

## Application Notes

### Electric Water Heater Controls

<http://waterheatertimer.org/Tork-digital-timers-and-manuals.html>

You can **save an additional 5% to 12%** in energy use, according to the US Department of Energy, by installing a time switch to control an electric hot water heater. A strategy to save energy with a timer, such as Tork's 1104, limits the operation of the heater to a few hours in the morning and the evening. This allows the water heater to work only when needed rather than operating all day and all night.



This strategy is most valuable if your local utility has peak demand usage charges. Some utilities offer “time of use” rates with higher KWH rates during daytime hours. By pushing your water heating to later in the day, these higher charges are avoided. The DOE also recommends adding water heater blankets and pipe insulation for a complete approach.

Tork offers an excellent choice to meet your unique needs when adding time switches to your energy saving strategies.



#DTWH40 – A digital 7 day timer can be set to repeat a schedule Monday through Friday and automatically allow a later schedule for the weekends. This unit includes an override button on the case.