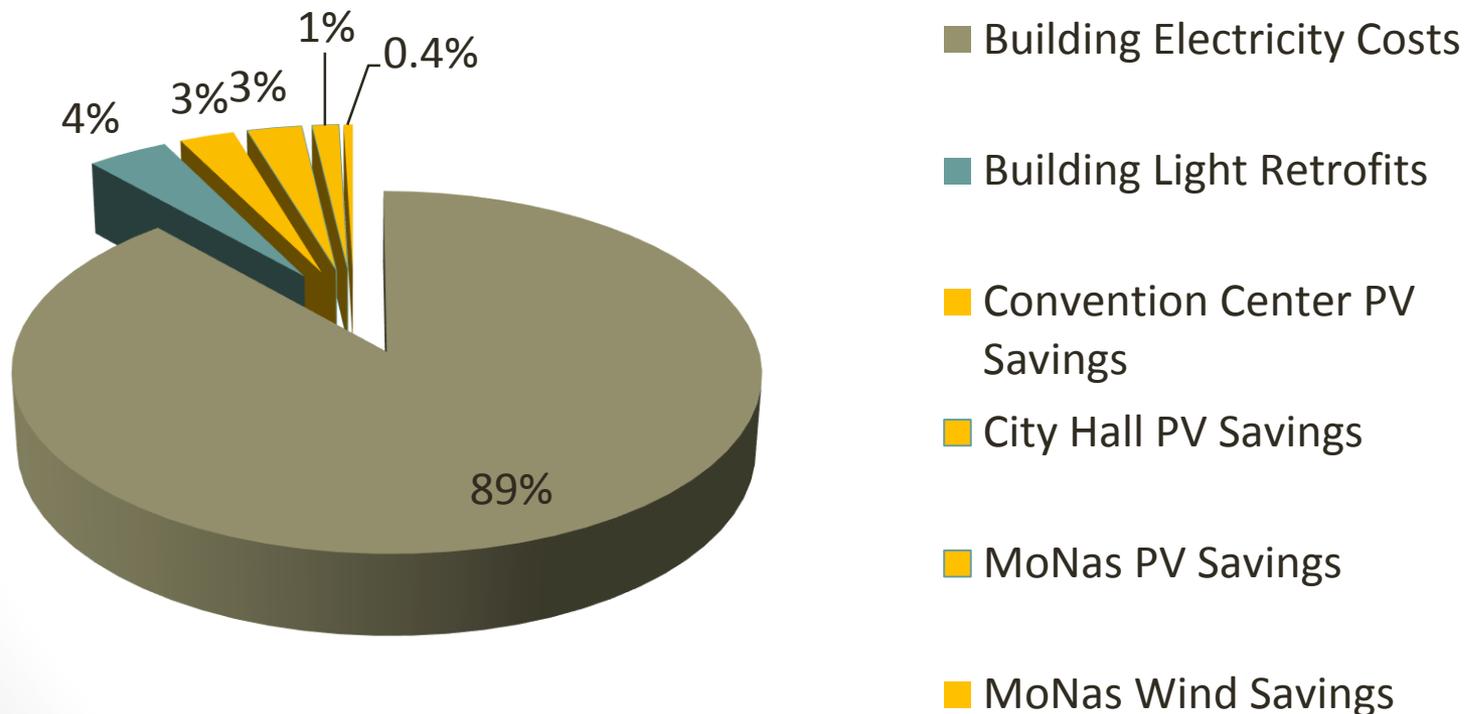
2013 City Hall
Parking Deck 105 kW (DC)

10-12%
of building's energy is
from renewable sources

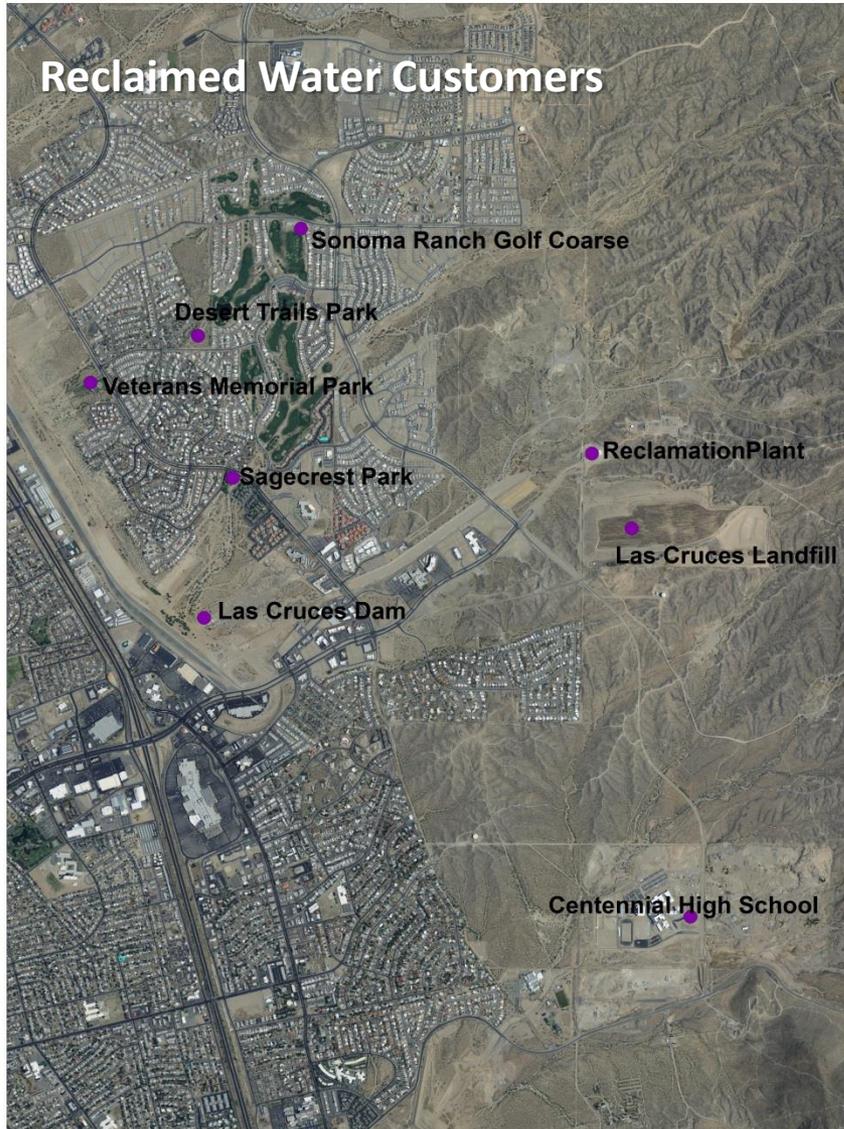
CLC Renewables and Retrofits Savings

11 % = \$100,000 annually

Building Electricity Operational Budget



3. Ensure Water Supply



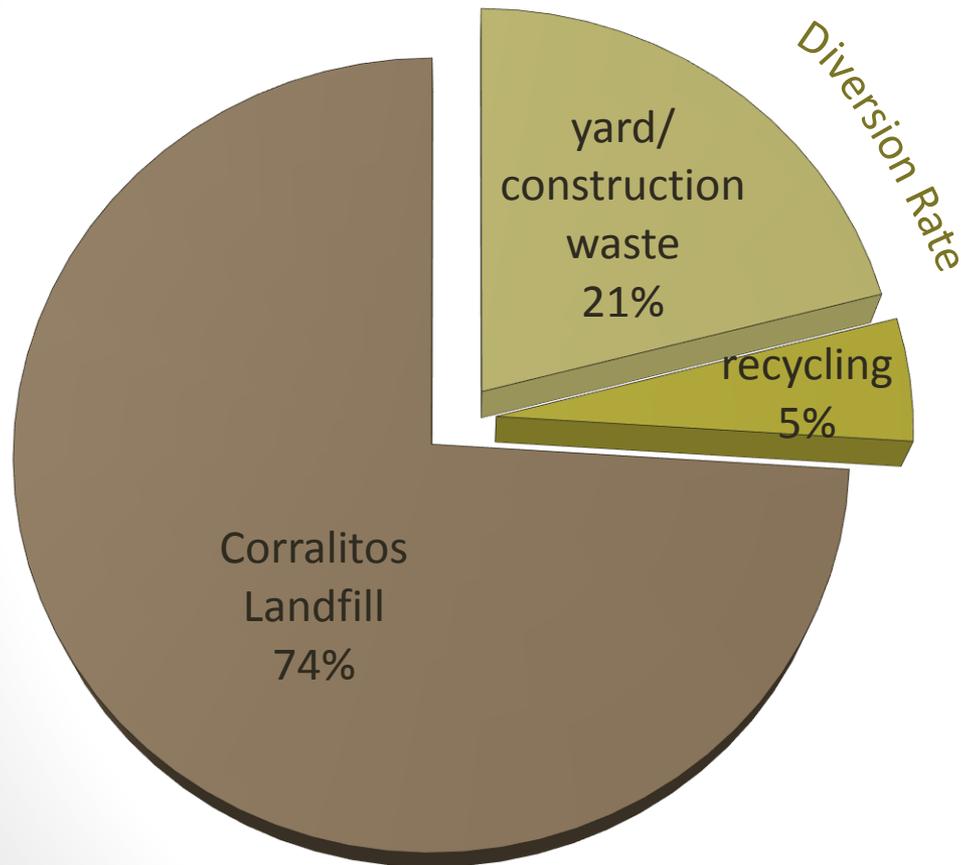
Designed by David Viarreal



Water Festival:
Teaching Conservation

Suzanne Michaels Communications

4. Reduce & Recycle Solid Waste



In 2013:



CLC recycled 72 tons



Libby visits 14 schools



KLCB picked up 42 tons of litter

5. Pollution Prevention

Special storm water equipment help with inspections, mapping and data management.



The “crawler”

6. Land Use....

Downtown Charrette



Flushed curbs allow stormwater to supplement irrigation of vegetation.

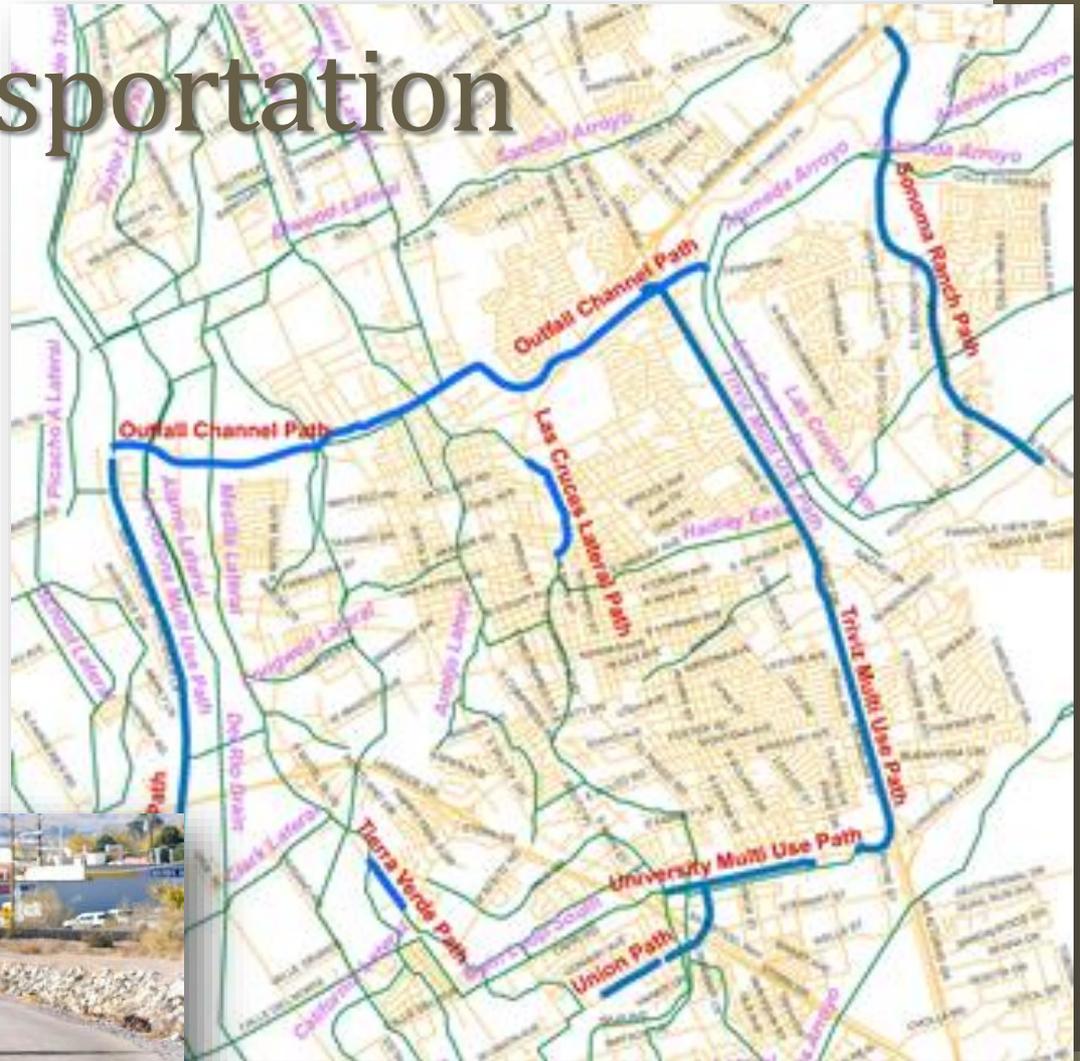


6. and Transportation



Diana Alba Soular, Sun News

Mesilla Valley Intermodal Transit Terminal



Multi- use Loop

Outfall channel path



Steve Ramirez, Sun News

7. Habitats and Ecosystems



Groundwork Dona Ana,
Las Cruces Tree Stewards and
Weed and Seed Program
Volunteers



Las Cruces Dam
wetland restoration
project



8. Support Food Networks



Munson Center Community Garden

Las Cruces School Gardens
Mini-grant recipients



SNAP Program
at Farmer's Market

Next Steps

1. Work with staff to develop Sustainability Action Plan 2014-2017
 2. Ensure SAP2 supports the City's Strategic Plan
 3. Present draft SAP2 to City Council for input and consensus
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