Energy Smart Homes
Greenfield, MA

Presented by Ellie Kastanopolous
April 30, 2014
Presentation Outline:

• Project Summary
• Quick description of Greenfield, MA
• Massachusetts Energy Efficiency Programs
• Energy Smart Homes
• FRESH
We call it “happy valley”
## Ownership Patterns

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Number of Properties</td>
<td>5,059</td>
<td></td>
</tr>
<tr>
<td>Total Number of Households</td>
<td>7,726</td>
<td></td>
</tr>
<tr>
<td>Multi-unit Properties (5+ units)</td>
<td>121</td>
<td>2.4%</td>
</tr>
<tr>
<td>Properties with 4 units or less</td>
<td>4,938</td>
<td>97.6%</td>
</tr>
<tr>
<td>Single Family Homes</td>
<td>3,932</td>
<td>78%</td>
</tr>
<tr>
<td>Owner Occupied Single Family</td>
<td>3,541</td>
<td>70%</td>
</tr>
</tbody>
</table>
Town Hall with Farmers Market set up in the square
<table>
<thead>
<tr>
<th></th>
<th>Audits</th>
<th>Completed Jobs</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>MassSave- Gas Utility</td>
<td>195</td>
<td>49</td>
<td></td>
</tr>
<tr>
<td>MassSave- Electric Utility</td>
<td>595</td>
<td>156</td>
<td></td>
</tr>
<tr>
<td>Community Action – Low Income</td>
<td>637</td>
<td>239</td>
<td></td>
</tr>
<tr>
<td>Totals</td>
<td>1,427</td>
<td>444</td>
<td></td>
</tr>
<tr>
<td>CO2e Savings (metric tons):</td>
<td>732</td>
<td>1,504</td>
<td>2,236</td>
</tr>
<tr>
<td>Energy Cost Savings:</td>
<td>$70,122</td>
<td>$303,661</td>
<td>$373,783</td>
</tr>
<tr>
<td></td>
<td>Greenfield</td>
<td>State - MA</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Number of Households (2010 Census)</td>
<td>8,377</td>
<td>2,808,254</td>
<td></td>
</tr>
<tr>
<td>2010 Audits</td>
<td>332</td>
<td>39,860</td>
<td></td>
</tr>
<tr>
<td>2011 Audits</td>
<td>379</td>
<td>32,137</td>
<td></td>
</tr>
<tr>
<td>2012 Audits</td>
<td>439</td>
<td>42,060</td>
<td></td>
</tr>
<tr>
<td>2013 Audits</td>
<td>501</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010 Audit Rate</td>
<td>3.96%</td>
<td>1.42%</td>
<td></td>
</tr>
<tr>
<td>2011 Audit Rate</td>
<td>4.52%</td>
<td>1.14%</td>
<td></td>
</tr>
<tr>
<td>2012 Audit Rate</td>
<td>5.24%</td>
<td>1.50%</td>
<td></td>
</tr>
<tr>
<td>2013 Audit Rate</td>
<td>5.98%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Franklin County Data

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Area</strong></td>
<td>724 Square miles</td>
</tr>
<tr>
<td><strong>Number of towns</strong></td>
<td>26</td>
</tr>
<tr>
<td><strong>Number of Green Communities</strong></td>
<td>15</td>
</tr>
<tr>
<td><strong>Population</strong></td>
<td>71,372</td>
</tr>
<tr>
<td><strong>Largest town - Greenfield</strong></td>
<td>17,456</td>
</tr>
<tr>
<td><strong>Smallest town - Monroe</strong></td>
<td>121</td>
</tr>
<tr>
<td><strong>Median Household Income</strong></td>
<td>$52,246</td>
</tr>
<tr>
<td><strong>Largest Private Sector Industry</strong></td>
<td>Manufacturing</td>
</tr>
<tr>
<td><strong>Number of Households</strong></td>
<td>33,666</td>
</tr>
<tr>
<td><strong>Owner occupied</strong></td>
<td>88%</td>
</tr>
<tr>
<td><strong>Rental</strong></td>
<td>12%</td>
</tr>
<tr>
<td><strong>Single family structures</strong></td>
<td>69%</td>
</tr>
<tr>
<td><strong>Natural Gas Availability</strong></td>
<td>4 towns</td>
</tr>
</tbody>
</table>
Thanks!!