

Off-peak water heating

Electric rate: 4.2¢/kWh

Get yourself in plenty of hot water!

East Central Energy's off-peak water heating program allows you to heat your water for eight hours each day during "off-peak" overnight hours. The water heating system has sufficient storage capacity to supply your hot water needs during the 16-hour "on-peak" period.

For Storage Water Heating programs, ECE requires a minimum of 80-gallon water heater with mixing valve (for a family of four or less) while larger families require more capacity.

\$\$\$	4.2¢/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 four)	\$18.00	\$45.50
Average annual expense (family of four)	\$217.00	\$546.00

Save energy dollars

- The off-peak rate of 4.2 cents/kilowatt-hour for water heating is comparable to a propane rate of 75 cents per gallon or 82 cents per/therm of natural gas.
- It's safe. No flames, no flues, no backdrafts and no carbon monoxide.

High-efficiency Marathon and American brand storage water heaters are available from ECE — ask about them today!

Storage Water Heating minimum sizing recommendations

Family size	Storage Water Heating Requirements
1-4	80-85 gallons and mixing valve
5-7	105-160 gallons
8-9	200 gallons minimum

Water heating cost comparison

Propane	4.2¢/kWh electricity
60% Efficient standard unit	Equivalent to 75 cents propane/gal.
64% Efficient high-efficiency unit	Equivalent to 80 cents propane/gal.
Natural Gas	4.2¢/kWh electricity
60% Efficient standard unit	Equivalent to 82 cents natural gas/therm
64% Efficient high-efficiency unit	Equivalent to 88 cents natural gas/therm

2010 *High-efficient Storage Water Heating rebates:

\$150- New high-efficient (off-peak) electric storage water heating system**

\$300- Existing uncontrolled electric water heater on regular rate conversion to high-efficient (off-peak) electric storage water heating system**



*Water heaters must have an energy factor of .90 or greater to qualify. Manufacturer documentation of energy rating is required.

**Upgrades to existing storage water heating systems do not qualify.

Call your East Central Energy trusted energy advisors or visit www.eastcentralenergy.com for more information.

