

## Building Energy Asset Score: Building Upgrade Guide<sup>1</sup>

### SERVICE HOT WATER SYSTEMS

#### Hot Water System Improvements

*Improvements and/or additions to existing hot water systems may decrease energy consumption.*

#### Asset Score Report Recommendation:

- **Improve performance of existing system**
- **Add low flow faucets**

#### Cost \$\$

System efficiency may be improved by insulating the existing storage tank (e.g., adding an insulation blanket) and pipes (e.g., for pipes with a diameter less than 1.5 in, insulate by 1 in.; otherwise, insulate by 1.5 in.), installing faucet aerators and flow-reducing shower heads (where applicable), and decreasing service hot water temperature where viable.

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<sup>1</sup> The complete Asset Score Building Upgrade Guide is available at:

[https://buildingenergyscore.energy.gov/assets/energy\\_asset\\_score\\_recommendations\\_guide.pdf](https://buildingenergyscore.energy.gov/assets/energy_asset_score_recommendations_guide.pdf)