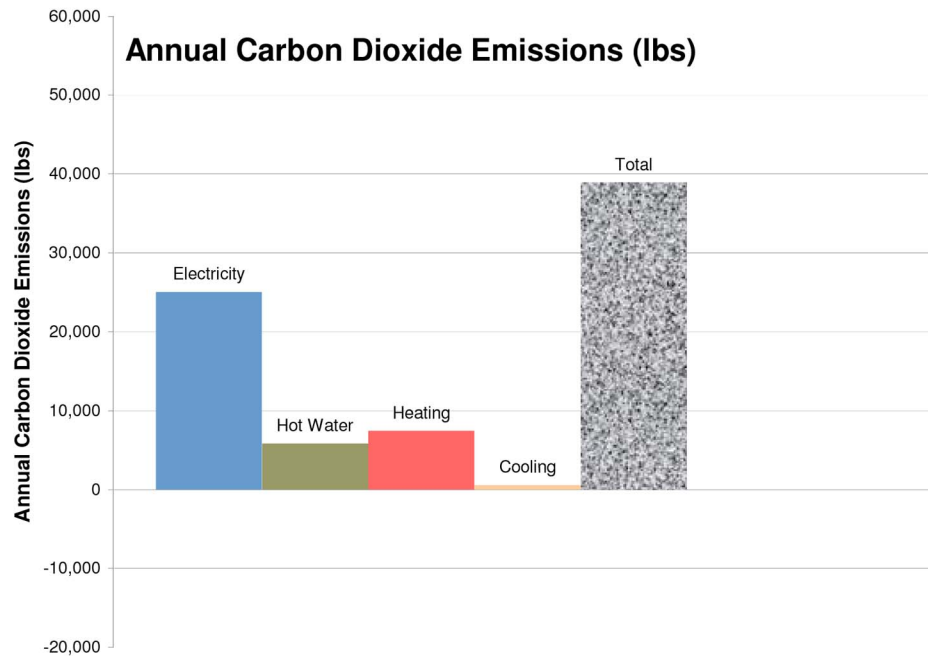


CASE STUDIES



3016 6TH ST. BOULDER, CO

3950 sq. ft. (2397 sq. ft. above ground, 1553 sq. ft. basement)



This house is a tightly-constructed version of the “normal” American home. It is insulated and sealed with urethane foam in the roof, walls and basement, and double-pane low-E windows further limit heat loss. An efficient natural gas boiler supplies hot water for domestic use and for the radiant floor system. An evaporative cooler minimizes summer electric loads. The home’s occupants, however, have very high electricity and hot water usage. If these values were average, the house would emit just over half the national average of carbon dioxide, but as it is used, the house emits 39,000 pounds of carbon dioxide annually – close to average. This case study makes the point that user behavior is as important to green building as the building itself, and that a low-energy house is just one part of a low-energy lifestyle.

# ENERGY SUMMARY

3016 6TH ST. BOULDER, CO

