

ENERGY WISE

INTERRUPTIBLE WATER HEATING



Water heating can account for 25% of your energy use. To conserve hot water, you can fix leaks, install low-flow fixtures, and purchase an energy-efficient dishwasher and clothes washer. In addition, you can reduce your monthly water heating bills by selecting the appropriate water heater and by using energy-efficient water heating strategies.

REBATES

Rebates up to \$250 for high-efficiency electric interruptible water heating. 0% financing may also be available. Call for details and requirements.



What are interruptible water heating systems?

They are electric water heaters with sufficient storage capacity to supply your hot water needs over an extended period, like when electricity is temporarily interrupted. Interruptions can occur during times of peak electrical usage, elevated wholesale costs, or system emergencies, for up to 8 hours per day during all months of the year. You must have an electric water heater of 50 gallons or greater to qualify for the interruptible program.

| Storage Water Heating suggested size | |
|--------------------------------------|------------------------------------|
| Family size | Storage Water Heating Requirements |
| 1-2 | 50 gallons (minimum) |
| 3+ | 80 or 100 gallons |

Save energy dollars

The interruptible rate of 7.5 cents per kilowatt hour for water heating is comparable to a propane rate as low as \$1.43 per gallon or \$1.56 per/therm of natural gas.

| \$\$\$ | 7.5¢/kWh off-peak rate 90% efficient Based on 500 kWh/month | Propane @ \$2.00/gallon 60% efficient Based on 23 gallons used/month |
|---|--|---|
| Monthly operating expense (family of 4) | \$37.50 | \$45.50 |
| Average annual expense (family of 4) | \$450 | \$546 |

| Water heating cost comparison | |
|------------------------------------|--|
| Propane | 7.5¢/kWh electricity |
| 64% Efficient high-efficiency unit | Equivalent to \$1.43/gal. propane |
| Natural Gas | 7.5¢/kWh electricity |
| 64% Efficient high-efficiency unit | Equivalent to \$1.56/therm natural gas |

CONTACT US

To save energy and money, call your ECE energy experts at 1.800.254.7944 or visit eastcentralenergy.com.

