| Property E+ Solutions 152 Highland Street Roxbury, MA 02119 | HERS Rating Type: Rating Date: Registry ID: | Confirmed 9/18/2017 076864383 | Certified Energy Rat Rating Number: | er: Peter Virchick 56744 | C | LEAR | esult |
|-----------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------|----------------------------------------|-----------------------------|----------------|-----------------|------------|
| | | | | Estimated | Annual En | ergy Cost | t |
| | | | | Use | MMBtu | Cost | Percent |
| HERS Index: -20 | | | | Heating | 8.7 | \$288 | -51% |
| General Information | | | | Cooling | 2.9 | \$49 | -9% |
| Conditioned Area | 1435 sq. ft. | House Type Tow | vnhouse, end unit | Hot Water | 3.1 | \$164 | -29% |
| Conditioned Volume | 17274 cubic ft. | | conditioned basement | Lights/Appliances | 15.7 | \$754 | -133% |
| Bedrooms | 3 | | | Photovoltaics | -39.5 | \$-1900 | 335% |
| | | | | Service Charges | | \$77 | -14% |
| Mechanical Systems | Features | | | Total | -9.0 | \$-567 | 100% |
| Air-source heat pump: | Electric, Htg: 13.5 HSPF. | Clg: 30.0 SEER. | | [| | | |
| Water Heating: | Heat pump, Electric, 3.24 EF, 50.0 Gal. | | | | Criteria | | |
| Duct Leakage to Outside | NA | | | This home meets or exceeds | the minimum c | riteria for the | following: |
| Ventilation System | Balanced: HRV, 80 cfm, 25.0 watts. | | | Massachusetts Stretch En | ergy Code* | | |
| Programmable Thermostat | Heat=Yes; Cool=Yes | | | * Compliance is determin | ed by the rate | er. | |
| Building Shell Featur | es | | | | | | |
| Ceiling Flat | R-59.2 | Slab | None | | | | |
| Sealed Attic | NA | Exposed Floor | R-49.0 | | | | |
| Vaulted Ceiling | R-50.4 | Window Type | U-Value: 0.180, SHGC: 0.210 | | | | |
| Above Grade Walls | R-43.2 | Infiltration Rate | Htg: 0.97 Clg: 0.97 ACH50 | | | | |
| Foundation Walls | R-12.0 | Method | Blower door test | CLEAResult | | | |
| | | | | 50 Washington St | | | |
| Lights and Appliance | Features | | | Suite 3000 | | | |
| Percent Interior Lighting | 100.00 | Range/Oven Fuel | Electric | Westborough, MA 01581 | | | |
| Percent Exterior Lighting | 100.00 | Clothes Dryer Fuel | Electric | - · | | | |
| Refrigerator (kWh/yr) | 647 | Clothes Dryer EF | 2.85 | | | | |
| Dishwasher (kWh/yr) | | iling Fan (cfm/Watt) | 0.00 | Certified Energy Rater: | Pote | r Virce | hick |

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| Property E+ Solutions 154 Highland Street Roxbury, MA 02119 | HERS Rating Type: Rating Date: Registry ID: | Confirmed 9/18/2017 120577334 | Certified Energy Ra Rating Number: | iter: Peter Virchick 57102 | C | LEAR | esult | |
|-----------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------|---------------------------------------|------------------------------------------|------------------|-----------------|--------------|--|
| | | | | Estimated | d Annual Er | ergy Cost | t | |
| | | | | Use | MMBtu | Cost | Percent | |
| HERS Index: -20 | | | | Heating | 8.6 | \$283 | -49% | |
| General Information | | | | Cooling | 3.0 | \$50 | - 9 % | |
| Conditioned Area | 1435 sq. ft. | House Type Tow | nhouse, end unit | Hot Water | 3.1 | \$165 | -29% | |
| Conditioned Volume | 14374 cubic ft. | •• | onditioned basement | Lights/Appliances | 15.6 | \$753 | -132% | |
| Bedrooms | 3 | | | Photovoltaics | -39.5 | \$-1900 | 332% | |
| | - | | | Service Charges | | \$77 | -13% | |
| Mechanical Systems | Features | | | Total | -9.1 | \$-572 | 100% | |
| Air-source heat pump: | Electric, Htg: 13.5 HSPF. | Clg: 30.0 SEER | | | | | | |
| Water Heating: | Heat pump, Electric, 3.24 EF, 50.0 Gal. | | | | Criteria | | | |
| Duct Leakage to Outside | NA | | | | ds the minimum o | riteria for the | following: | |
| Ventilation System | Balanced: HRV, 83 cfm, 24.0 watts. | | | Massachusetts Stretch E | nergy Code* | | | |
| Programmable Thermostat | Heat=Yes; Cool=Yes | | | * Compliance is determined by the rater. | | | | |
| Building Shell Featur | es | | | | | | | |
| Ceiling Flat | R-59.2 | Slab | None | | | | | |
| Sealed Attic | NA | Exposed Floor | R-49.0 | | | | | |
| Vaulted Ceiling | R-50.4 | Window Type | U-Value: 0.180, SHGC: 0.210 | | | | | |
| Above Grade Walls | R-43.2 | Infiltration Rate | Htg: 1.01 Clg: 1.01 ACH50 | | | | | |
| Foundation Walls | R-12.0 | Method | Blower door test | CLEAResult | | | | |
| | | | | 50 Washington St | | | | |
| Lights and Appliance | Features | | | Suite 3000 | | | | |
| Percent Interior Lighting | 100.00 | Range/Oven Fuel | Electric | Westborough, MA 01581 | | | | |
| Percent Exterior Lighting | 100.00 | Clothes Dryer Fuel | Electric | | | | | |
| Refrigerator (kWh/yr) | 647 | Clothes Dryer EF | 2.85 | | | | | |
| Dishwasher (kWh/yr) | | iling Fan (cfm/Watt) | 0.00 | Certified Energy Rater: | Poton | Virch | ick | |

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| Property | HERS | | | | С | LEAR | esult® | |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------|-----------------|-----------------|-------------|--|
| E+ Solutions LLC | Rating Type: | Confirmed | Certified Energy Ra | ater: Peter Virchick | • | | | |
| 156 Highland Street | Rating Date: | 9/18/17 | Rating Number: | 57103 | | | | |
| Roxbury, MA 02119 | Registry ID: | 164867907 | | | | | | |
| | | | | Estimated | Annual En | ergy Cost | | |
| | | | | Use | MMBtu | Cost | Percent | |
| HERS Index: -22 | | | | Heating | 8.8 | \$136 | -54% | |
| General Information | | | | Cooling | 2.9 | \$24 | -9 % | |
| Conditioned Area | 1363 sg. ft. | House Type Tow | vnhouse, end unit | Hot Water | 2.5 | \$65 | -26% | |
| Conditioned Volume | 18896 cubic ft. | Foundation Slab | , | Lights/Appliances | 14.5 | \$339 | -133% | |
| Bedrooms | 2 | | | Photovoltaics | -37.5 | \$-879 | 345% | |
| | | | | Service Charges | | \$60 | -24% | |
| Mechanical Systems | Features | | | Total | -8.8 | \$-254 | 100% | |
| Air-source heat pump: | Electric, Htg: 13.5 HSPF. | Clg: 30.0 SEER. | | | | | | |
| Water Heating: | Heat pump, Electric, 3.2 | 4 EF, 50.0 Gal. | | Criteria | | | | |
| Duct Leakage to Outside | NA | | | This home meets or exceeds | s the minimum c | riteria for the | following: | |
| Ventilation System | Balanced: HRV, 79 cfm, 2 | 25.0 watts. | | | | | | |
| Programmable Thermostat | Heat=Yes; Cool=Yes | | | | | | | |
| Building Shell Featur | .es | |] | | | | | |
| Ceiling Flat | | | | | | | | |
| J | NA | Slab | R-20.0 Edge, R-10.0 Under | | | | | |
| Sealed Attic | NA R-60.0 | Slab Exposed Floor | R-20.0 Edge, R-10.0 Under NA | | | | | |
| | | Exposed Floor | NA | | | | | |
| Sealed Attic Vaulted Ceiling Above Grade Walls | R-60.0 | | NA U-Value: 0.180, SHGC: 0.210 | | | | | |
| Vaulted Ceiling | R-60.0 NA | Exposed Floor Window Type | NA | | | | | |
| Vaulted Ceiling Above Grade Walls | R-60.0 NA R-43.2 | Exposed Floor Window Type Infiltration Rate | NA U-Value: 0.180, SHGC: 0.210 Htg: 0.48 Clg: 0.48 ACH50 | CLEAResult | | | | |
| Vaulted Ceiling Above Grade Walls Foundation Walls | R-60.0 NA R-43.2 NA | Exposed Floor Window Type Infiltration Rate | NA U-Value: 0.180, SHGC: 0.210 Htg: 0.48 Clg: 0.48 ACH50 | 50 Washington St | | | | |
| Vaulted Ceiling Above Grade Walls Foundation Walls Lights and Appliance | R-60.0 NA R-43.2 NA | Exposed Floor Window Type Infiltration Rate Method | NA U-Value: 0.180, SHGC: 0.210 Htg: 0.48 Clg: 0.48 ACH50 Blower door test | 50 Washington St Suite 3000 | | | | |
| Vaulted Ceiling Above Grade Walls Foundation Walls Lights and Appliance Percent Interior Lighting | R-60.0 NA R-43.2 NA • Features 100.00 | Exposed Floor Window Type Infiltration Rate Method Range/Oven Fuel | NA U-Value: 0.180, SHGC: 0.210 Htg: 0.48 Clg: 0.48 ACH50 Blower door test Electric | 50 Washington St | | | | |
| Vaulted Ceiling Above Grade Walls Foundation Walls Lights and Appliance | R-60.0 NA R-43.2 NA | Exposed Floor Window Type Infiltration Rate Method | NA U-Value: 0.180, SHGC: 0.210 Htg: 0.48 Clg: 0.48 ACH50 Blower door test | 50 Washington St Suite 3000 | | | | |

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| Property | HERS | | | | | С | LEAR | esult® | |
|---------------------------|---------------------------|----------------------|-----------------------|---------------|----------------------------|----------------|----------------|------------|--|
| E+ Solutions LLC | Rating Type: | Confirmed | | l Energy Rate | | • | | | |
| 158 Highland Street | Rating Date: | 9/18/2017 | Rating N | umber: | 57104 | | | | |
| Roxbury, MA 02119 | Registry ID: | 415537329 | | | | | | | |
| | | | | | Estimated A | Annual En | ergy Cost | : | |
| | | | | | Use | MMBtu | Cost | Percent | |
| HERS Index: -14 | | | | | Heating | 3.9 | \$62 | -68% | |
| General Information | | | | | Cooling | 2.2 | \$18 | -20% | |
| Conditioned Area | 914 sq. ft. | House Type Apa | artment, end unit | | Hot Water | 2.5 | \$65 | -72% | |
| Conditioned Volume | 8226 cubic ft. | Foundation Sla | | | Lights/Appliances | 12.6 | \$294 | -326% | |
| Bedrooms | 2 | | | | Photovoltaics | -25.1 | \$-589 | 653% | |
| | | | | | Service Charges | | \$60 | -66% | |
| Mechanical Systems | Features | | | | Total | -3.9 | \$-90 | 100% | |
| Air-source heat pump: | Electric, Htg: 13.5 HSPF. | Clg: 30.0 SEER. | |] | | | | | |
| Water Heating: | Heat pump, Electric, 3.2 | 4 EF, 50.0 Gal. | | | Criteria | | | | |
| Duct Leakage to Outside | NA | | | | This home meets or exceeds | the minimum cr | iteria for the | following: | |
| Ventilation System | Balanced: HRV, 62 cfm, | 25.0 watts. | | | | | | | |
| Programmable Thermostat | Heat=Yes; Cool=Yes | | | | | | | | |
| Building Shell Featur | es | | | | | | | | |
| Ceiling Flat | NA | Slab | R-20.0 Edge, R-10.0 L | Under | | | | | |
| Sealed Attic | NA | Exposed Floor | NA | | | | | | |
| Vaulted Ceiling | NA | Window Type | U-Value: 0.180, SHGC | C: 0.210 | | | | | |
| Above Grade Walls | R-43.2 | Infiltration Rate | Htg: 0.50 Clg: 0.50 A | СН50 | | | |] | |
| Foundation Walls | NA | Method | Blower door test | | CLEAResult | | | | |
| | | | | | 50 Washington St | | | | |
| Lights and Appliance | Features | | | | Suite 3000 | | | | |
| Percent Interior Lighting | 100.00 | Range/Oven Fuel | Electric | | Westborough, MA 01581 | | | | |
| Percent Exterior Lighting | 100.00 | Clothes Dryer Fuel | Electric | | - / | | | | |
| Refrigerator (kWh/yr) | 647 | Clothes Dryer EF | 2.85 | | | | | | |
| Dishwasher (kWh/yr) | 260 Ce | iling Fan (cfm/Watt) | 0.00 | | Certified Energy Rater: _ | Peter | Virce | hick | |

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