

ENERGY WISE

Heating options



Enjoy cozy, warm floors with slab heating, an energy-efficient heating option.

Electric heating panels, mats or cables are installed in soil or sand under the concrete slab. The ground underneath becomes an efficient, large mass of thermal energy that is only released when the area above becomes cooler, so there is no wasted energy.

ELECTRIC SLAB HEAT

Slab heating options include:

5.3¢/kWh Storage rate

On the storage rate, the system is allowed to charge for the eight-hour off-peak period only, so the output rating of the system must be sized accordingly, and a storage medium of sand, brick or water is required. A storage boiler installed in conjunction with a standard in-floor hydronic tubing system can also be utilized on this program.

\$100/kw rebate for qualifying Storage Space Heating systems, installed in 2021.



5.9¢/kWh Dual Fuel/Storage Water Heating rate 6.4¢/kWh Dual Fuel only rate

A standard electric boiler system installed in conjunction with in-floor tubing is utilized for the Dual Fuel option. The boiler output would be sized the same as any other standard electric heating system.

On the Dual Fuel rate, the boiler would be able to operate at all times except for interruption due to high demand for electricity, or system emergencies.

The boiler can be interrupted for up to 12 hours per day and 400 hours per heating season. Because the boiler can be shut off, an automatic backup system is required to provide an adequate heat source during the period of interruption.



When you think about saving money, think energy efficiency.

COST COMPARISON			
Propane	5.3¢/kWh off-peak	5.9¢/kWh DF/SWH	6.4¢/kWh Dual Fuel only
70% efficient standard unit	Equivalent to 99 cents/gal. propane	Equivalent to \$1.10/gal. propane	Equivalent to \$1.20/gal. propane
95% efficient high-efficiency unit	Equivalent to \$1.35/gal. propane	Equivalent to \$1.49/gal. propane	Equivalent to \$1.63/gal. propane
Natural Gas	5.3¢/kWh off-peak	5.7¢/kWh DF/SWH	6.1¢/kWh Dual Fuel only
70% efficient standard unit	Equivalent to \$1.09/therm natural gas	Equivalent to \$1.21/therm natural gas	Equivalent to \$1.31/therm natural gas
95% efficient high-efficiency unit	Equivalent to \$1.48/therm natural gas	Equivalent to \$1.64/therm natural gas	Equivalent to \$1.78/therm natural gas
<i>Reduced rates do not reflect any variable wholesale power cost adjustment that may be required. Rates are subject to change.</i>			

CONTACT US

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

