





# CHS - Pursue Maximum Energy Efficiency

CHS Low Cost Infrastructure Improvements

- Replacement of 70's era VAV Boxes
- Insulation and exterior sealing
- Load shedding thru BAS controls
- Total cost of \$281K
- Resulted in increased comfort levels, reduced complaints and cut energy consumption by 20%
- Drop in peak energy usage qualifies for billing at lower rate
- And then...



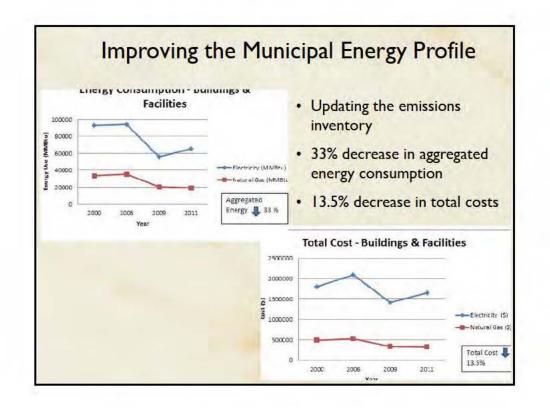
## CHS - Integrate Renewable Energy Strategies

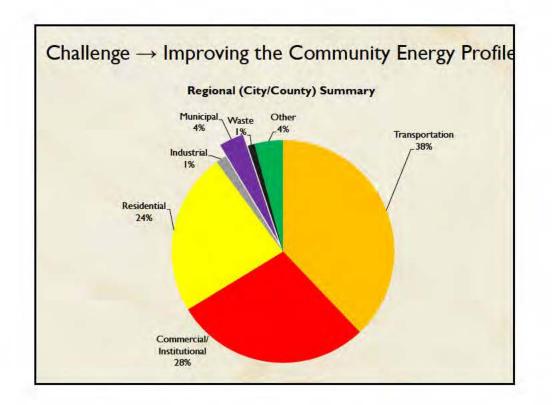


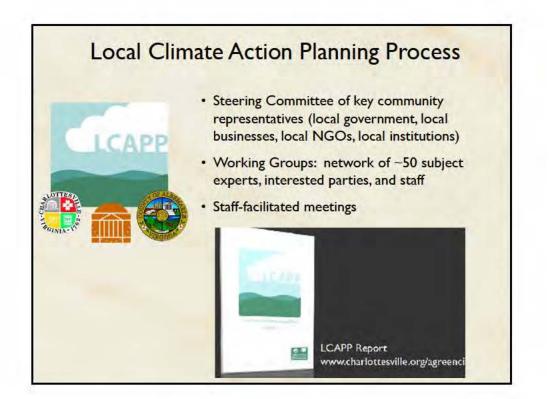
- I08 kW PV system
- In-house install; staff recently certified and trained; positioned for future expansion of muni solar projects
- Educational curriculum and displays











### LOCAL GOVERNMENT

David Brown, City Council Ann Mallek, Board of Supervisors Mike Osteen, Charlottesville Planning Commission Tom Frederick, Rivanna Water and Sewer and Solid Waste Authorities

#### LOCAL NGOs

Bill Edgerton The Oak Hill Fund John Cruickshank Sierra Club, Piedmont Group Bill Greenleaf Richmond Regional Energy Alliance Cynthia Adams LEAP

#### LOCAL BUSINESSES

Chris Lee, Piedmont Virginia Companies, Inc. Jay Willer, formerly with Blue Ridge Home Builders Association Tim Hulbert, Chamber of Commerce

#### LOCAL INSTITUTIONS

Hank Shugart, University of Virginia, Department of Environmental Sciences David Neuman, University of Virginia, Office of the Architect Buck Kline, Virginia Department of Forestry



