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**ENERGY COST AND FEATURE REPORT**

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|                 |                               |               |                           |
|-----------------|-------------------------------|---------------|---------------------------|
| Date:           | May 19, 2010                  | Rating No.:   | Trend Home                |
| Building Name:  | Trend 2009 SBCH base          | Rating Org.:  | The House Inspector, LLC. |
| Owner's Name:   | Wisconsin Builders Foundation | Phone No.:    | (920) 749-1360            |
| Property:       |                               | Rater's Name: | Chuck Greening            |
| Address:        | Neenah, WI 54956              | Rater's No.:  | 108                       |
| Builder's Name: | Schmidt Brothers Custom Homes |               |                           |
| Weather Site:   | Hancock, WI                   | Rating Type:  | Based On Plans            |
| File Name:      | Trend 2009 SBCH base.blg      | Rating Date:  |                           |

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|                            | Trend 2009 UDC base |  | Trend 2009 SBCH base |  | DIFF   | % DIFF |
|----------------------------|---------------------|--|----------------------|--|--------|--------|
| <b>ANNUAL ENERGY COSTS</b> |                     |  |                      |  |        |        |
| Heating                    | \$ 804              |  | \$ 569               |  | \$ 234 | 29.2%  |
| Cooling                    | \$ 163              |  | \$ 164               |  | \$ -1  | -0.6%  |
| Water Heating              | \$ 199              |  | \$ 194               |  | \$ 5   | 2.3%   |
| Lights & Appliances        | \$ 1549             |  | \$ 1392              |  | \$ 157 | 10.1%  |
| Photovoltaics              | \$ -0               |  | \$ -0                |  | \$     |        |
| Service Charges            | \$ 212              |  | \$ 212               |  | \$     |        |
| <br>                       |                     |  |                      |  |        |        |
| Total                      | \$ 2926             |  | \$ 2531              |  | \$ 395 | 13.5%  |
| Average Monthly            | \$ 244              |  | \$ 211               |  | \$ 33  | 13.5%  |

**ENERGY FEATURES**

|                          |  |  |
|--------------------------|--|--|
| Ceiling w/Attic:         | R49 Attic U=0.020  | R60 Attic U=0.016  |
| Vaulted Ceiling:         | None   |  |
| Above Grade Walls:       | R19 (2x6 16oc) U=0.063                                       | R19 (2x6 24oc) U=0.061                                       |
| Foundation Walls (Cond): | 8-12"C R0 R10 F R=10.0                                       |  |
| Found. Walls (Uncond):   | None   |  |
| Doors:                   | St 1.75" R7.5 U=0.119  |  |
| Windows:                 | NFRC .35 / .30 U=0.350                                       | NFRC .31 / .30 U=0.310                                       |
| Frame Floors:            | R38 / R0 U=0.027   | R38 / R5 U=0.021   |
| Slab Floors:             | R10 Per, R0 Und U=0.079                                      |  |
| Infiltration:            | Htg: 0.20 Clg: 0.20 ACHnat                                   | Htg: 0.04 Clg: 0.04 ACHnat                                   |
| Infil. Measure:          | Blower door test   |  |
| Mechanical Ventilation:  | Exhaust Only: 65 cfm, 80.0 watts.                            | Exhaust Only: 65 cfm, 26.0 watts.                            |
| Interior Mass:           | None   |  |
| Mech Equip List:         | Heating: Fuel-fired air distribution, 70.0 kBtuh, 90.0 AFUE. | Heating: Fuel-fired air distribution, 70.0 kBtuh, 95.0 AFUE. |
|                          | Cooling: Air conditioner, 36.0 kBtuh, 13.0 SEER.             | Cooling: Air conditioner, 36.0 kBtuh, 13.0 SEER.             |
|                          | Water Heating: Conventional, Gas, 0.62 EF.                   | Water Heating: Conventional, Gas, 0.64 EF.                   |
| Programmable Thermostat: | Heat=Yes; Cool=Yes   |  |
| Ducts:                   | Uninsulated Conditioned space                                |  |
| Duct Leakage:            | Proposed reduced leakage                                     |  |
| Lights/Appliances:       | Defaults   |  |
| Active Solar:            | None   |  |
| Photovoltaics:           | None   |  |

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Trend 2009 UDC base

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Sunspace: No

Notes: Where feature level varies in home, the dominant value is shown. Only changed features are shown for Bldg 2.

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**ENERGY COST AND FEATURE REPORT**

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|                 |                               |               |                           |
|-----------------|-------------------------------|---------------|---------------------------|
| Date:           | May 19, 2010                  | Rating No.:   | Trend Home                |
| Building Name:  | Trend Home as built           | Rating Org.:  | The House Inspector, LLC. |
| Owner's Name:   | Wisconsin Builders Foundation | Phone No.:    | (920) 749-1360            |
| Property:       |                               | Rater's Name: | Chuck Greening            |
| Address:        | Neenah, WI 54956              | Rater's No.:  | 108                       |
| Builder's Name: | Schmidt Brothers Custom Homes | Rating Type:  | Based On Plans            |
| Weather Site:   | Hancock, WI                   | Rating Date:  |                           |
| File Name:      | Trend Home 5-18-10.blg        |               |                           |

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|                            | Trend 2009 SBCH base |  | Trend Home as built |  | DIFF   | % DIFF |
|----------------------------|----------------------|--|---------------------|--|--------|--------|
| <b>ANNUAL ENERGY COSTS</b> |                      |  |                     |  |        |        |
| Heating                    | \$ 569               |  | \$ 315              |  | \$ 254 | 44.6%  |
| Cooling                    | \$ 164               |  | \$ 137              |  | \$ 27  | 16.5%  |
| Water Heating              | \$ 194               |  | \$ 194              |  | \$ 0   | 0.0%   |
| Lights & Appliances        | \$ 1392              |  | \$ 1283             |  | \$ 109 | 7.8%   |
| Photovoltaics              | \$ -0                |  | \$ -0               |  | \$     |        |
| Service Charges            | \$ 212               |  | \$ 212              |  | \$     |        |
| <br>                       |                      |  |                     |  |        |        |
| Total                      | \$ 2531              |  | \$ 2141             |  | \$ 390 | 15.4%  |
| Average Monthly            | \$ 211               |  | \$ 178              |  | \$ 32  | 15.4%  |

**ENERGY FEATURES**

|                          |  |  |
|--------------------------|--|--|
| Ceiling w/Attic:         | R60 Attic U=0.016  |  |
| Vaulted Ceiling:         | None   |  |
| Above Grade Walls:       | R19 (2x6 24oc) U=0.061                                       | R28 (2x6 fm+15) R5.5 U=0.037                                 |
| Foundation Walls (Cond): | 8-12"C R0 R10 F R=10.0                                       | 8-12"C R10 R10 F R=20.0                                      |
| Found. Walls (Uncond):   | None   |  |
| Doors:                   | St 1.75" R7.5 U=0.119  |  |
| Windows:                 | NFRC .31 / .30 U=0.310                                       | NFRC .19 / .23 U=0.190                                       |
| Frame Floors:            | R38 / R5 U=0.021   |  |
| Slab Floors:             | R10 Per, R0 Und U=0.079                                      | R10 Per, R10 Und 20' U=0.046                                 |
| Infiltration:            | Htg: 0.04 Clg: 0.04 ACHnat                                   | Htg: 0.03 Clg: 0.03 ACHnat                                   |
| Infil. Measure:          | Blower door test   |  |
| Mechanical Ventilation:  | Exhaust Only: 65 cfm, 26.0 watts.                            | Balanced: HRV, 80 cfm, 32.0 watts.                           |
| Interior Mass:           | None   |  |
| Mech Equip List:         | Heating: Fuel-fired air distribution, 70.0 kBtuh, 95.0 AFUE. | Heating: Fuel-fired air distribution, 50.0 kBtuh, 95.0 AFUE. |
|                          | Cooling: Air conditioner, 36.0 kBtuh, 13.0 SEER.             | Cooling: Air conditioner, 24.0 kBtuh, 15.0 SEER.             |
|                          | Water Heating: Conventional, Gas, 0.64 EF.                   | Water Heating: Conventional, Gas, 0.64 EF.                   |
| Programmable Thermostat: | Heat=Yes; Cool=Yes   |  |
| Ducts:                   | Uninsulated Conditioned space                                |  |
| Duct Leakage:            | Proposed reduced leakage                                     | 20.00 CFM per Std 152  |
| Lights/Appliances:       | Defaults   |  |
| Active Solar:            | None   |  |
| Photovoltaics:           | None   |  |

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Trend 2009 SBCH base

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|----------------------------|---------------------|--|---------------------|--|--------|--------|
| <b>ANNUAL ENERGY COSTS</b> |                     |  |                     |  |        |        |
| Heating                    | \$ 804              |  | \$ 315              |  | \$ 489 | 60.8%  |
| Cooling                    | \$ 163              |  | \$ 137              |  | \$ 26  | 16.0%  |
| Water Heating              | \$ 199              |  | \$ 194              |  | \$ 5   | 2.4%   |
| Lights & Appliances        | \$ 1549             |  | \$ 1283             |  | \$ 266 | 17.2%  |
| Photovoltaics              | \$ -0               |  | \$ -0               |  | \$     |        |
| Service Charges            | \$ 212              |  | \$ 212              |  | \$     |        |
| <br>                       |                     |  |                     |  |        |        |
| Total                      | \$ 2926             |  | \$ 2141             |  | \$ 785 | 26.8%  |
| Average Monthly            | \$ 244              |  | \$ 178              |  | \$ 65  | 26.8%  |

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| Ducts:                   | Uninsulated Conditioned space                                |  |
| Duct Leakage:            | Proposed reduced leakage                                     | 20.00 CFM per Std 152  |
| Lights/Appliances:       | Defaults   |  |
| Active Solar:            | None   |  |
| Photovoltaics:           | None   |  |

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