

# Case Studies

## Grand Hyatt Atlanta/Buckhead

The Grand Hyatt Atlanta in Buckhead is a **439 room luxury hotel** in the upscale Buckhead District of Atlanta, Georgia.

**THE CHALLENGE:** Reducing the annual cost of heating water for guest room use, while providing an acceptable equipment payback period. The Grand Hyatt Atlanta was spending approximately \$43,000 per year to heat water for guest room showers.

**THE SOLUTION:** **A 20-panel Solar Thermal System** by installed to pre-heat the water entering the 3-boiler array into 3-750 gallon DHW storage tanks in the 26<sup>th</sup> story mechanical room to 140° for early-morning guest shower demand.

**THE RESULT:** **A 20%+ reduction in guest room DHW natural gas costs with a complete equipment payback at zero cost.** These results are based on **actual gas consumption figures** provided by the Grand Hyatt Atlanta.



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