

Thinking about a new water heater?

TVA EnergyRight® and your local power company are here to help you understand your options and choose a high-performance system that saves energy and money.



What is a heat pump water heater and how does it work?

Unlike traditional electric water heaters that generate heat, heat pump water heaters extract heat from the surrounding environment and transfer it into the water inside a tank. This process delivers hot water up to five times more efficiently than a conventional gas, electric resistance or propane water heater.

Is a heat pump water heater different from a hybrid electric water heater?

Heat pump water heaters may also be called hybrid electric water heaters because most models offer electric resistance heating as a backup. This helps ensure a steady supply of hot water, even during the coldest winter days.

Is it time to replace your water heater?

If your water heater is more than 10 years old, you may want to be proactive about finding an energy efficient replacement. ENERGY STAR® certified electric heat pump water heaters use up to 70% less energy than standard models — which boils down to a household of four saving approximately \$300 per year on electric bills.

Benefits of switching to a heat pump water heater.

- **Instant rebates** are available through TVA EnergyRight's Quality Contractor Network and participating retail locations.
- **Federal tax incentives** may also be available.
- **Lower operating costs:** A family of four can save an estimated \$3,000 over the system's lifetime.
- **More control:** Many models allow access to settings — like temperature setpoints and operational modes — with a digital control panel or remote app.
- **Improve indoor air quality:** Unlike conventional gas or propane models, heat pump water heaters do not create carbon monoxide.
- **Lower fire risk:** Heat pump water heaters do not use gas, so they eliminate the potential for gas leaks and associated hazards.



Learn more about **heat pump water heaters** at EnergyRight.com/heat-pump-water-heater.