



HOT WATER ENERGY ANALYSIS

Date: _____

Water Hardness: _____

Energy Source: Electric Natural Gas _____

A. Daily hot water usage

A-1. Estimated hot water usage (gallons): _____

B. Energy rate (current)

B-1. Energy cost per 1000 gallons @ 100° F rise: \$ _____

B-2. Heated water temperature: _____

B-3. Inlet water temperature (subtract): _____

B-4. Temperature rise: _____

B-5. Adjusted energy cost/1000 gallons (B-4 ÷ 100 x B-1): \$ _____

B-6. Energy cost per gallon (B-5 ÷ 1000): \$ _____

C. Energy cost daily (no scale condition)

C-1. Energy cost per gallon (B-6): \$ _____

C-2. Hot water usage (A-1) (multiply): _____ X _____

C-3. Total energy cost daily: \$ _____

D. Energy cost (scaled condition)

D-1. No scale energy cost (C-3): \$ _____

D-2. Excess energy factor (use 30% gas or 22% elec.): _____ X _____

D-3. Excess energy cost per day: \$ _____

D-4. Operating days per year: _____ X _____

D-5. Excess energy cost per year:

For further assistance with your energy analysis, please contact Complete Water Solutions at (855) 787-4200. Feel free to email us at info@complete-water.com with your results, or send us a letter at the address below and we will be happy to help you with your energy-saving needs.

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