

Water Heater Standards Are Set to Cut Utility Bills in All States

June 2024



Water heaters, one of the biggest energy users in most homes, are set to be significantly more efficient in the years ahead. Standards finalized by the Department of Energy in April require new models sold in 2029 and beyond to use modern technology that will significantly reduce costs for households while cutting greenhouse gas emissions. The standards are based on recommendations by two of the largest water heater manufacturers and consumer, climate, and efficiency advocates.

The standards will deliver particularly large savings for households replacing electric tank models. With the new standard, a typical household buying a new electric water heater will save nearly \$170 on utility bills every year compared to one using a typical electric model today. The table below shows the average savings for households in each state.

Average annual electricity bill savings for households buying a new, common-sized electric water heater (\$)

State	Average annual electricity bill savings for households buying a new, common-sized electric water heater (\$)
Alabama	138
Alaska	246
Arizona	129
Arkansas	140
California	199
Colorado	202
Connecticut	251
Delaware	129
District of Columbia	75
Florida	169
Georgia	181
Hawaii	358
Idaho	206
Illinois	117
Indiana	159
Iowa	190
Kansas	110
Kentucky	161
Louisiana	159
Maine	362
Maryland	157

Average annual electricity bill savings for households buying a new, common-sized electric water heater (\$)

State	Average annual electricity bill savings for households buying a new, common-sized electric water heater (\$)
Massachusetts	323
Michigan	208
Minnesota	214
Mississippi	120
Missouri	142
Montana	151
Nebraska	109
Nevada	149
New Hampshire	278
New Jersey	212
New Mexico	159
New York	222
North Carolina	133
North Dakota	152
Ohio	178
Oklahoma	109
Oregon	190
Pennsylvania	225
Rhode Island	212
South Carolina	173
South Dakota	153
Tennessee	154
Texas	140
Utah	130
Vermont	213
Virginia	196
Washington	156
West Virginia	162
Wisconsin	157
Wyoming	207
United States	169

Source: Department of Energy rulemaking analysis.

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