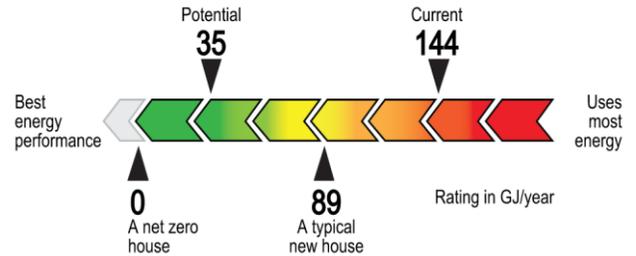




Estimated Energy Consumption

PROJECT INFORMATION

| | |
|-----------------|------------------------|
| Homeowner Name | Doe, John |
| Project Address | 1234 Sample Project Rd |
| Data Collected | 2020-11-01 |



ESTIMATED ANNUAL ENERGY CONSUMPTION SUMMARY

| Fuel | Space Heating | Space Cooling | DHW Heating | Baseloads | Ventilation | Total | | |
|--------------------------------------|---------------|---------------|-------------|-----------|---|---------------|------------|-----------|
| Before Upgrades | | | | | | 144 | GJ | |
| Electricity (kWh) | 28518.8 | 0 | 4309.8 | 7117.4 | 46.9 | 39993 | kWh | |
| After Upgrades | | | | | | 35 | GJ | |
| Electricity (kWh) | 4454.10 | 1540.50 | 1304.60 | 7117.40 | 221.50 | 14482.3 | kWh | |
| | | | | | PV generation applied to electrical consumption | 4758.3 | kWh | |
| | | | | | Net electrical consumption | 9724.0 | kWh | |
| Total Energy Savings Per Year | | | | | | | | |
| | | | | | | 76% | 109 | GJ |

ESTIMATED ANNUAL ENERGY UTILITY COSTS

| RATE | Electricity | Natural Gas | Oil | Propane | Total | | |
|--------------------------------------|-------------|-------------|--------|---------|-------------------|------------|-------------------|
| Before Upgrades | | | | | | | |
| \$ | \$5,191.10 | \$0.00 | \$0.00 | \$0.00 | \$5,191.09 | | |
| After Upgrades | | | | | | | |
| \$ | \$1,126.11 | \$0.00 | \$0.00 | \$0.00 | \$1,126.11 | | |
| Total Energy Savings Per Year | | | | | | | |
| | | | | | | 78% | \$4,064.98 |

**The calculated heat losses and energy consumptions are only estimates, based upon the data entered and assumptions within the our modeling program. Actual energy consumption and heat losses will be influenced by construction practices, localized weather, equipment characteristics and the lifestyle of the occupants.



Economic Analysis

| Year | Without Upgrades | | Estimated Annual Energy Utility Costs After Upgrades @ 2.4% Inflation | | | | |
|------|----------------------|--------------------------|---|-------------------------|----------------------------|----------------------|--------------------------|
| | Annual Utility Costs | Cumulative Utility Costs | Annual Gas Savings | Annual Electric Savings | Cumulative Utility Savings | Annual Utility Costs | Cumulative Utility Costs |
| 1 | \$5,191.09 | \$5,191.09 | \$0.00 | \$4,064.99 | \$4,064.99 | \$1,126.11 | \$1,126.11 |
| 2 | \$5,315.68 | \$10,506.77 | \$0.00 | \$4,162.55 | \$8,227.54 | \$1,153.14 | \$2,279.25 |
| 3 | \$5,443.25 | \$15,950.02 | \$0.00 | \$4,262.45 | \$12,489.99 | \$1,180.81 | \$3,460.06 |
| 4 | \$5,573.89 | \$21,523.91 | \$0.00 | \$4,364.75 | \$16,854.74 | \$1,209.15 | \$4,669.21 |
| 5 | \$5,707.66 | \$27,231.57 | \$0.00 | \$4,469.50 | \$21,324.24 | \$1,238.17 | \$5,907.38 |
| 6 | \$5,844.65 | \$33,076.22 | \$0.00 | \$4,576.77 | \$25,901.02 | \$1,267.89 | \$7,175.27 |
| 7 | \$5,984.92 | \$39,061.14 | \$0.00 | \$4,686.61 | \$30,587.63 | \$1,298.32 | \$8,473.58 |
| 8 | \$6,128.56 | \$45,189.70 | \$0.00 | \$4,799.09 | \$35,386.72 | \$1,329.48 | \$9,803.06 |
| 9 | \$6,275.64 | \$51,465.34 | \$0.00 | \$4,914.27 | \$40,301.00 | \$1,361.38 | \$11,164.44 |
| 10 | \$6,426.26 | \$57,891.60 | \$0.00 | \$5,032.21 | \$45,333.21 | \$1,394.06 | \$12,558.50 |
| 11 | \$6,580.49 | \$64,472.09 | \$0.00 | \$5,152.99 | \$50,486.20 | \$1,427.51 | \$13,986.01 |
| 12 | \$6,738.42 | \$71,210.51 | \$0.00 | \$5,276.66 | \$55,762.85 | \$1,461.77 | \$15,447.79 |
| 13 | \$6,900.14 | \$78,110.65 | \$0.00 | \$5,403.30 | \$61,166.15 | \$1,496.86 | \$16,944.65 |
| 14 | \$7,065.75 | \$85,176.39 | \$0.00 | \$5,532.98 | \$66,699.13 | \$1,532.78 | \$18,477.43 |
| 15 | \$7,235.32 | \$92,411.72 | \$0.00 | \$5,665.77 | \$72,364.90 | \$1,569.57 | \$20,047.00 |
| 16 | \$7,408.97 | \$99,820.69 | \$0.00 | \$5,801.75 | \$78,166.65 | \$1,607.24 | \$21,654.23 |
| 17 | \$7,586.79 | \$107,407.48 | \$0.00 | \$5,940.99 | \$84,107.64 | \$1,645.81 | \$23,300.05 |
| 18 | \$7,768.87 | \$115,176.34 | \$0.00 | \$6,083.57 | \$90,191.21 | \$1,685.31 | \$24,985.36 |
| 19 | \$7,955.32 | \$123,131.67 | \$0.00 | \$6,229.58 | \$96,420.79 | \$1,725.76 | \$26,711.11 |
| 20 | \$8,146.25 | \$131,277.92 | \$0.00 | \$6,379.09 | \$102,799.88 | \$1,767.18 | \$28,478.29 |
| 21 | \$8,341.76 | \$139,619.68 | \$0.00 | \$6,532.19 | \$109,332.07 | \$1,809.59 | \$30,287.88 |
| 22 | \$8,541.96 | \$148,161.64 | \$0.00 | \$6,688.96 | \$116,021.03 | \$1,853.02 | \$32,140.90 |
| 23 | \$8,746.97 | \$156,908.61 | \$0.00 | \$6,849.49 | \$122,870.52 | \$1,897.49 | \$34,038.39 |
| 24 | \$8,956.90 | \$165,865.51 | \$0.00 | \$7,013.88 | \$129,884.40 | \$1,943.03 | \$35,981.42 |
| 25 | \$9,171.86 | \$175,037.37 | \$0.00 | \$7,182.22 | \$137,066.62 | \$1,989.66 | \$37,971.09 |