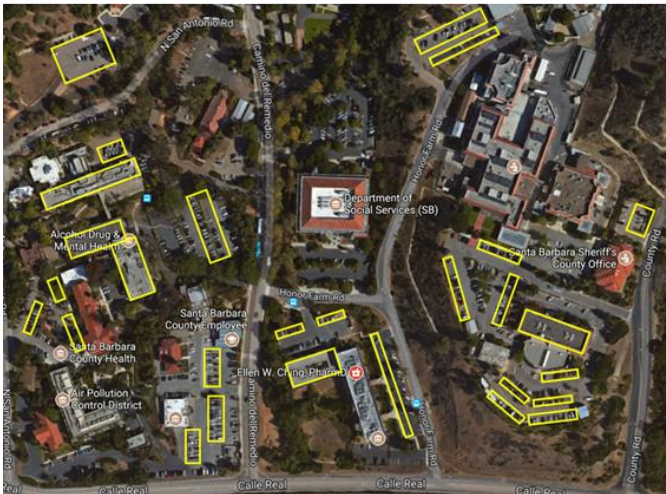
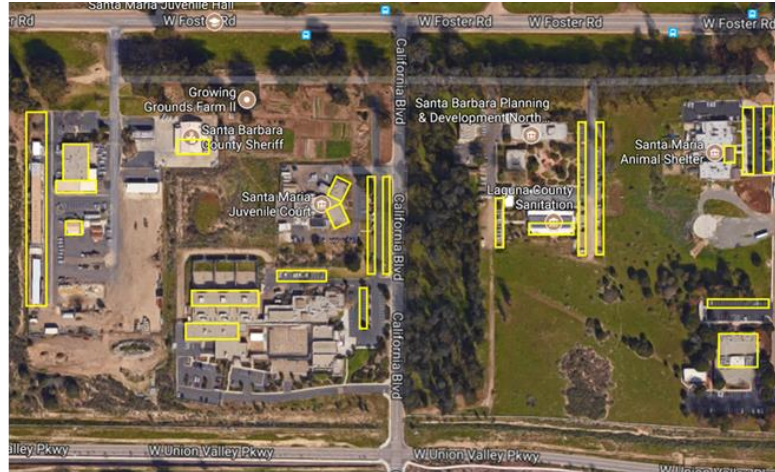


Santa Barbara County

Future Renewable Energy Systems

For County Owned Facilities



Background



County Energy Policies Enacted to Date

- Benchmarking Policy - County Board adopted April 2, 2013
- Energy Action Plan - County Board adopted April 2, 2013
- Utility Manager System - County Board presented April 2, 2013
- Zero Net Energy Resolution - County Board adopted March 4, 2014
- Commissioning Policy - County Board adopted January 20, 2015
- Energy Efficiency Standards Policy-County Board adopted August 30, 2016



Benefits of Renewable Systems

- Reduced monthly electric and gas bills.
- Rebates to subsidize the system cost.
- Installation of renewable energy systems creates local jobs.
- Reliable – solar systems can last for over 25 years.
- Uses little to no water in the production of zero-emission electricity.
- Solar costs predictable and equal to or below retail energy rates.
- Positive environmental effects.

County Campuses Being Considered for Renewable Energy

- Downtown Santa Barbara
- Emergency Operations Center and Upper Calle Real
- Lower Calle Real
- Betteravia Center
- Sheriff Lompoc Station
- Foster Road Complex

Renewable Energy Project Phases



1. Identify potential locations.
2. Receive direction from Board to solicit proposals for potential projects.
3. Evaluate responses and present recommended projects with financial options.
4. Board approves viable projects and construction begins.

Renewable Energy Funding



- All renewable projects must pay for themselves by offsetting utility bills.
- Financing options will be presented to the DAC.
- Take advantage of any utility rebates available.

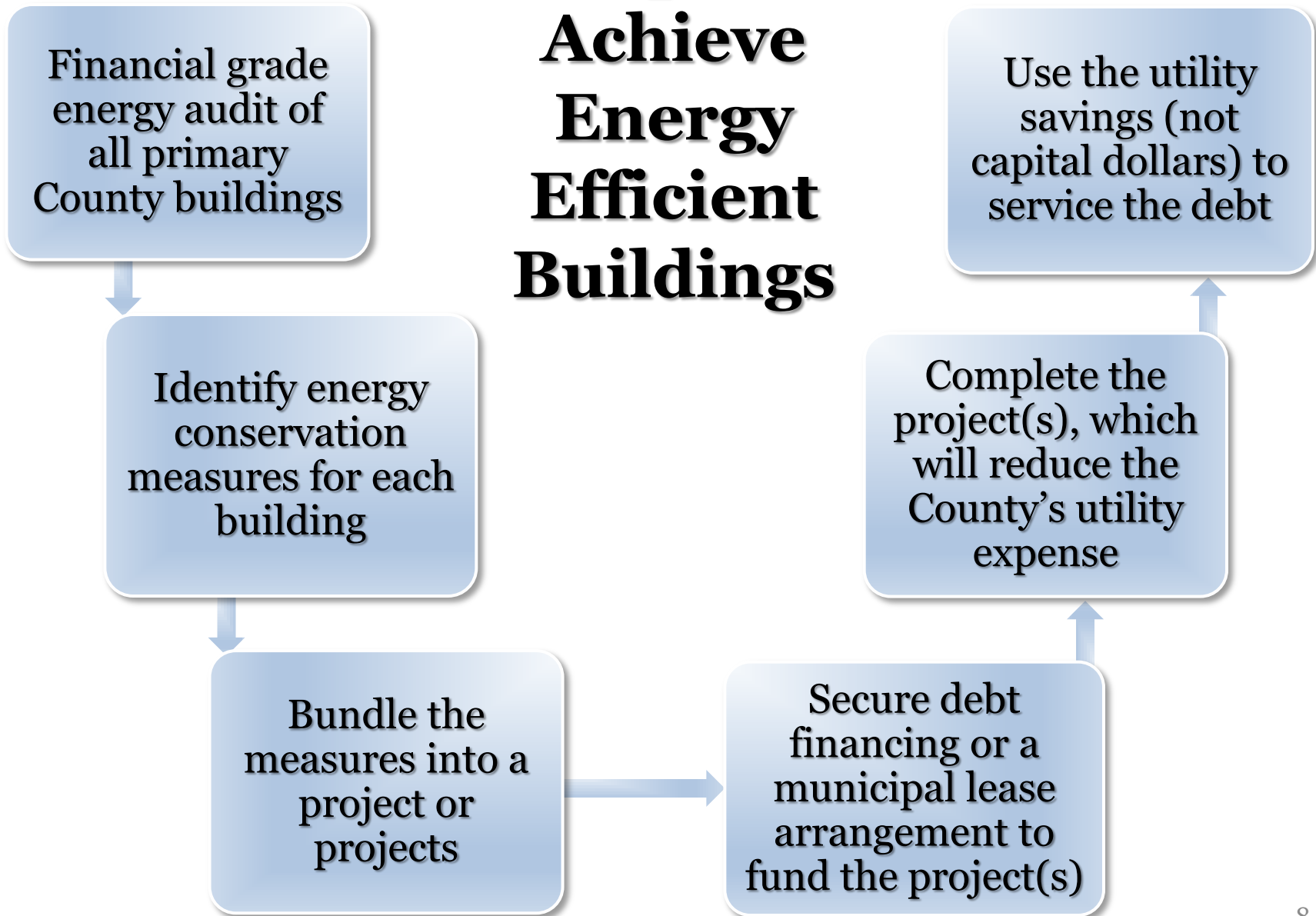


Energy Upgrades for County Buildings go Hand in Hand with Solar

Smart Use of Renewables

- Ensure buildings are energy efficient in conjunction with adding renewable energy.
- Most efficient and economical use of solar or other renewables.
- Doesn't make sense to add solar to an inefficient building.

Steps to Achieve Energy Efficient Buildings





Recommended Actions

- a) Receive and file the Santa Barbara County 2017 Future Renewable Energy Report;
- b) Authorize the General Services Department to solicit proposals for future renewable energy systems on County owned facilities; and
- c) Determine that the proposed actions are not a “project” as defined by the California Environmental Quality Act (CEQA) Guidelines Section 15378(b) (5), as it is an administrative activity that will not result in direct or indirect changes in the environment.