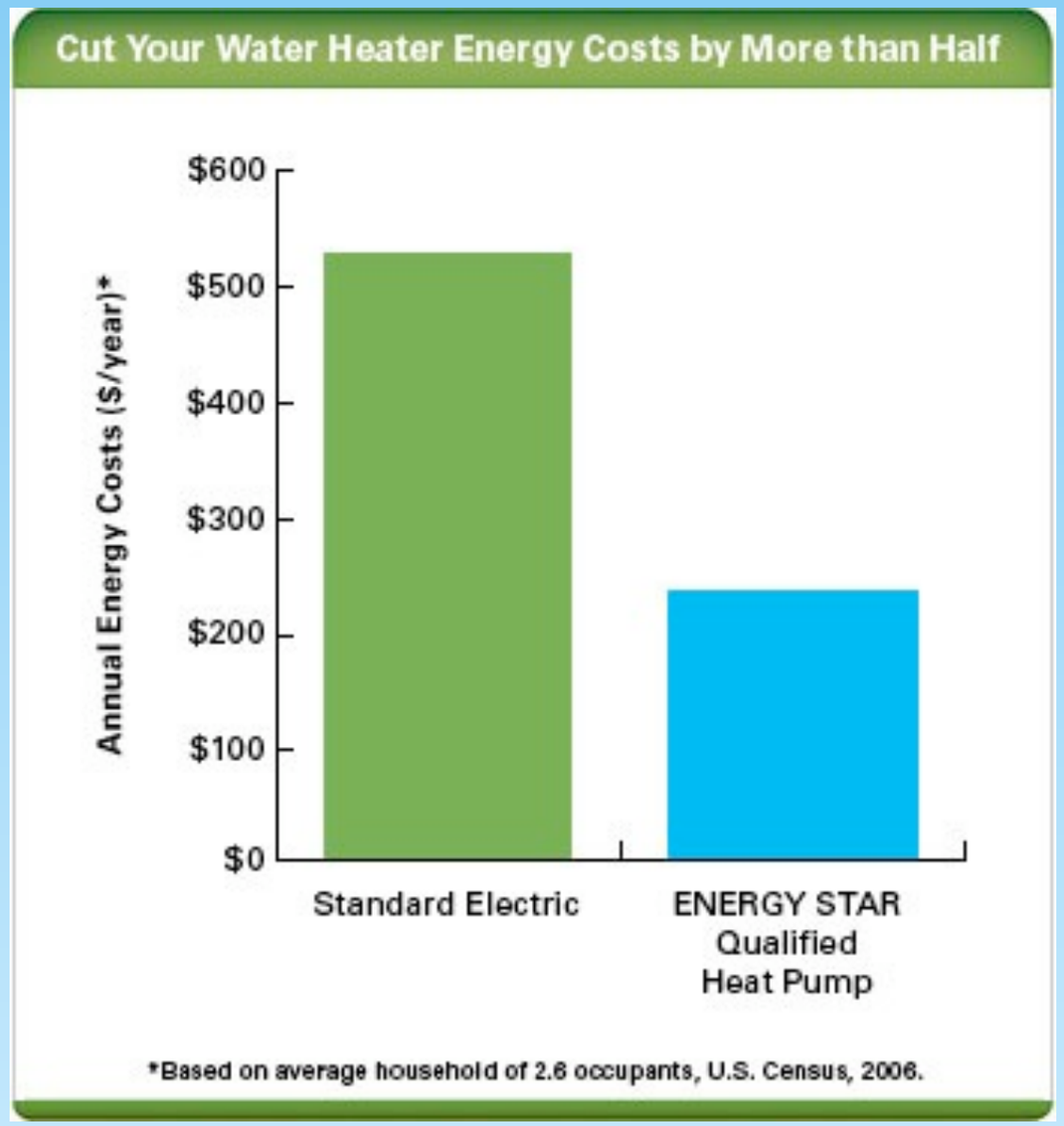
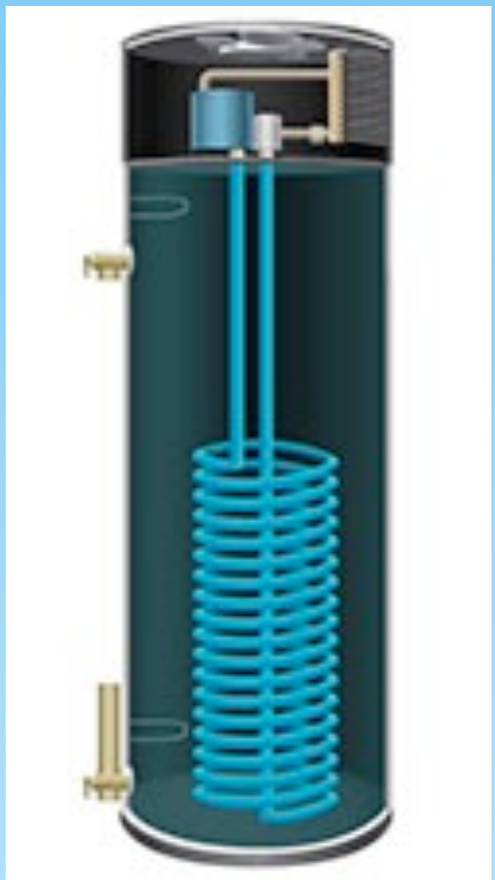
Saving Energy Opportunities in the Home

- Water Heaters
- Refrigerators
- Air Conditioning
- Dishwashers
- Clothes Washers
- Phantom Loads

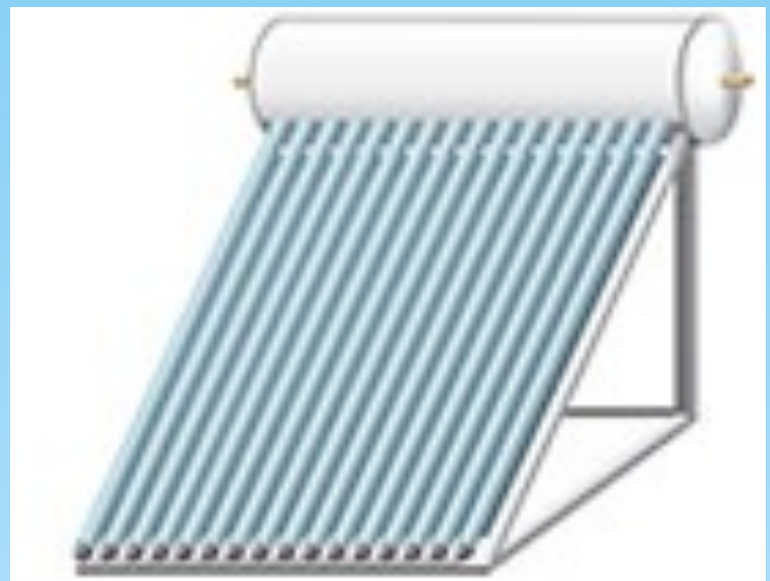
- Water Heaters = 40% of Local Energy Bills
- Refrigerators
- Air Conditioning
- Dishwashers
- Clothes Washers
- Phantom Loads



Replacement / Upgrade Options



Heat-Pump Water Heater



Solar Water Heater

Can’t replace yet?

Insulate tank and first 6’ of pipes

Install low-flow fixtures

- Water Heaters
- Refrigerators = 5% of Local Energy Bills
- Air Conditioning
- Dishwashers
- Clothes Washers
- Phantom Loads

ENERGY STAR qualified models use 20% less energy than new non-qualified; over 50% less than pre-1993 models

- Water Heaters
- Refrigerators
- Air Conditioning = around 16% of Local Energy Bills
- Dishwashers
- Clothes Washers
- Phantom Loads

Properly size air conditioners

Save 10% on cooling bills with ENERGY STAR qualified air conditioners

Properly clean and maintain equipment

- Water Heaters
- Refrigerators
- Air Conditioning
- Dishwashers use over 2,000 gallons of water each year
- Clothes Washers
- Phantom Loads

Energy savings come from reduced hot-water needs

Hand-washing vs. Dishwashers

Using an efficient dishwasher saves 6,000 gallons per year compared to hand-washing

And think of the time savings!

- Water Heaters
- Refrigerators
- Air Conditioning
- Dishwashers
- Clothes Washers use 14% of all the hot water in the home.
- Phantom Loads

Save 30% of the energy and over 6,500 gallons of water each year by choosing ENERGY STAR qualified models.

ENERGY STAR Clothes Dryers?

- Water Heaters
- Refrigerators
- Air Conditioning
- Dishwashers
- Clothes Washers

- Phantom Loads = Up to 5% of Local Energy Bills

Adds about $120/year to your energy bill

Smart Power Strip

House as a System

- If one part of home is inefficient, other systems must work harder
- Make most cost-effective improvements first
- Monitor energy bills for positive feedback
- Energy Efficiency = $