

Climate Protection Planning in Carrboro

Randy Dodd, Town of Carrboro Environmental Planner

Solarize

Rob Pinder, Next Climate, Inc.

Passive and Active Solar Energy Opportunities for Your Home, featuring an Interactive 3-D Model, *David Clinton, Architect, Principal at Szostak Design Inc and Planning Board Member*

Energy Conservation, *John Hines, Marketing Representative of Piedmont Electric Membership Corporation*

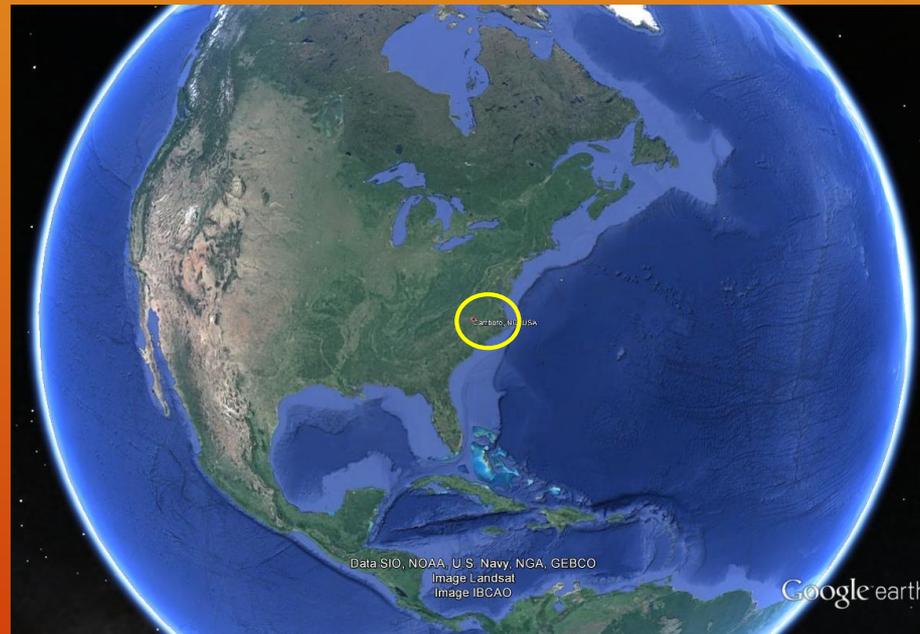
Base Hits, Strike Outs, and Home Runs: Twenty Renewable Energy Businesses I Have Loved, *Lyle Estill, V.P. of Stuff for Piedmont Biofuels and Serial Entrepreneur*

Interactive Discussion

Welcome.....

- National Planning Month
- 3rd Annual Forum Series
- Thanks to.....
- Housekeeping....

Climate Protection Planning In Carrboro



Evaluating the 2009 Carbon Footprint of Carrboro, NC

Baseline Greenhouse Gas Emissions & Recommendations



Produced by the Spring 2011
Sustainable Triangle Field Site:

Melissa Auton

Vanessa Fixmer-Oraiz

Holly Kuestner

Lauren Mendel

Matthew Scruggs

Brian VanderJeugd

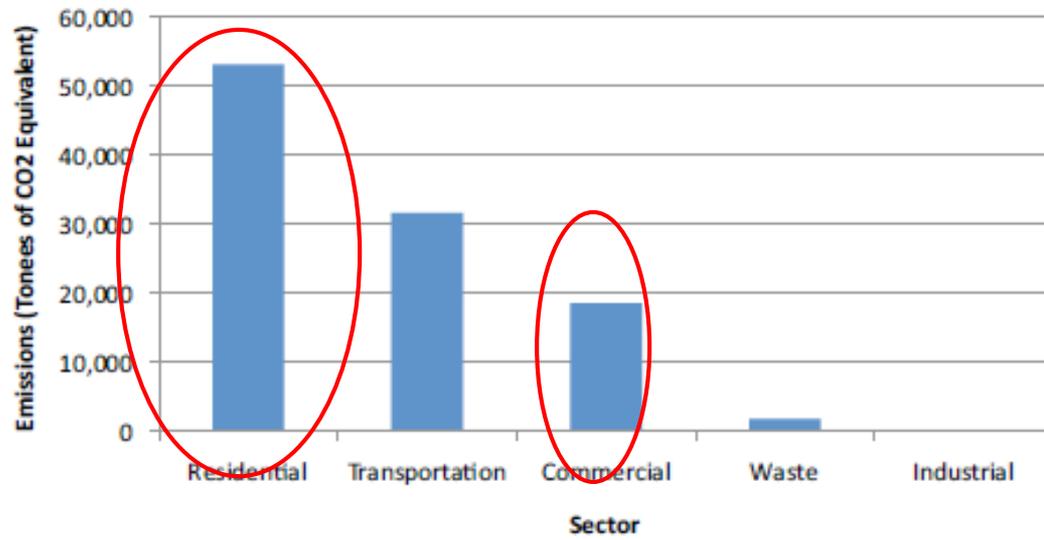
Jayce Walker

Maddy Young

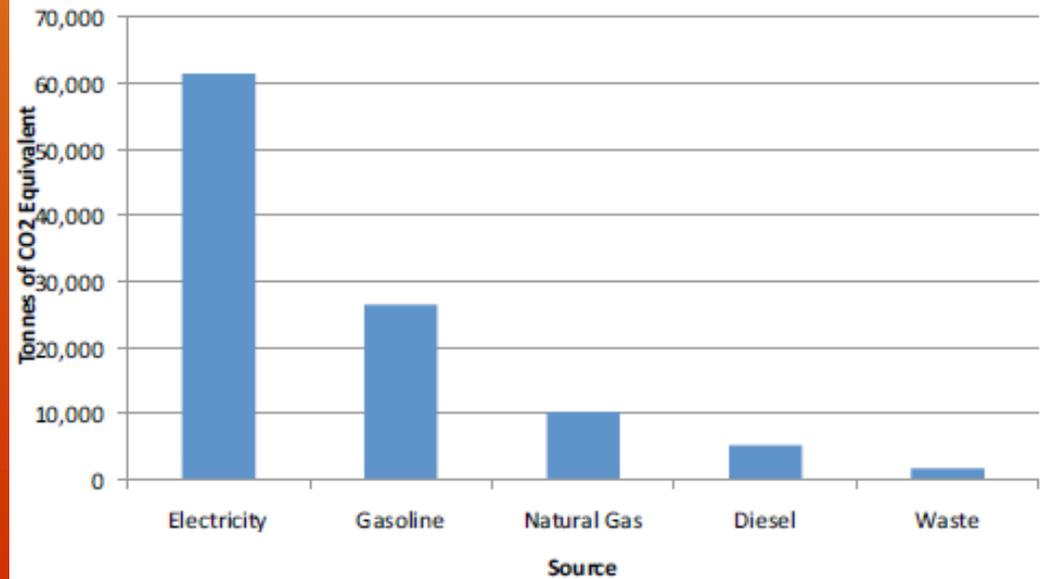
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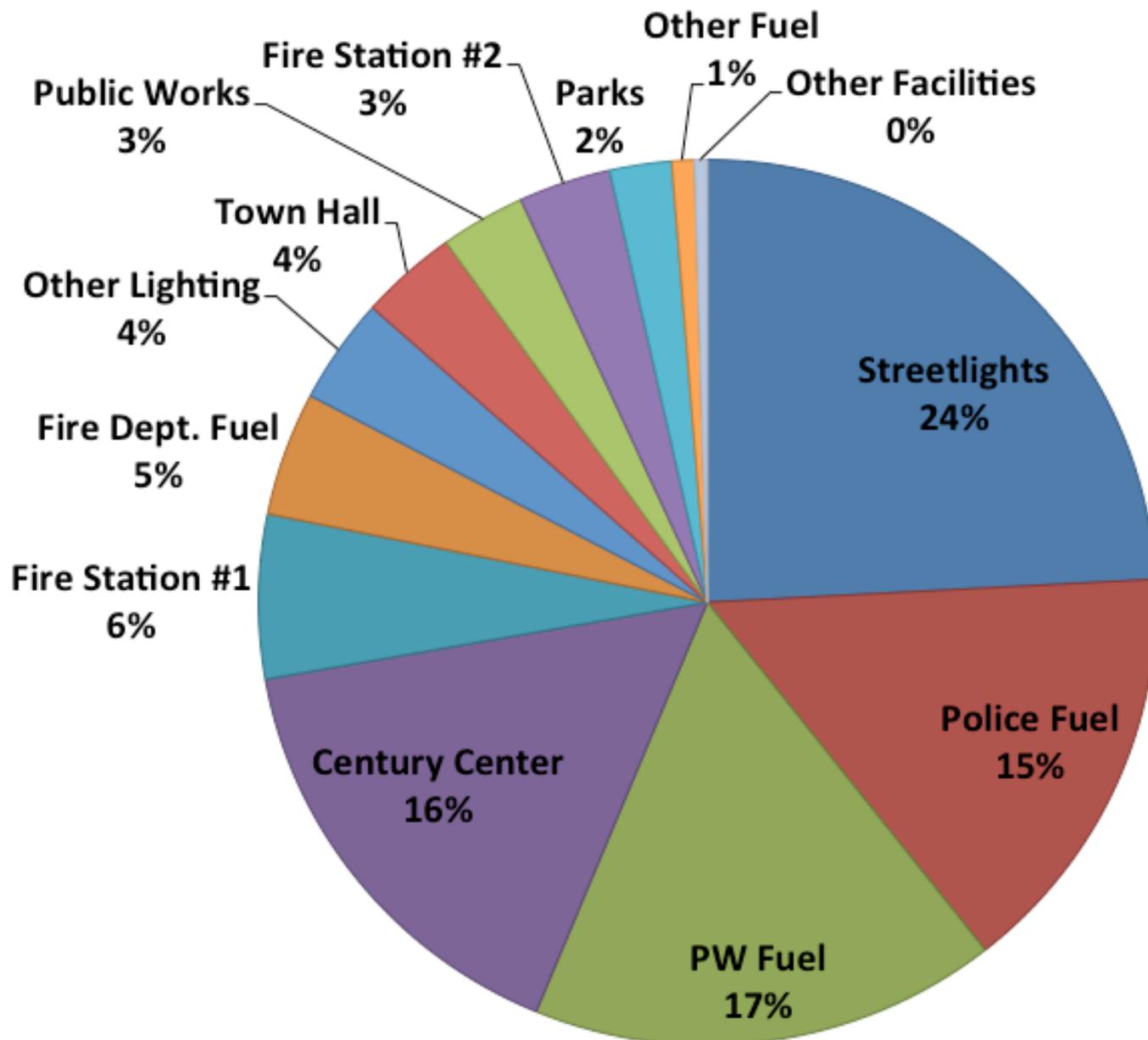
Community Emissions by Sector



Community Emissions by Source



Town of Carrboro Municipal Carbon Dioxide Emissions by Source (2013)



Energy and Climate Protection Plan

- Incremental step
 - 1-2 year planning horizon
 - Municipal focus
- 5-10% municipal energy use/emissions reduction

TOWN OF CARRBORO
NORTH CAROLINA

ENERGY AND CLIMATE PROTECTION PLAN

March 20, 2014

BOARD OF ALDERMEN

LYDIA LAVELLE, MAYOR
JACQUELYN GIST, ALDERMAN
RANDEE HAVEN-O'DONNELL, ALDERMAN
SAMMY SLADE, ALDERMAN
MICHELLE JOHNSON, ALDERMAN
DAMON SEILS, ALDERMAN

TOWN MANAGER

DAVID ANDREWS

DEPARTMENT HEADS

ANITA JONES-McNAIR, RECREATION & PARKS
ANNETTE STONE, ECONOMIC AND COMMUNITY DEVELOPMENT
CAROL DORSEY, HUMAN RESOURCES
CATHY WILSON, TOWN CLERK
GEORGE SEIZ, PUBLIC WORKS
PATRICIA MCGUIRE, PLANNING
TRAVIS CRABTREE, FIRE AND RESCUE
WALTER HORTON, POLICE

Draft Energy and Climate Protection Plan circle pieces for each forum

Municipal

- Outdoor lights
- Assessments
- Facilities
- Fleet
- Measurement/reporting
- Urban forest

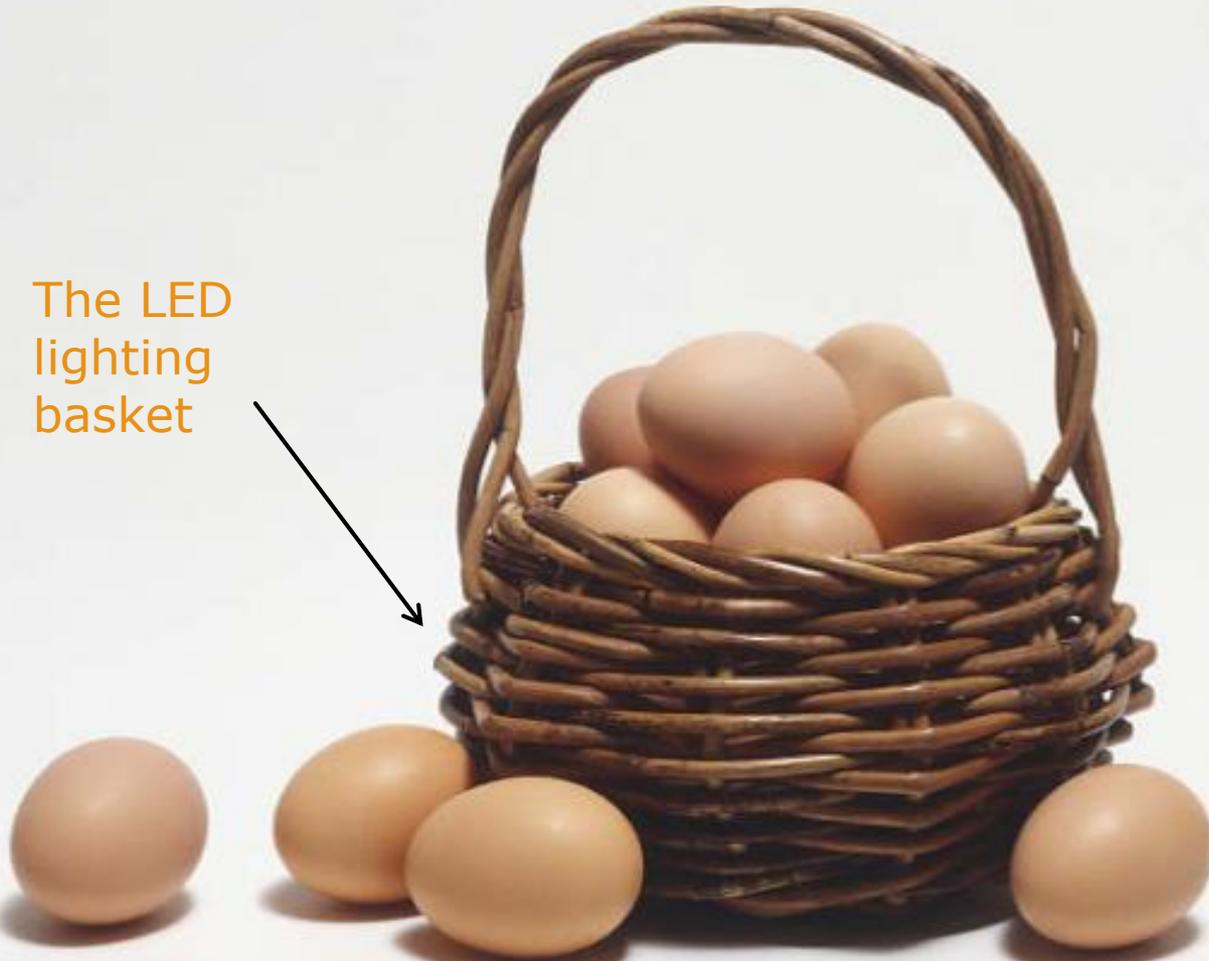
Community

- Transportation
- Buildings
- Renewable energy
- Urban forest
- Vulnerability and adaptation

Appendices

- Inventory
- Town building projects
- Urban forest
- Climate protection science
- Global planning

The LED
lighting
basket





Many other partners....



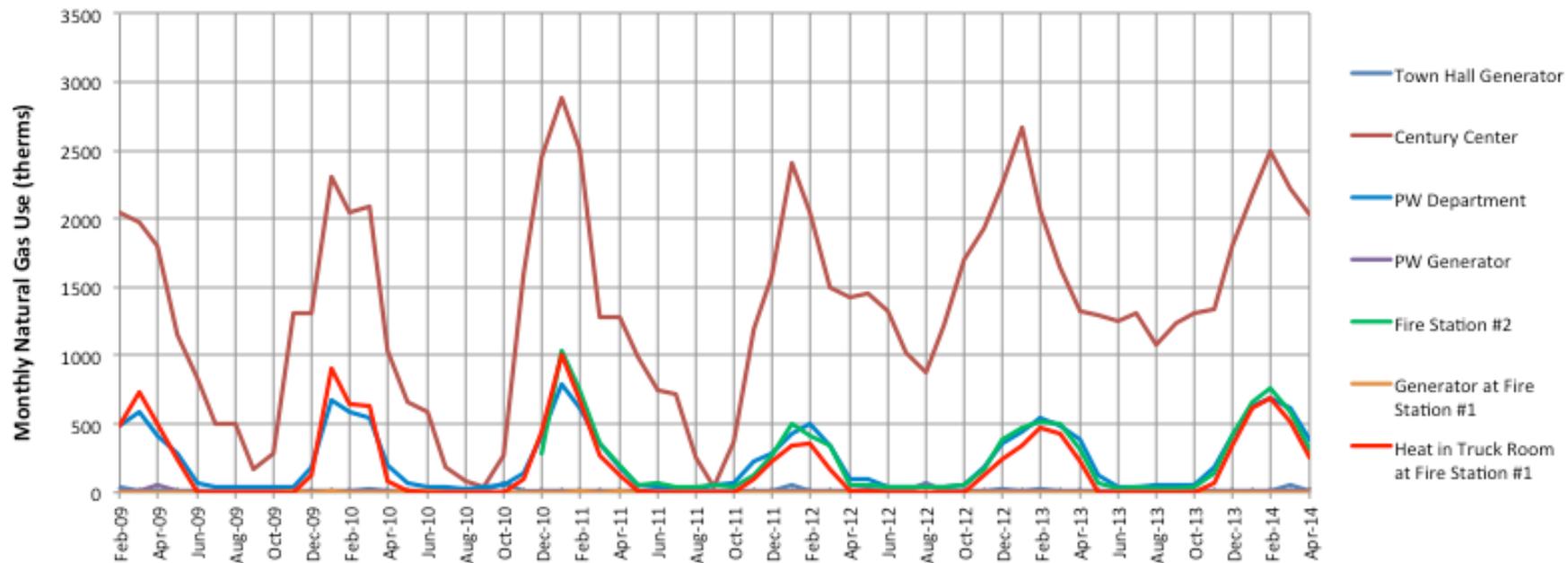
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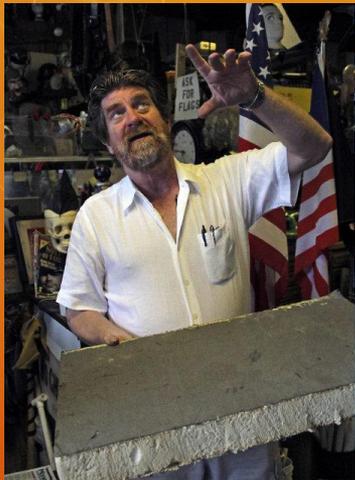






Total Town of Carrboro Natural Gas Use by Account, 2/09 - 4/14





Carrboro Neighborhoods

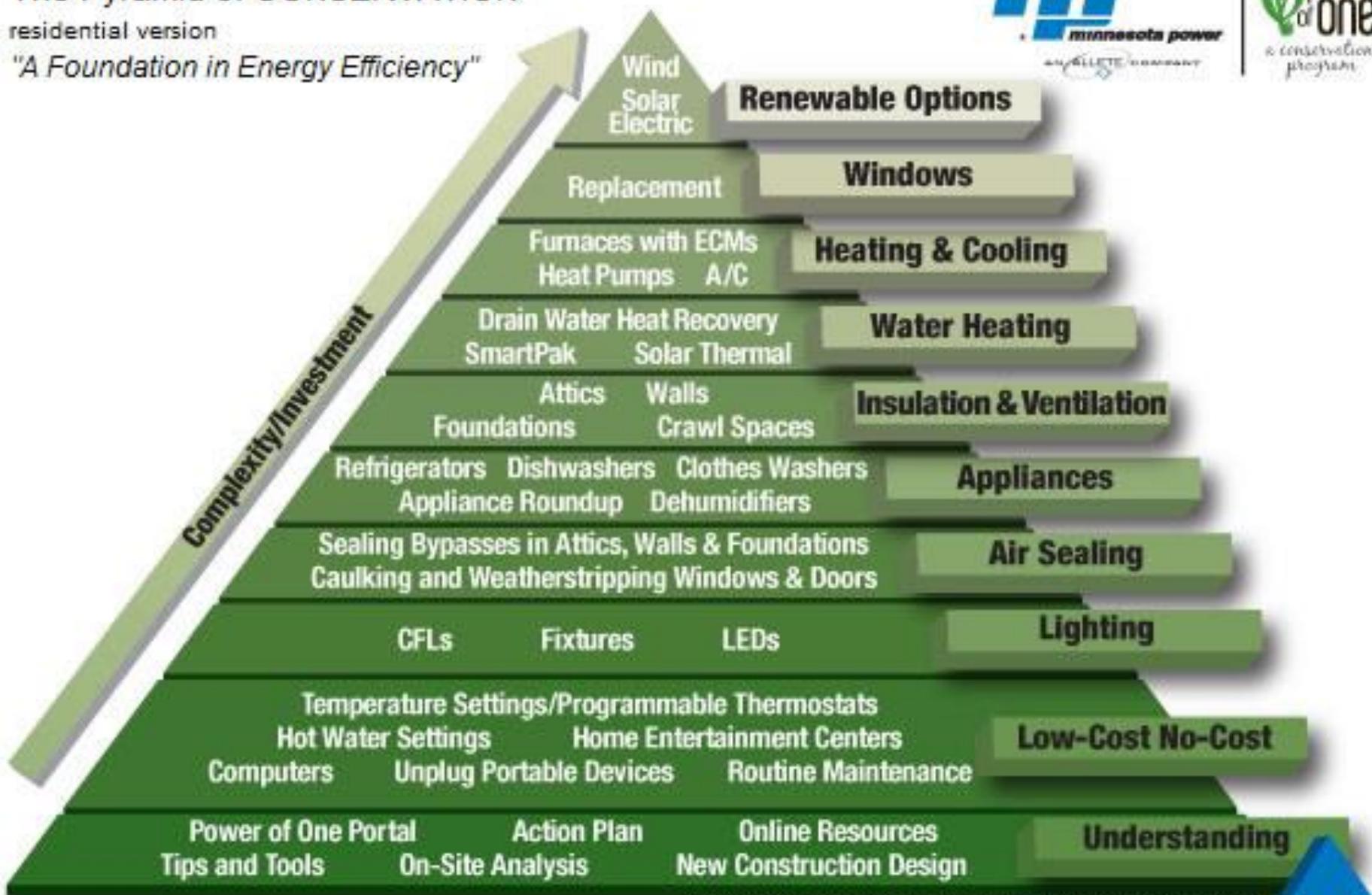
- Fox Meadow
- Glosson Circle/Alabama Avenue
- Highlands
- Lake Hogan Farms
- Lloyd Street/Broad Street
- Rogers Road



The Pyramid of CONSERVATION

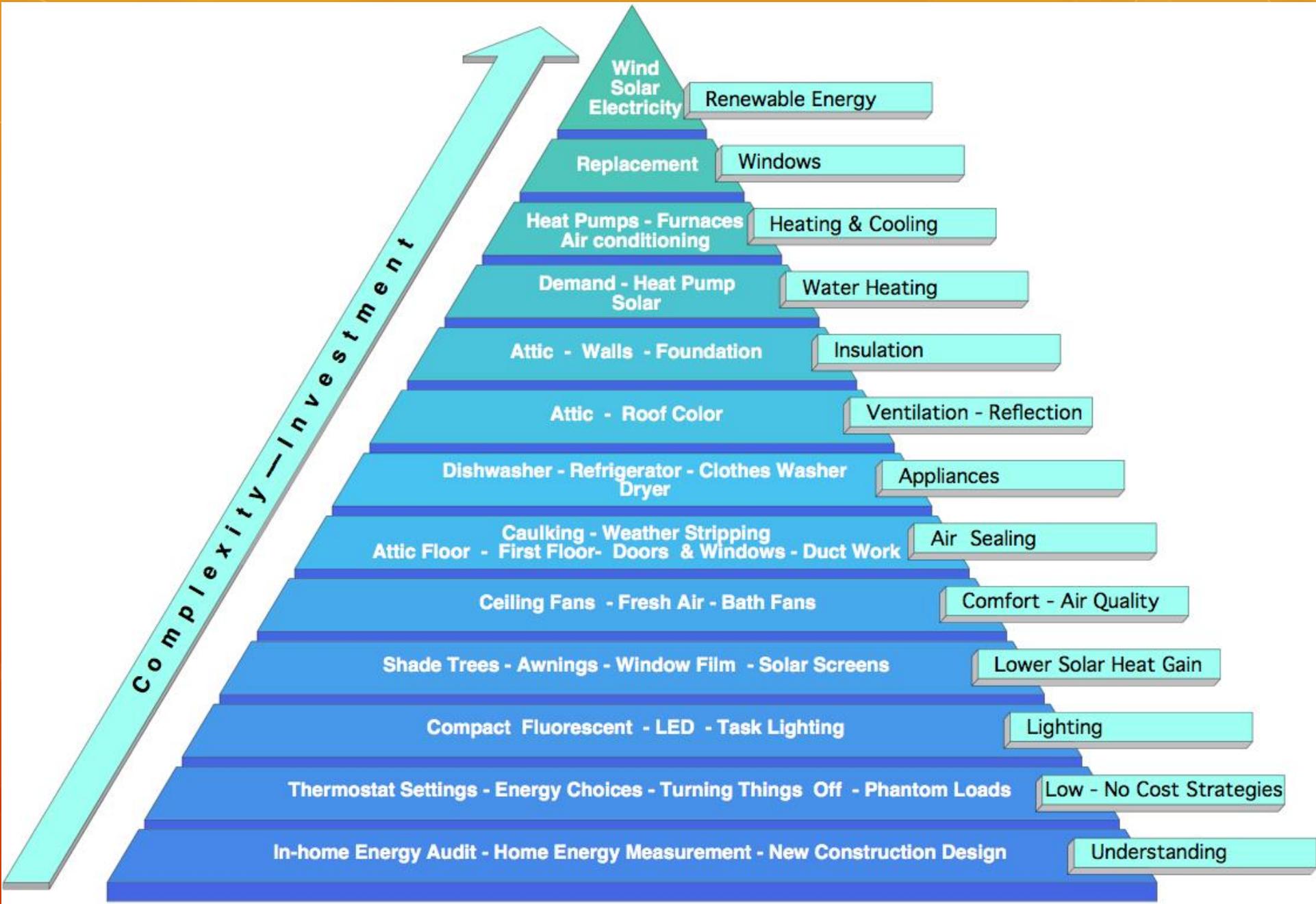
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"A Foundation in Energy Efficiency"



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Where do I Begin?





Going Forward.....

- Surveys
- Task Force
- Capstone Team

Thank You!