# Key Messages:

* Upgrade now and warm up to savings with ENERGY STAR certified water heaters.
* Water heaters that earn the ENERGY STAR are independently certified to save energy and money, and help protect the environment.
* Water heaters are the second largest energy use in your home – around 12% of home energy consumption – costing a family of four $620 annually. An ENERGY STAR certified heat pump water heater can save you up to 50% on your energy bill.
* Utilities across the country are offering generous rebates, typically hundreds of dollars per water heater, on ENERGY STAR certified water heaters. Check with your local utility for more details or go to www.energystar.gov/rebatefinder.
* An astounding 35% of water heaters nationwide are at least 10 years old. If your water heater is 10 years old or older, chances are it is heating water inconsistently, or worse – going to altogether fail and flood your home. Avoid the hassle, stress and extra costs of water heater failure by planning ahead and replacing your old water heater early, before disaster strikes, with a new ENERGY STAR certified water heater.
* If all residential water heaters sold in the United States were ENERGY STAR certified, the energy cost savings would grow to nearly $13.4 billion each year, and more than 155 billion pounds of annual greenhouse gas emissions would be prevented, equivalent to the emissions from nearly 15 million vehicles.

# ENERGY STAR Electric Heat Pump Water Heaters

* Electric heat pump water heaters that have earned the ENERGY STAR are independently certified to save energy, save you money, and protect the environment. In fact, they:
  + Use less than half of the energy of a standard electric water heater models
  + Can save a family of four about $350 per year and up to $3,750 over its 13-year lifetime.
* Heat pump water heaters use advanced technology to do the job with significantly less energy, making them the best choice for your home. And in most homes, they can be installed right where your current water heater sits.
* ENERGY STAR certified electric heat pump water heaters save energy by transferring heat from the surrounding air to the water in the storage tank – essentially a refrigerator run in reverse. It takes much less power to move heat from one place to another than generate heat (like a typical electric water heater does via hot electric resistance coils).
* If all residential electric heat pump water heaters sold in the U.S. were ENERGY STAR certified, the energy cost savings would grow to $11.8 billion annually, preventing more than 140 billion lbs. of greenhouse gas emissions—equal to the emissions from more than 13 million vehicles, every year!

# ENERGY STAR Gas Water Heaters

* Gas water heaters that have earned the ENERGY STAR are independently certified to save energy, save you money, and protect the environment.
  + Gas storage models that have earned the ENERGY STAR use 8% less energy compared to standard gas water heaters.
  + Tankless models that have earned the ENERGY STAR can save a four-person household hundreds of dollars over its lifetime.
* ENERGY STAR certified gas water heaters integrate the latest in energy-efficiency technologies to save energy:
  + Storage water heaters use better insulation, heat traps, and more efficient combustion systems.
  + Tankless water heaters employ a secondary heat exchanger to extract more heat from the combustion process.
* If every gas water heater sold in the United States was ENERGY STAR certified, energy savings would grow to almost $1.2 billion annually. These savings are equivalent to preventing about 10 billion pounds of greenhouse gas or the emissions of 900 thousand cars annually.

# Planned water heater replacement offers several benefits, such as:

* Avoiding the consequences of sudden water heater failure:
  + Cold showers.
  + Flooding of your home leading to costly cleanups and property damage.
  + A rushed, expensive in the long term, emergency water heater replacement.
* Stress-free time to:
  + Determine the right ENERGY STAR certified water heater for your household.
  + Examine incentives available to you through your local utility or energy service provider for ENERGY STAR certified water heaters.
  + Look for manufacturer and retailer discounts on ENERGY STAR certified water heaters.

# ENERGY STAR Electric Heat Pump Water Heater Online Tools

**Water Heater Replacement Guide.** ENERGY STAR now makes it easy to determine whether an electric heat pump water heater is the best choice for your home with our new, mobile-friendly, Water Heater Replacement Guide at energystar.gov/waterheaterguide. The guide examines the following factors:

* **Electric Supply:** Your current water heater is electric, not gas.
* **Access to Air:** You have a location for your new water heater that is greater than 40°F and well ventilated.
* **Head Room:** You have the necessary space (electric heat pump water heaters are taller).
* **Water Drainage:** You have an area for drainage, like a nearby floor drain, or other outlets via a small condensate pump.

**Water Heater Product Finder – Complete with Installers.** Despite their enormous savings and large utility incentives, it can be hard to find installers familiar with electric heat pump water heaters. Luckily, ENERGY STAR has established a searchable list of installers experienced with electric heat pump water heater installation and operation. Visit energystar.gov/waterheaterfinder to not only find the right model, but also a local installer who can set it up and get it working when you need it!