

Water/Energy Conservation

(for the County Commission of the Environment and the
County Water Advisory Commission)

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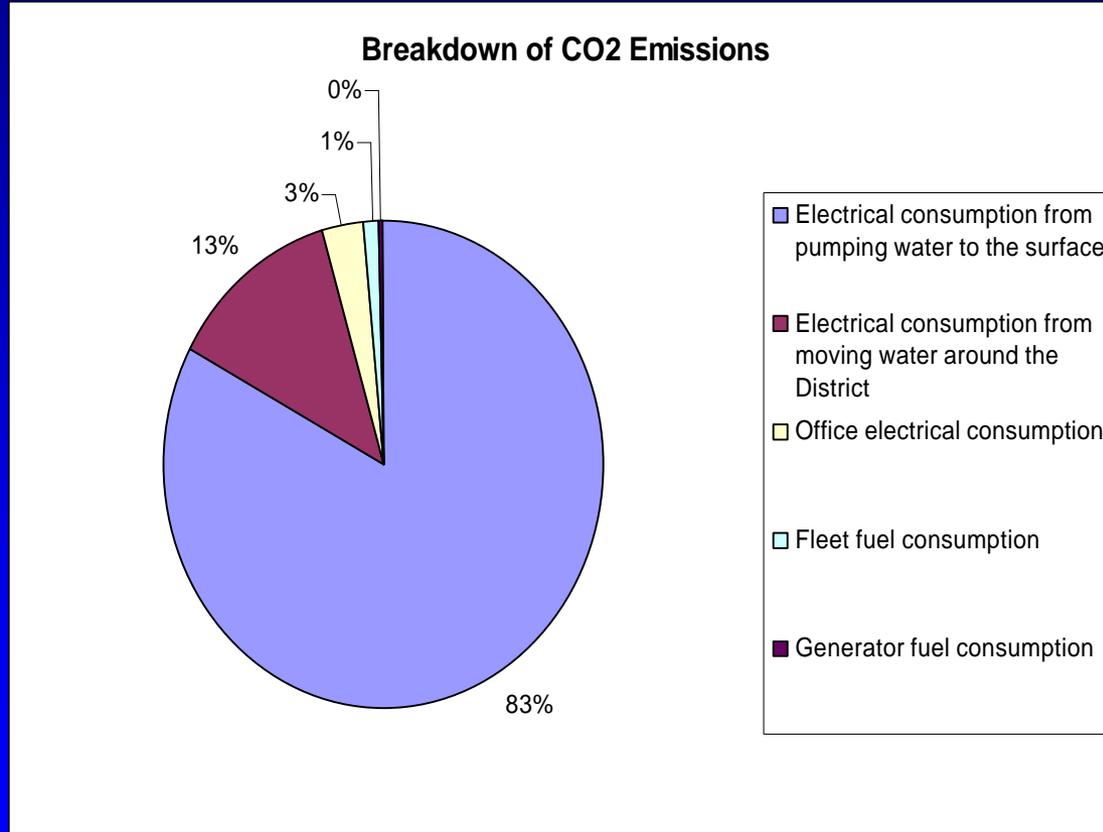
Soquel Creek Water District Santa Cruz County

in

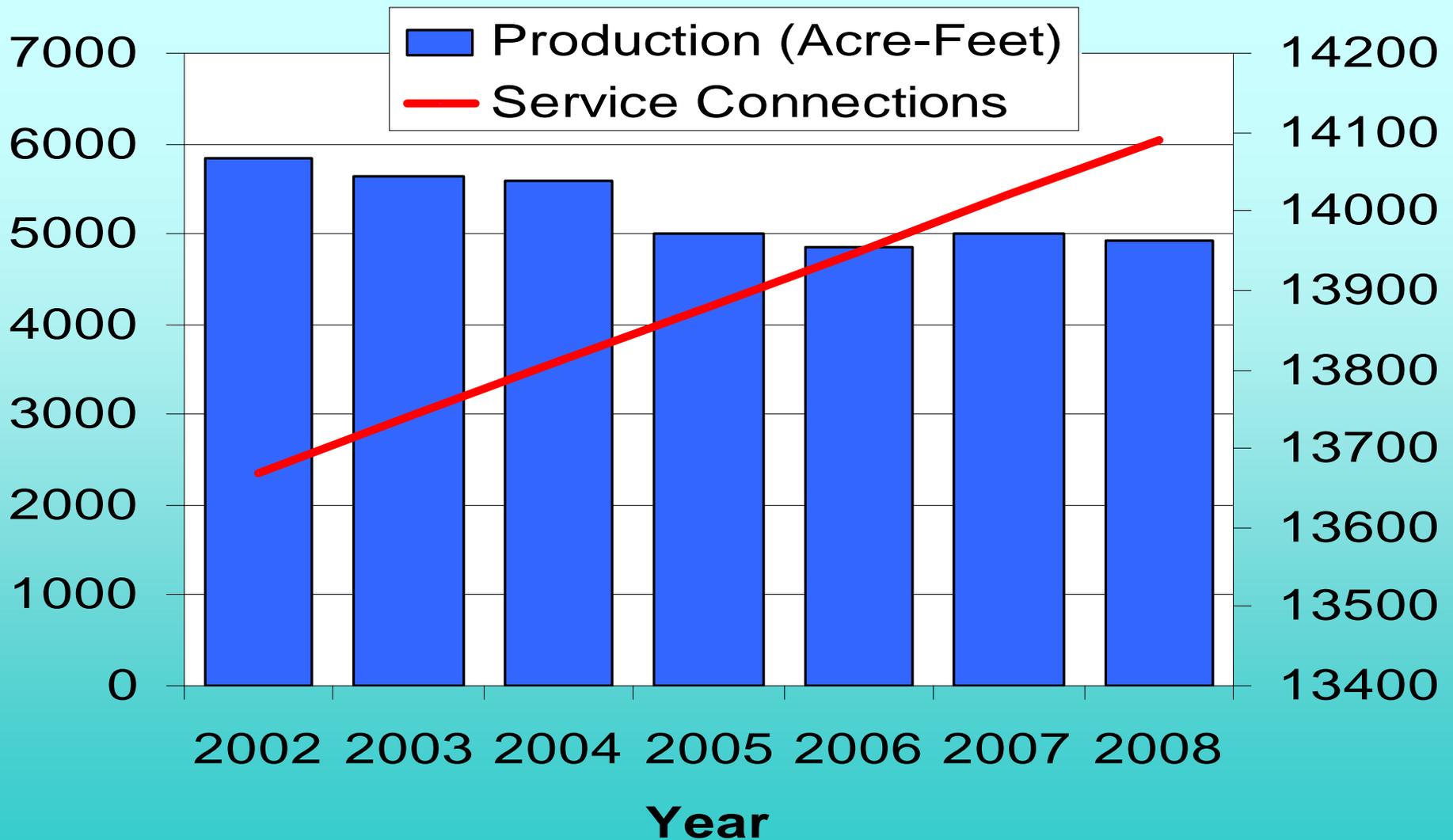


District CO2 Emission Percentage

(total approx. 2 million lbs of CO2/yr)



Increased Connections Decreased Consumption



Statewide Energy Water Nexus

- 19% - electrical energy use for water
- 30% of natural gas use for water

What Matters Most for Minimizing CO₂ as Related to Water

- Customers using less water.
- Customers using less hot water.

Water Efficient Technology



Water Demand Offset

Retrofit several units for zero impact



New single-family dwelling

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Existing single-family dwellings



Green Building Option

Offsetting Energy Demand: Potential

Potential Energy/Carbon Offset Projects within City/District Boundaries:



Home/business solar PV &/or water heater rebate program

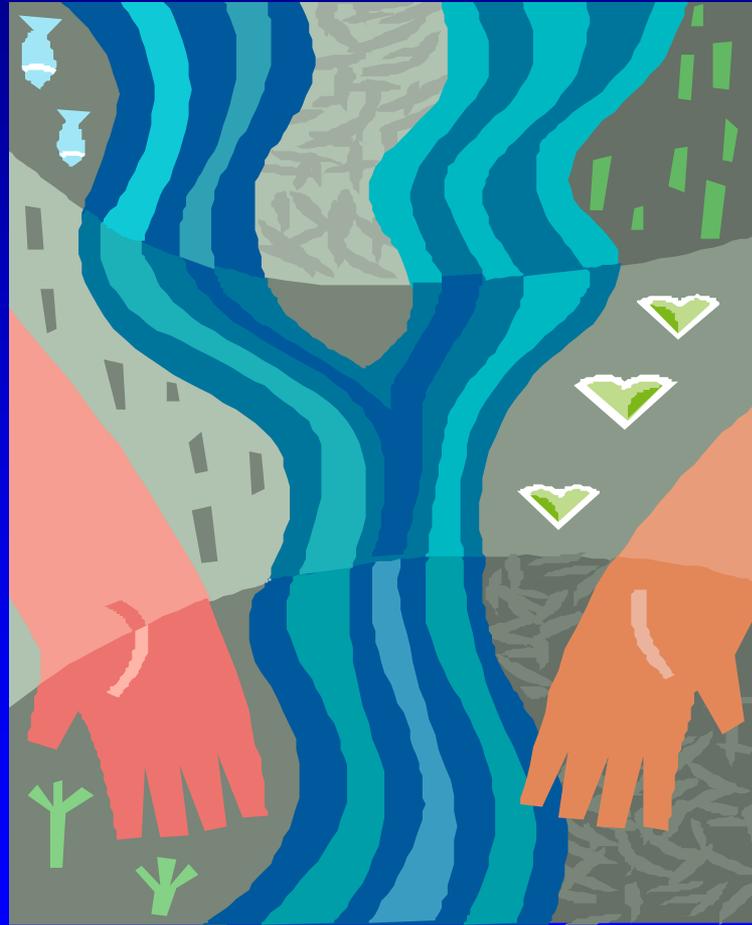
In Brief



Solar-powered desalination plant leads the way



Thank you



Questions?

