Buildings Benchmarked

1. Meriden Town Hall
2. Plainfield Elementary
3. Meriden Library
4. Plainfield Library
5. Plainfield Highway Dept Garage
<table>
<thead>
<tr>
<th>Building Benchmarked</th>
<th>Address</th>
<th>Sq-Ft</th>
<th>Zip Code</th>
<th>Empl/bldg's</th>
<th>PC's</th>
<th>Op hours/week</th>
<th>Yr Built</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meriden Town Hall</td>
<td>110 Main Street</td>
<td>2,800</td>
<td>3370</td>
<td>3</td>
<td>4</td>
<td>46</td>
<td>1940</td>
</tr>
<tr>
<td>Plainfield Elementary</td>
<td>92 Bonner Rd Meriden</td>
<td>35,800</td>
<td>3370</td>
<td>N/A</td>
<td>85</td>
<td>N/A</td>
<td>1972</td>
</tr>
<tr>
<td>Meriden Library</td>
<td>22 Bean Rd Meriden</td>
<td>2,432</td>
<td>3370</td>
<td>2</td>
<td>3</td>
<td>21</td>
<td>1964</td>
</tr>
<tr>
<td>Plainfield Library</td>
<td>1088 Rte 12 A Plainfield</td>
<td>6,200</td>
<td>3370</td>
<td>2</td>
<td>3</td>
<td>23</td>
<td>1920</td>
</tr>
<tr>
<td>Plainfield Highway Garage</td>
<td>351 Stage Rd Plainfield</td>
<td>5,000</td>
<td>3781</td>
<td>7</td>
<td>1</td>
<td>45</td>
<td>1982</td>
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</table>
Meriden Town Hall

- Baseline energy usage: 101,298 kBtu’s/year (29,667 kWh)
- Target energy usage with 10% reductions: 91,168 kBtu’s/year (26,700 kWh)

Source energy use intensity (EUI) kBtu’/Sq. Ft.-year: Current 72.0, National 182

Potential Savings with 10% energy reduction: 297$’s

Total Floor Area: 2,800 Sq.ft.
Meriden Town Hall Electricity and Oil Monthly Use & Cost

Site Energy Use Summary
Electricity (kBtu) 39,763
Fuel Oil (No. 2) (kBtu) 68,068
Natural Gas (kBTU) 0
Total Energy (kBtu) 107,831

Electricity $/Yr $1,337
$/mo $111

Oil $/yr $1,750
$/mo $149
Plainfield Elementary School

• Baseline energy usage: 1,768,219 kBtu’s/year
  (517,867 kWh)
• Target energy usage with 10% reductions: 1,591,397kBtu’s/year
  (466,080 kWh)
• Source energy use intensity (EUI) kBtu’/Sq. Ft.-year: Current 87.4, National 127
• Potential Savings with 10% energy reduction: 6,153 $’s

Total Space: 35,800 Sq.ft.
Site Energy Use Summary
Electricity (kBtu) 576,764
Fuel Oil (No. 2) (kBtu) 1,191,454
Natural Gas (kBtu) 0
Total Energy (kBtu) 1,768,218

Electricity $/Yr $24,038
$/mo $2,003
Oil $/yr $48,337
$/mo $4,028
Meriden Public Library

- Baseline energy usage: 163,576 kBtu’s/year (47,907kWH)
- Target energy usage with 10% reductions: 147,219 kBtu’s/year (43116kWh)
- Source energy use intensity (EUI) kBtu’/Sq. Ft.-year: Current 87, National 246
- Potential Savings with 10% energy reduction: 294 $’s

Total Space: 2,432 Sq.ft.
Site Energy Use Summary
Electricity (kBtu) 19,693
Fuel Oil (No. 2) (kBtu) 132,846
Natural Gas (kBtu) 0
Total Energy (kBtu) 152,539

Electricity $/Yr  $920
$/mo  $77
Oil $/yr  $2,004
$/mo  $167
Plainfield Public Library

- Baseline energy usage: 288,828 kBtu’s/year
  ( 84,590 kWh)
- Target energy usage with 10% reductions: 259,945 kBtu’s/year
  ( 76,131 kWh)
- Source energy use intensity (EUI) kBtu'/Sq. Ft.-year:
  Current 77, National 246
- Potential Savings with 10% energy reduction: 743 $’s

Total Space: 6,200 Sq.ft.
Plainfield Public Library Utility Monthly Use & Cost

Site Energy Use Summary
- Electricity (kBtu) 64,025
- Fuel Oil (No. 2) (kBtu) 261,100
- Natural Gas (kBtu) 0
- Total Energy (kBtu) 325,125

Electricity $/Yr $2,995
$/mo $249

Oil $/yr $5,892
$/mo $491
Plainfield Highway Dept Garage

- Baseline energy usage: 250,214 kBtu’s/year
  (73,281 kWh)
- Target energy usage with 10% reductions:
  225,192 kBtu’s/year
  (65,953 kWh)
- Source energy use intensity (EUI) kBtu’/Sq. Ft.-year: Current 79, National 150

Potential Savings with 10% energy reduction: 679 $’s

Total Space: 5,000 Sq.ft.
Site Energy Use Summary
Electricity (kBtu) 67,660
Fuel Oil (No. 2) (kBtu) 165,138
Natural Gas (kBtu) 0
Total Energy (kBtu) 232,798

Electricity $/Yr $3,663
$/mo $305
Oil $/yr $3,651
$/mo $304

Side Note: Usage Spikes in Winter Months (Snow removal is probably primary role of Highway Dept and thus explains higher usage)
Plainfield Buildings Energy Use: 
% of 2,572,135 kBtu/Yr (753,314 KWh/yr)
Current Source Energy Use Intensity (EUI) VS. National Average: kBtu/sq.ft-yr

- Plainfield Public Library
- Highway Dept Garage
- Meriden Town Hall
- Plainfield Elementary School
- Meriden Library
Total Potential yearly Savings with 10% Energy Use Reduction: $8,166/yr