## **ENERGY CONSUMPTION SUMMARY**

By kjww

|                            | Elect<br>Cons. | PCldW<br>Cons. | P.Stm<br>Cons. | % of Total<br>Building | Total Building<br>Energy | Total Source<br>Energy* |
|----------------------------|----------------|----------------|----------------|------------------------|--------------------------|-------------------------|
|                            | (kWh)          | (kBtu)         | (kBtu)         | Energy                 | (kBtu/yr)                | (kBtu/yr)               |
| Alternative 1              |                |                |                |                        |                          |                         |
| Primary heating            |                |                |                |                        |                          |                         |
| Primary heating            |                |                | 2,588,193      | 34.5 %                 | 2,588,193                | 3,450,924               |
| Other Htg Accessories      | 1,125          |                |                | 0.1 %                  | 3,838                    | 11,516                  |
| Heating Subtotal           | 1,125          |                | 2,588,193      | 34.6 %                 | 2,592,032                | 3,462,441               |
| Primary cooling            |                |                |                |                        |                          |                         |
| Cooling Compressor         |                | 2,299,962      |                | 30.7 %                 | 2,299,962                | 1,769,202               |
| Tower/Cond Fans            |                |                |                | 0.0 %                  | 0                        | 0                       |
| Condenser Pump             |                |                |                | 0.0 %                  | 0                        | 0                       |
| Other Clg Accessories      |                |                |                | 0.0 %                  | 0                        | 0                       |
| Cooling Subtotal           |                | 2,299,962      |                | 30.7 %                 | 2,299,962                | 1,769,202               |
| Auxiliary                  |                |                |                |                        |                          |                         |
| Supply Fans                | 72,362         |                |                | 3.3 %                  | 246,971                  | 740,988                 |
| Pumps                      | 2,617          |                |                | 0.1 %                  | 8,932                    | 26,799                  |
| Stand-alone Base Utilities | 34,592         |                | 16,438         | 1.8 %                  | 134,501                  | 376,141                 |
| Aux Subtotal               | 109,571        |                | 16,438         | 5.2 %                  | 390,404                  | 1,143,928               |
| Lighting                   |                |                |                |                        |                          |                         |
| Lighting                   | 267,297        |                |                | 12.2 %                 | 912,286                  | 2,737,132               |
| Receptacle                 |                |                |                |                        |                          |                         |
| Receptacles                | 382,599        |                |                | 17.4 %                 | 1,305,809                | 3,917,818               |
| Cogeneration               |                |                |                |                        |                          |                         |
| Cogeneration               |                |                |                | 0.0 %                  | 0                        | 0                       |
| Totals                     |                |                |                |                        |                          |                         |
| Totals**                   | 760,592        | 2,299,962      | 2,604,632      | 100.0 %                | 7,500,493                | 13,030,519              |

Project Name: 12066000

NHB\_TRANETRACE.TRC Dataset Name:

<sup>\*</sup> Note: Resource Utilization factors are included in the Total Source Energy value .
\*\* Note: This report can display a maximum of 7 utilities. If additional utilities are used, they will be included in the total.

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By kjww

|                            | Elect<br>Cons.<br>(kWh) | PCldW<br>Cons.<br>(kBtu) | P.Stm<br>Cons.<br>(kBtu) | % of Total<br>Building<br>Energy | Total Building<br>Energy<br>(kBtu/yr) | Total Source<br>Energy*<br>(kBtu/yr) |
|----------------------------|-------------------------|--------------------------|--------------------------|----------------------------------|---------------------------------------|--------------------------------------|
| Alternative 2              |                         |                          |                          |                                  |                                       |                                      |
| Primary heating            |                         |                          |                          |                                  |                                       |                                      |
| Primary heating            |                         |                          | 3,147,377                | 33.6 %                           | 3,147,377                             | 4,196,503                            |
| Other Htg Accessories      | 2,879                   |                          |                          | 0.1 %                            | 9,826                                 | 29,482                               |
| Heating Subtotal           | 2,879                   |                          | 3,147,377                | 33.7 %                           | 3,157,204                             | 4,225,986                            |
| Primary cooling            |                         |                          |                          |                                  |                                       |                                      |
| Cooling Compressor         |                         | 2,690,125                |                          | 28.7 %                           | 2,690,125                             | 2,069,327                            |
| Tower/Cond Fans            |                         |                          |                          | 0.0 %                            | 0                                     | 0                                    |
| Condenser Pump             |                         |                          |                          | 0.0 %                            | 0                                     | 0                                    |
| Other Clg Accessories      |                         |                          |                          | 0.0 %                            | 0                                     | 0                                    |
| Cooling Subtotal           |                         | 2,690,125                |                          | 28.7 %                           | 2,690,125                             | 2,069,327                            |
| Auxiliary                  |                         |                          |                          |                                  |                                       |                                      |
| Supply Fans                | 160,867                 |                          |                          | 5.9 %                            | 549,039                               | 1,647,282                            |
| Pumps                      | 2,077                   |                          |                          | 0.1 %                            | 7,089                                 | 21,270                               |
| Stand-alone Base Utilities | 34,592                  |                          | 34,192                   | 1.6 %                            | 152,254                               | 399,812                              |
| Aux Subtotal               | 197,536                 |                          | 34,192                   | 7.6 %                            | 708,383                               | 2,068,364                            |
| Lighting                   |                         |                          |                          |                                  |                                       |                                      |
| Lighting                   | 440,214                 |                          |                          | 16.1 %                           | 1,502,452                             | 4,507,806                            |
| Receptacle                 |                         |                          |                          |                                  |                                       |                                      |
| Receptacles                | 382,599                 |                          |                          | 14.0 %                           | 1,305,809                             | 3,917,818                            |
| Cogeneration               |                         |                          |                          |                                  |                                       |                                      |
| Cogeneration               |                         |                          |                          | 0.0 %                            | 0                                     | 0                                    |
| Totals                     |                         |                          |                          |                                  |                                       |                                      |
| Totals**                   | 1,023,228               | 2,690,125                | 3,181,569                | 100.0 %                          | 9,363,971                             | 16,789,300                           |

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<sup>\*</sup> Note: Resource Utilization factors are included in the Total Source Energy value .
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