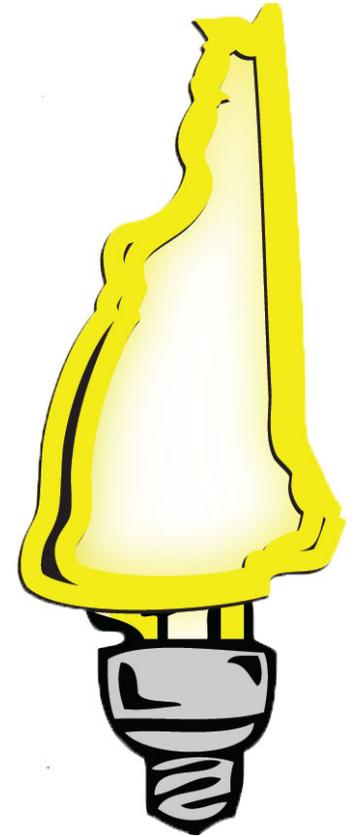




Energy Technical Assistance & Planning for New Hampshire Communities: Year One Update

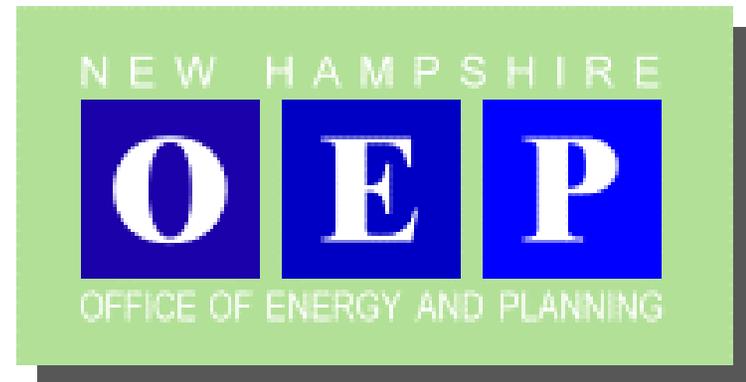
Eric Halter, CLF Ventures





What is the program?

Energy Technical Assistance & Planning for New Hampshire Communities (ETAP) is a two year, federally funded program developed by the NH Office of Energy and Planning under the Energy Efficiency Conservation Block Grant (EECBG) Program





ETAP Goals

- ▶ Advance the level of energy efficiency for all New Hampshire municipalities and provide the tools needed to monitor energy performance
- ▶ Provide energy efficiency technical assistance at no cost to municipalities and counties in New Hampshire



Who is on the team?



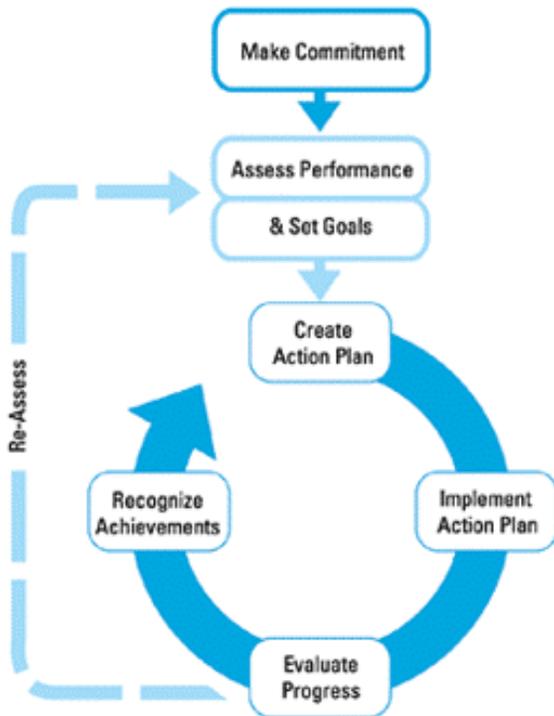
CLEAN
AIR



COOL[®]
PLANET



How does ETAP work?



- ▶ Conduct energy inventories of municipal buildings
- ▶ Find out what community needs and priorities are regarding energy efficiency
- ▶ Provide technical assistance to municipalities based on those needs and priorities



Technical Assistance Available

- ▶ Energy Inventories
- ▶ Building Assessments
- ▶ Service procurement support
- ▶ Action plan creation (roadmap)
- ▶ Grant writing assistance
- ▶ Development of energy master plans and capital improvement plans for energy efficiency



How does the program work?

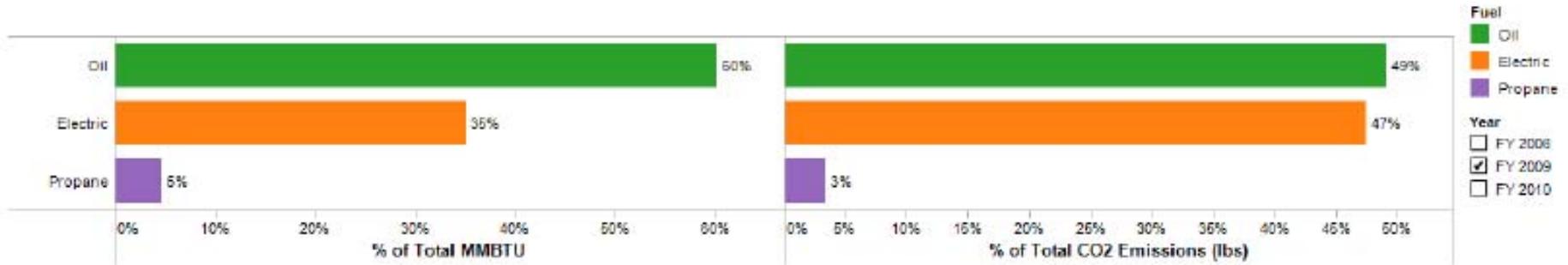
- ▶ RPCs conduct outreach for initial meeting, or municipalities request technical assistance (through any team member)
- ▶ Scoping meeting to evaluate the issues and opportunities regarding energy efficiency
- ▶ The team provides technical assistance to municipalities based on needs and priorities



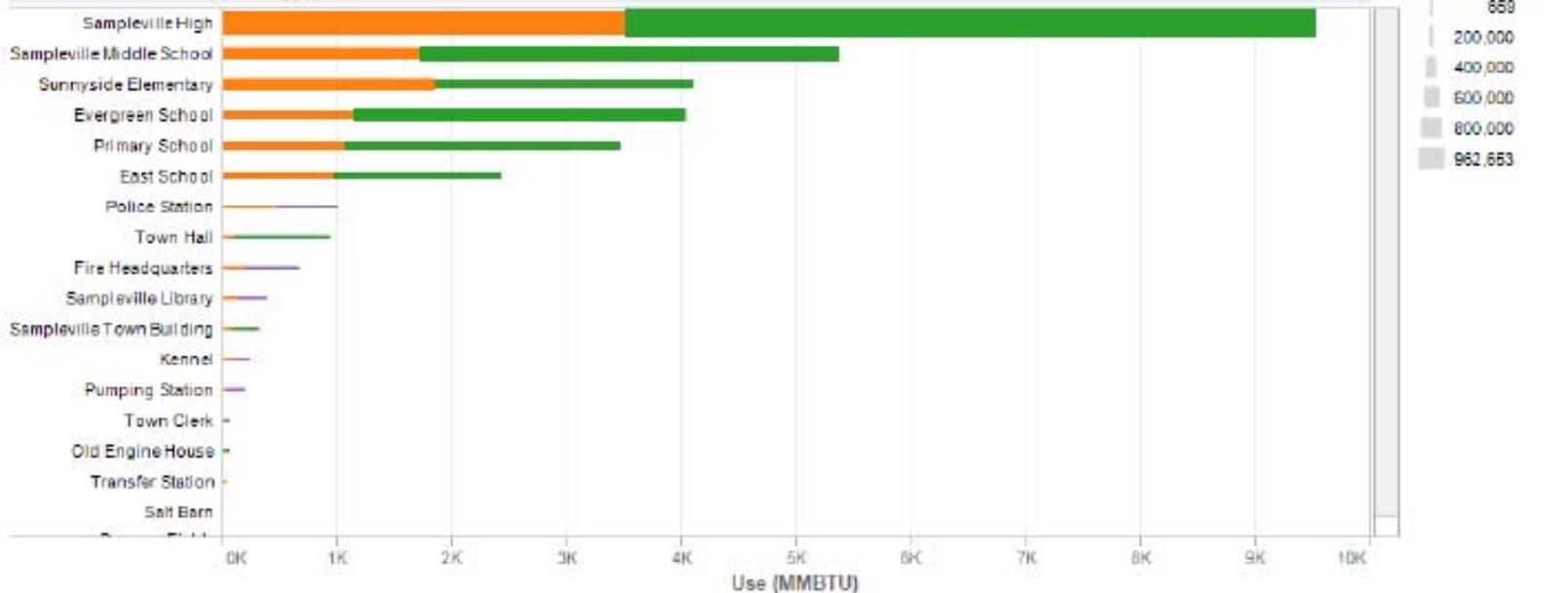
Energy Inventory Tool

- ▶ “You can’t manage what you can’t measure”
- ▶ Tool available for free as part of program
- ▶ Ability to track energy usage and measure savings generated by energy efficiency programs
- ▶ Intuitive graphical representations of energy usage

Overall Use and Emissions - Sample



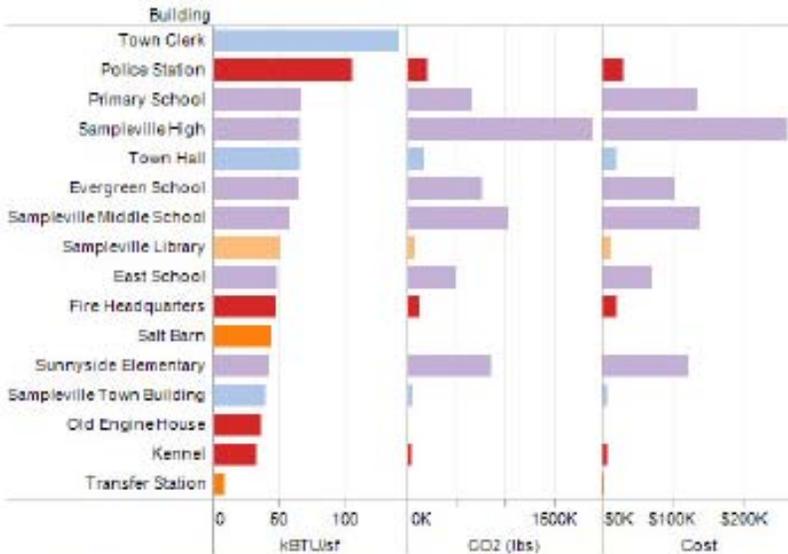
Use and Emissions by Facility



Buildings to Target - Sample

This dashboard compares buildings to one other on an energy use per area metric, measured as kBtu/square foot. In the quadrant chart on the right, buildings with the highest energy use and worst efficiency (as compared to other buildings in your portfolio) are in the upper right hand quadrant. Facilities of the types Open Space, Water/Sewer, Street...

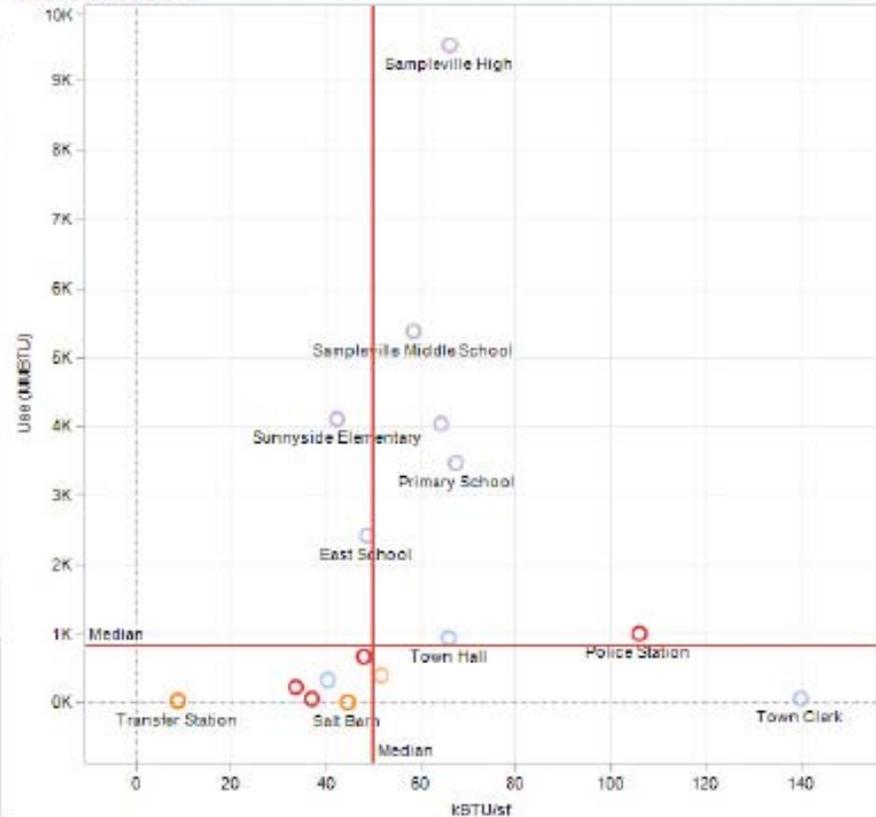
Building Efficiency, Emissions and Cost



Select a building name above to see how efficient it is compared to your other buildings. Lower numbers indicate greater efficiency.



Efficiency and Use



Building Subcate..

- Administration
- Library
- Public Safety
- Public Works
- School

Building Subcate..

- Administration
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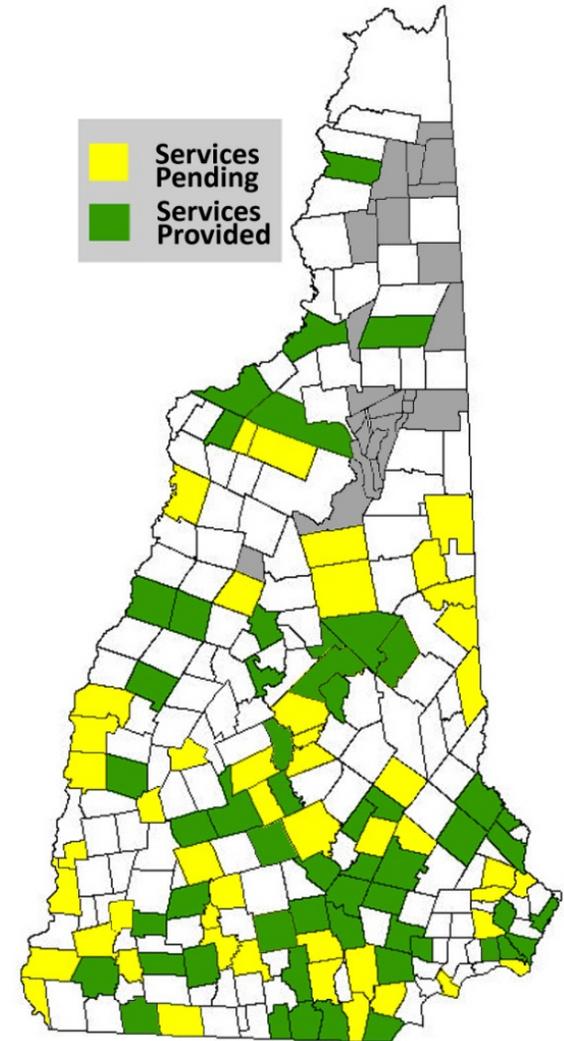
Year

- FY 2008
- FY 2009
- FY 2010



Summary of Progress to Date

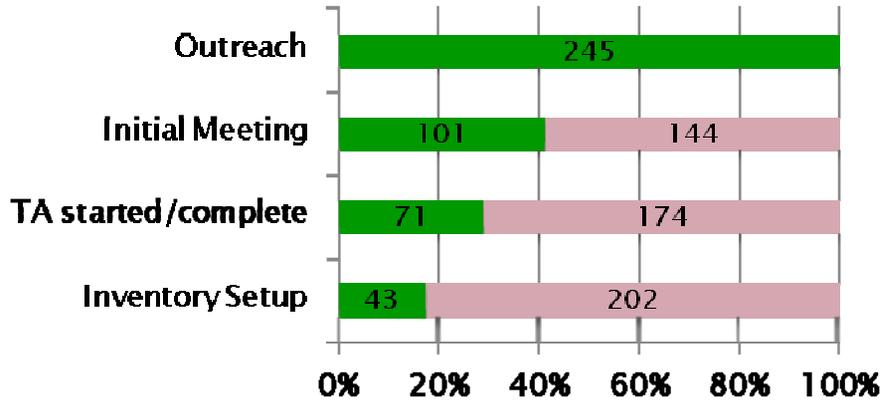
- ▶ Program began June, 2010
- ▶ Initial contact with over 150 municipalities and 8 counties
- ▶ Initial meetings with over 100 communities
- ▶ Conducting Technical Assistance with over 70 communities



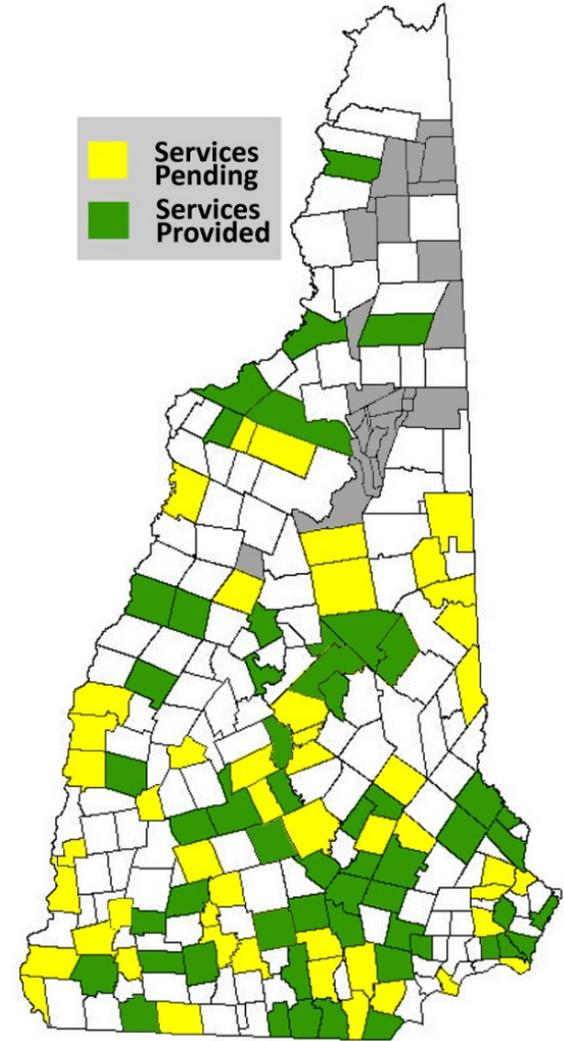
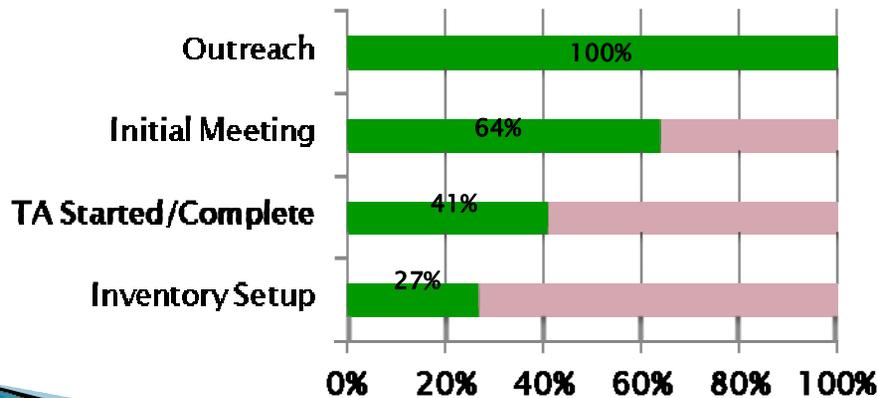


Summary of Progress to Date

By Municipality

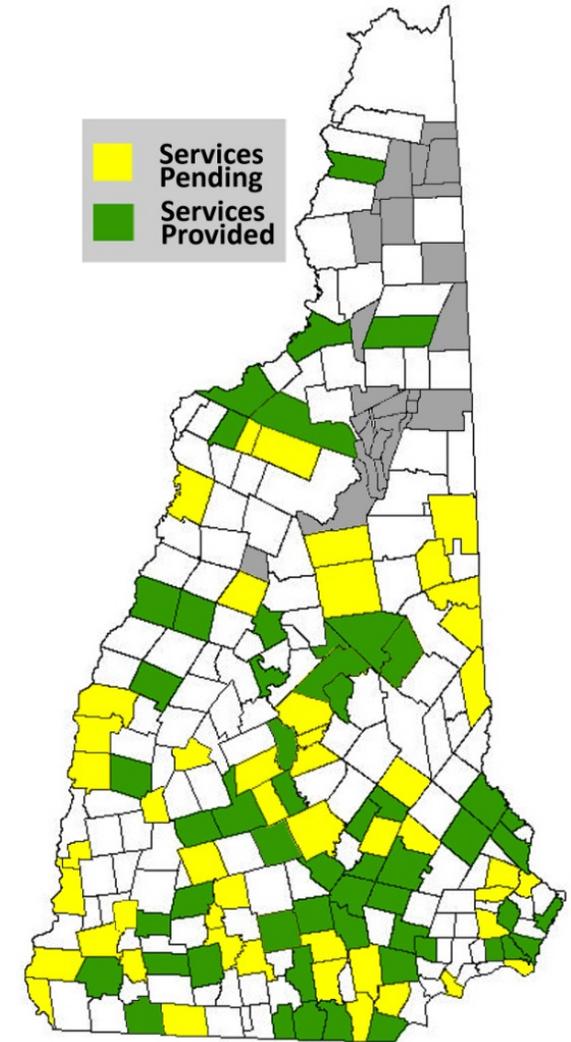
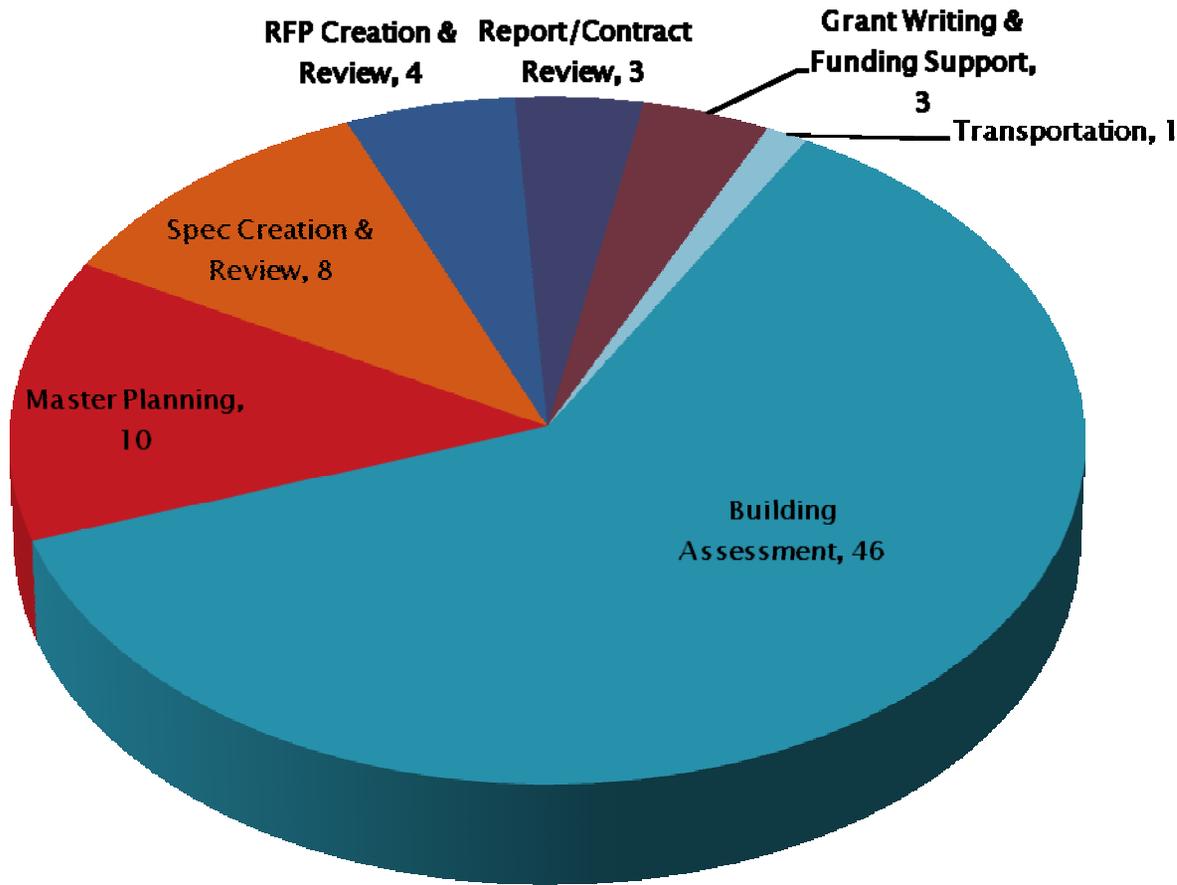


By Population



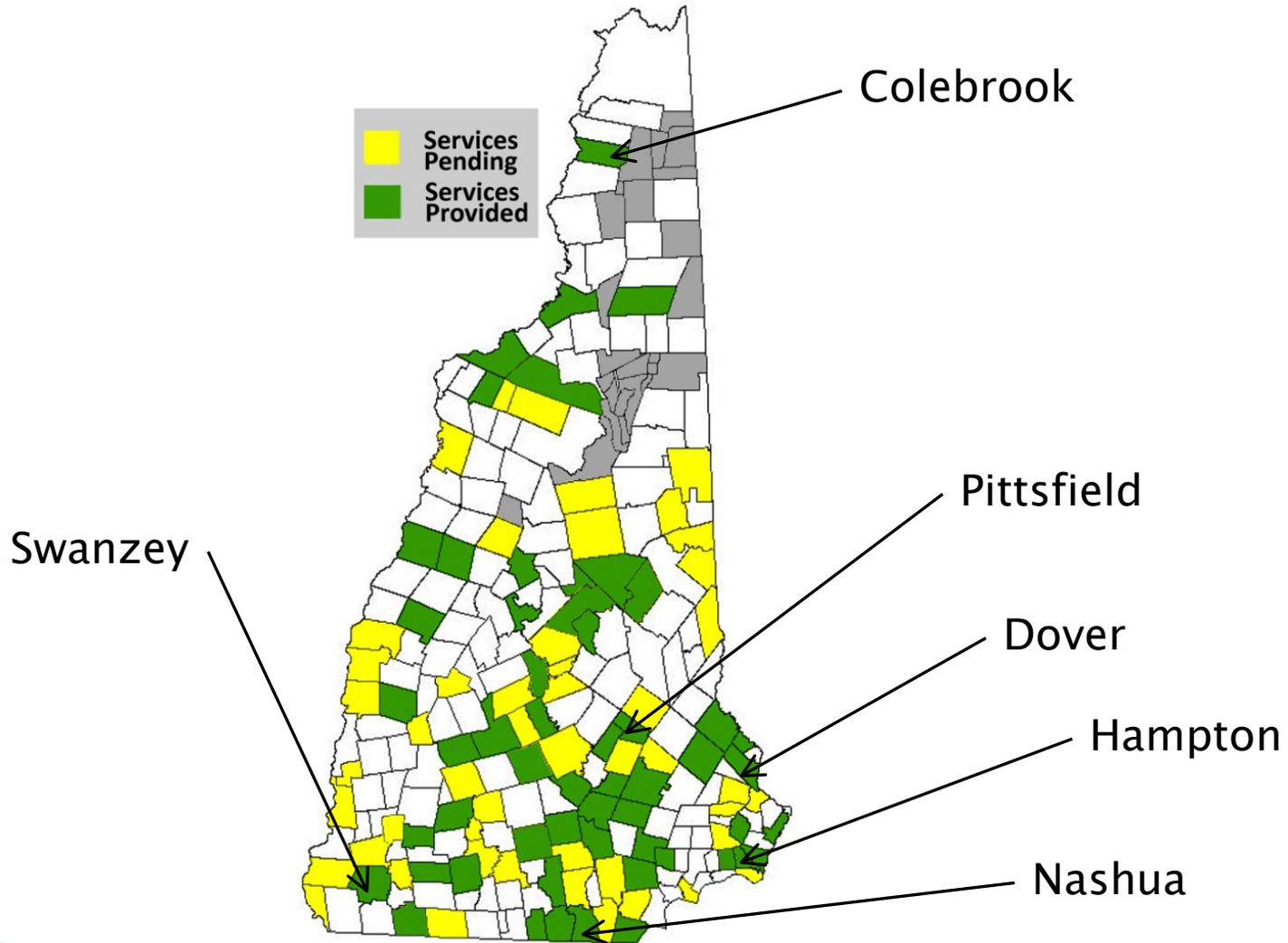


Technical Assistance to Date





Success Stories





Nashua

- ▶ Asked ETAP to evaluate buying practices for electricity
- ▶ Analyzed accounts and drafted RFP for competitive supply
- ▶ Handled bid process
- ▶ Projected savings: \$240,000/year





Hampton

- ▶ Evaluated energy efficiency of Lane Memorial Library
- ▶ Provided recommendations for new heating, cooling and lighting
- ▶ Created RFP for bid process
- ▶ Will assist in review of bid submissions





Swanzey

- ▶ Conducted assessments of 8 town buildings
- ▶ Produced cost estimates for improvements
- ▶ Used estimates in town budget process





Pittsfield

- ▶ Town desires a Park & Ride near downtown
- ▶ ETAP and CNHRPC assisted in locating and funding engineering firm to conduct preliminary engineering study





Colebrook

- ▶ Plan for combined heat & power (CHP) plant
- ▶ Required funding for feasibility study
- ▶ ETAP identified potential funding and assisted in grant writing





Dover

- ▶ Already done a large amount of EE work
- ▶ Requested assistance with regulatory audit
- ▶ Stafford RPC will work with city on master plan audit





What's up for year two?

- ▶ Hope to engage another 50+ communities in technical assistance
- ▶ Conduct follow-up meetings and action planning for communities
- ▶ Assist towns with preparation with town meetings / budget process to move projects to completion



When can communities sign up?

- ▶ Communities can contact their RPC or CLF Ventures to get started
- ▶ Eric Halter, Program Manager
 - 603-225-3060 x14
 - efhalter@clf.org
- ▶ <http://www.etapnhc.org>