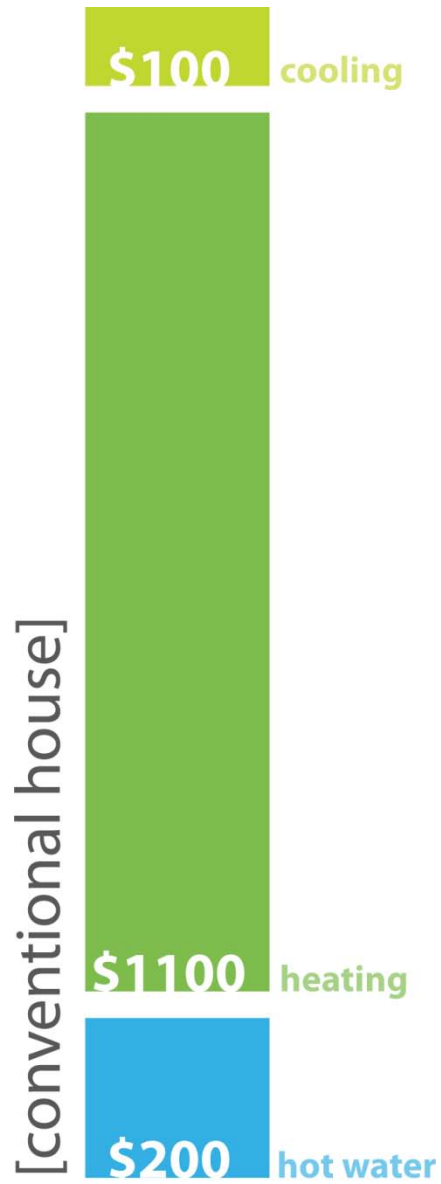


GEOS Houses are 85% More Energy Efficient

Cost per year



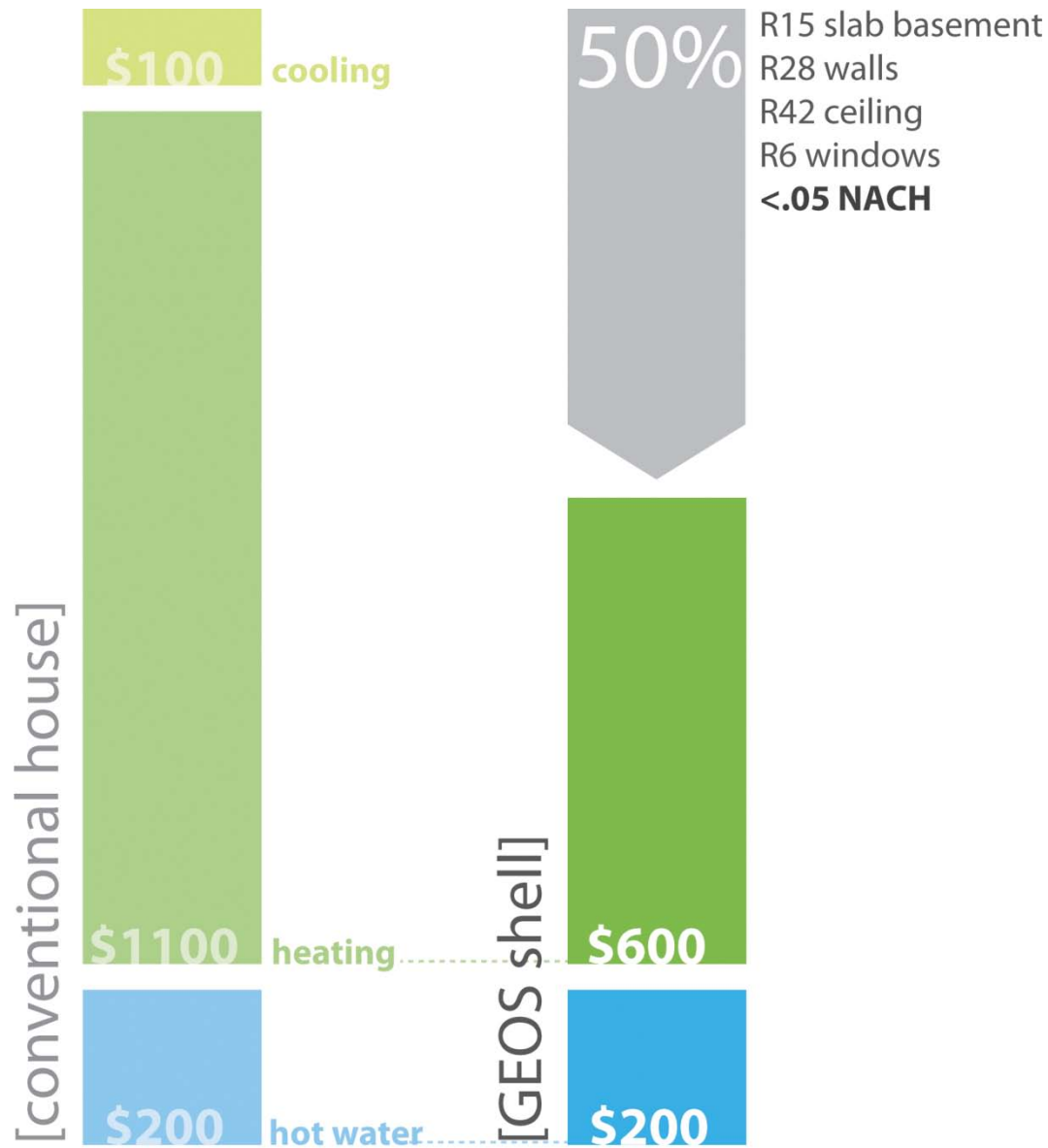


Heating and Cooling EE homes

	Heat	Cool
Peak load in kbtu/h	15-20	8-10
Annual load in kbtu/year	21,000	5,000
in kWh/year	2,000	250

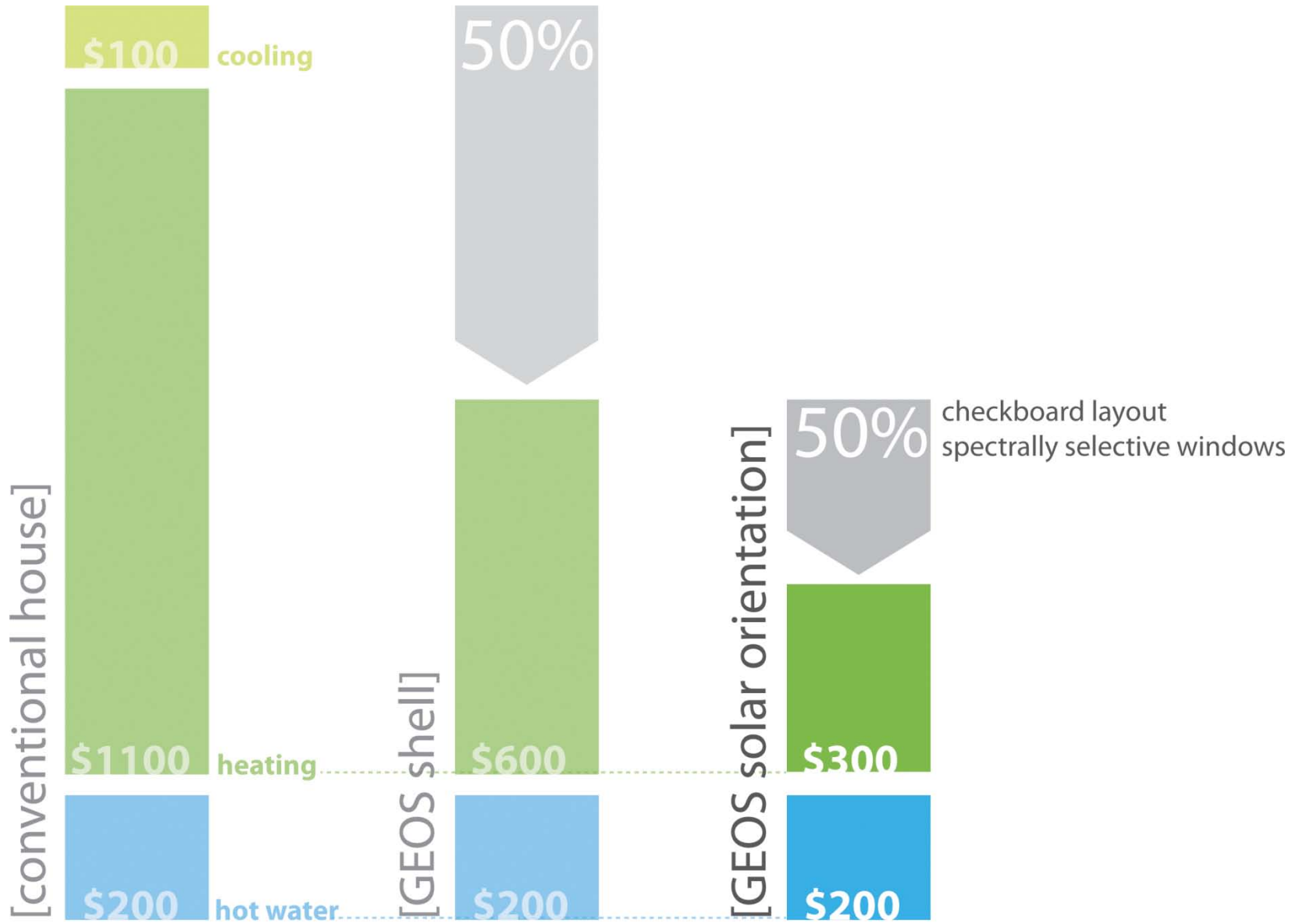
GEOS Houses are 80% More Energy Efficient

Cost per year



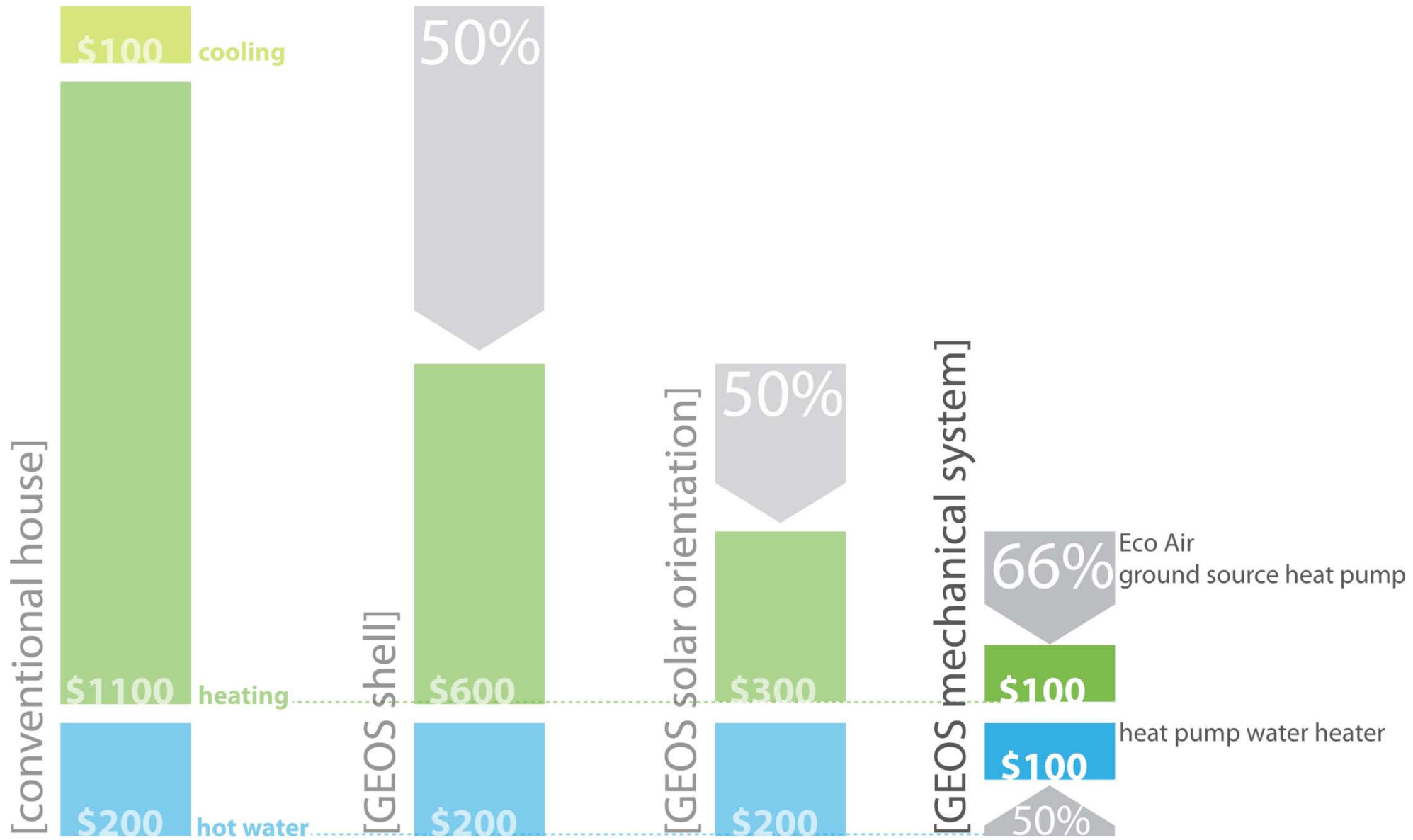
GEOS Houses are 80% More Energy Efficient

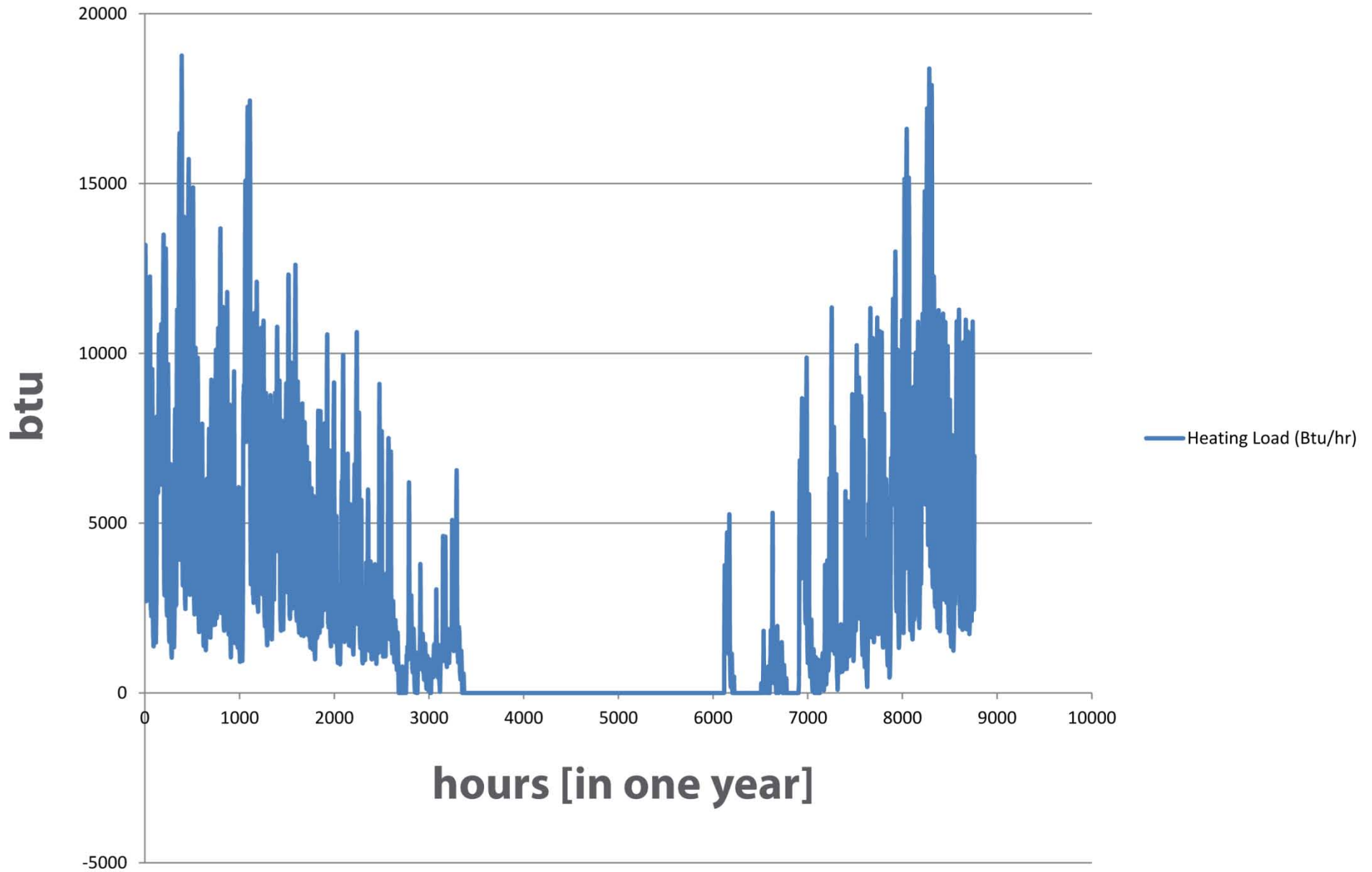
Cost per year



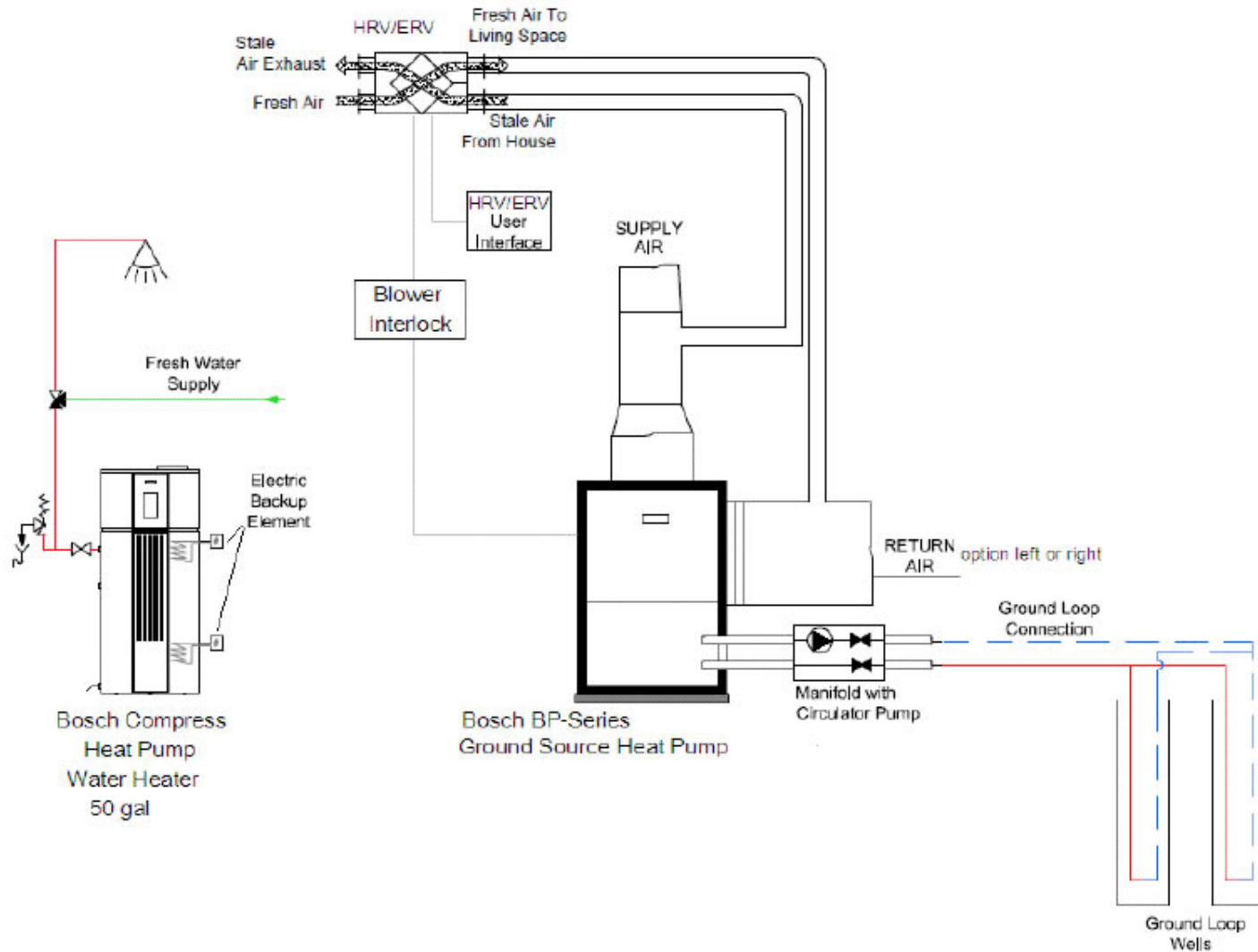
GEOS Houses are 80% More Energy Efficient

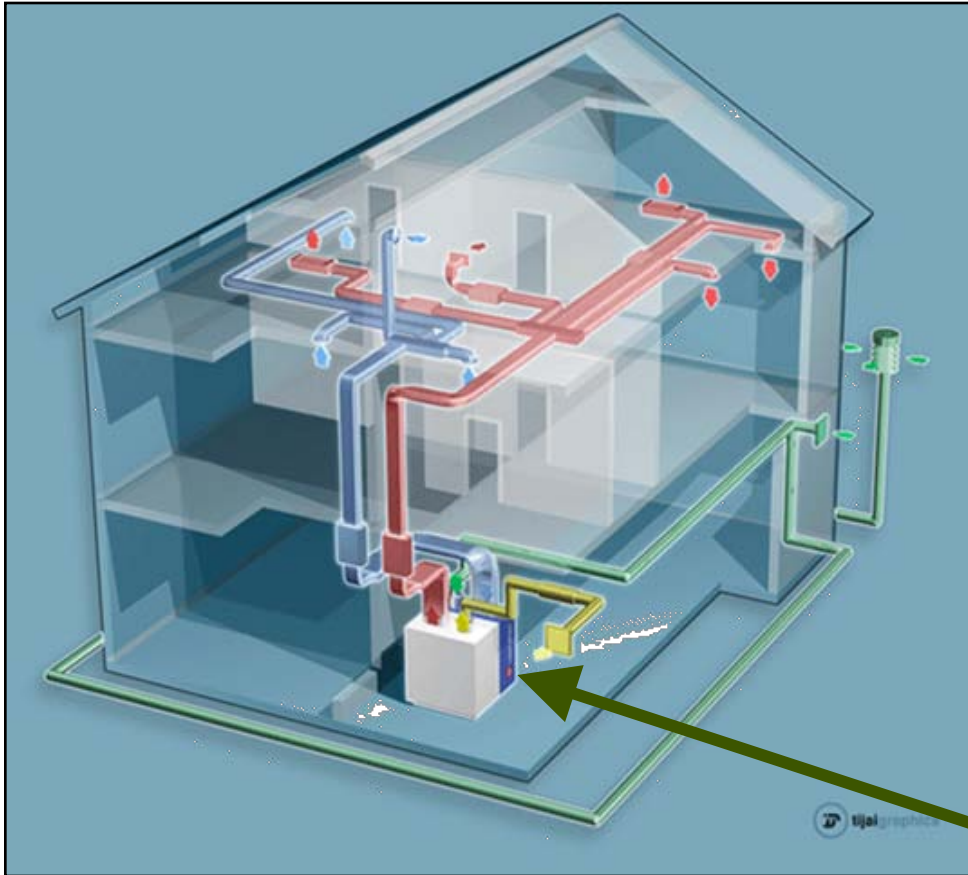
Cost per year



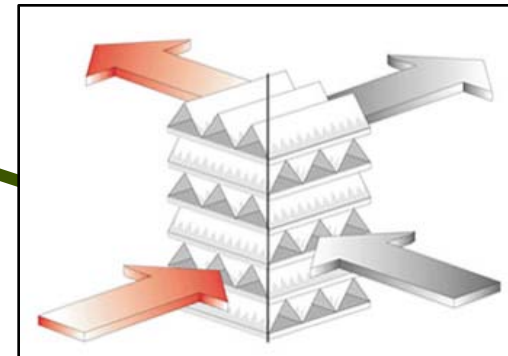


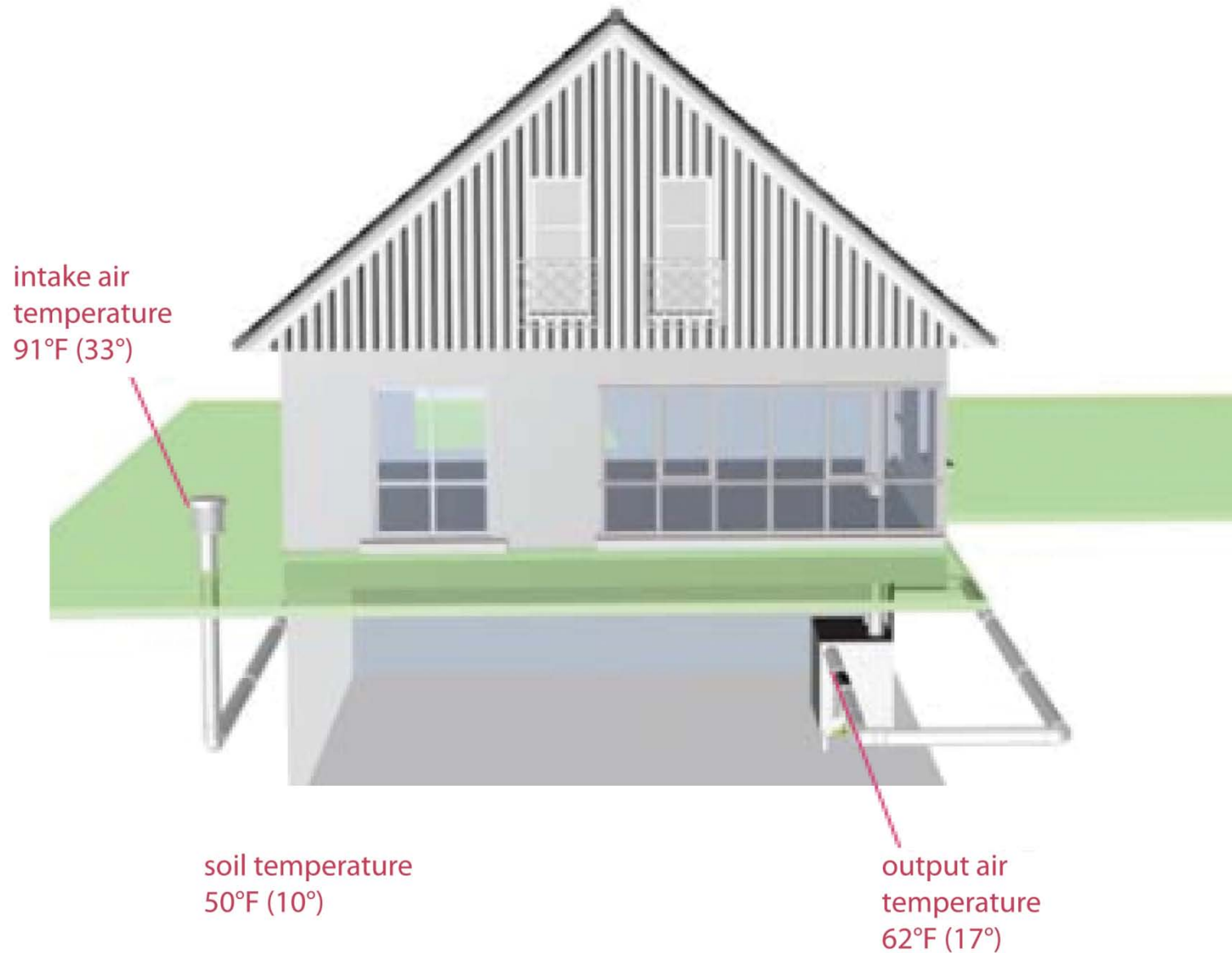
System for Ventilating, Heating, Cooling, and Hot Water



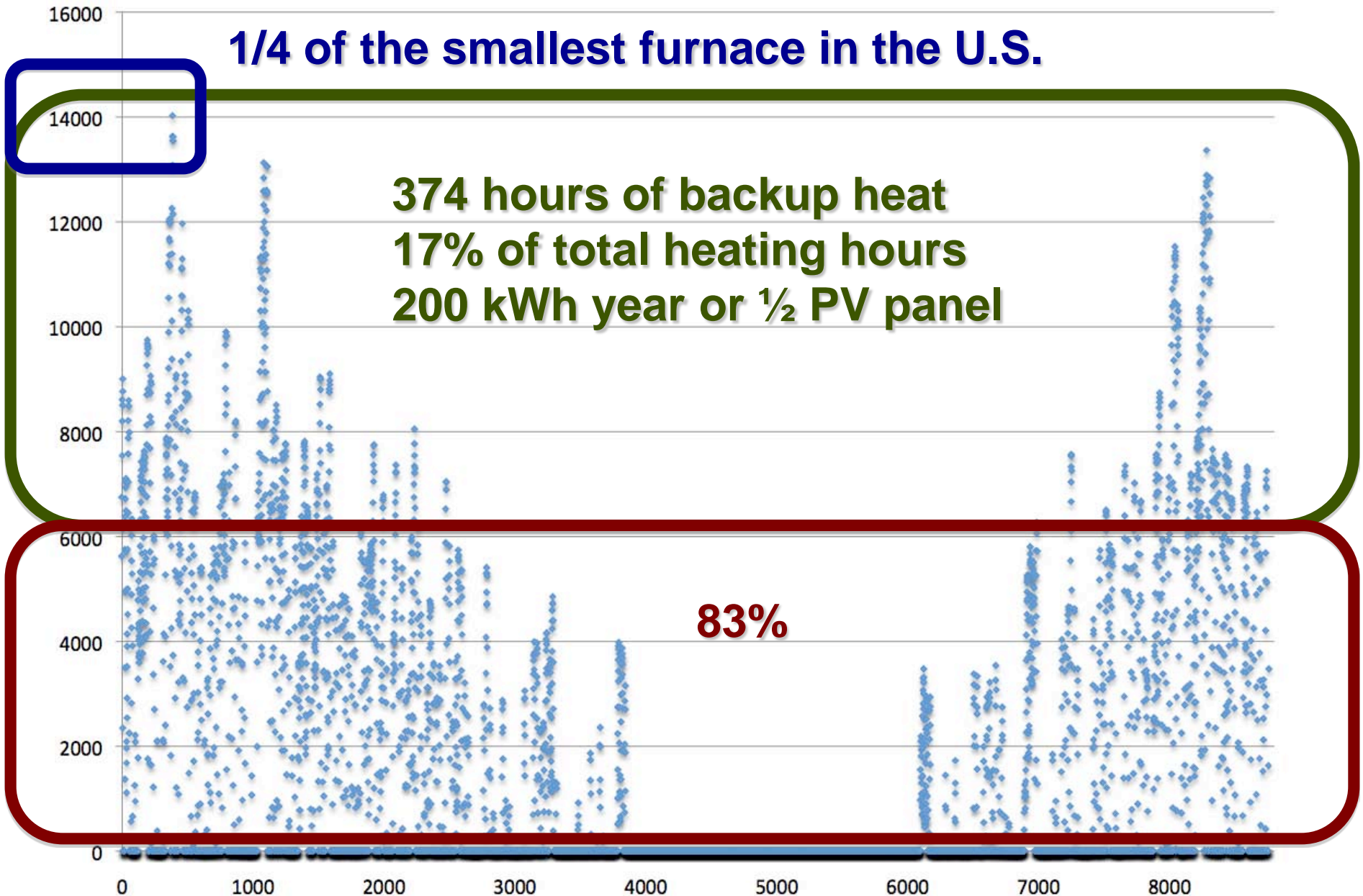


- Constant filtered fresh air
- Pre-treated by Earth Tubes
- Heating/cooling distribution
- Extracts 96% of exhaust heat
- Low maintenance
- Very low noise

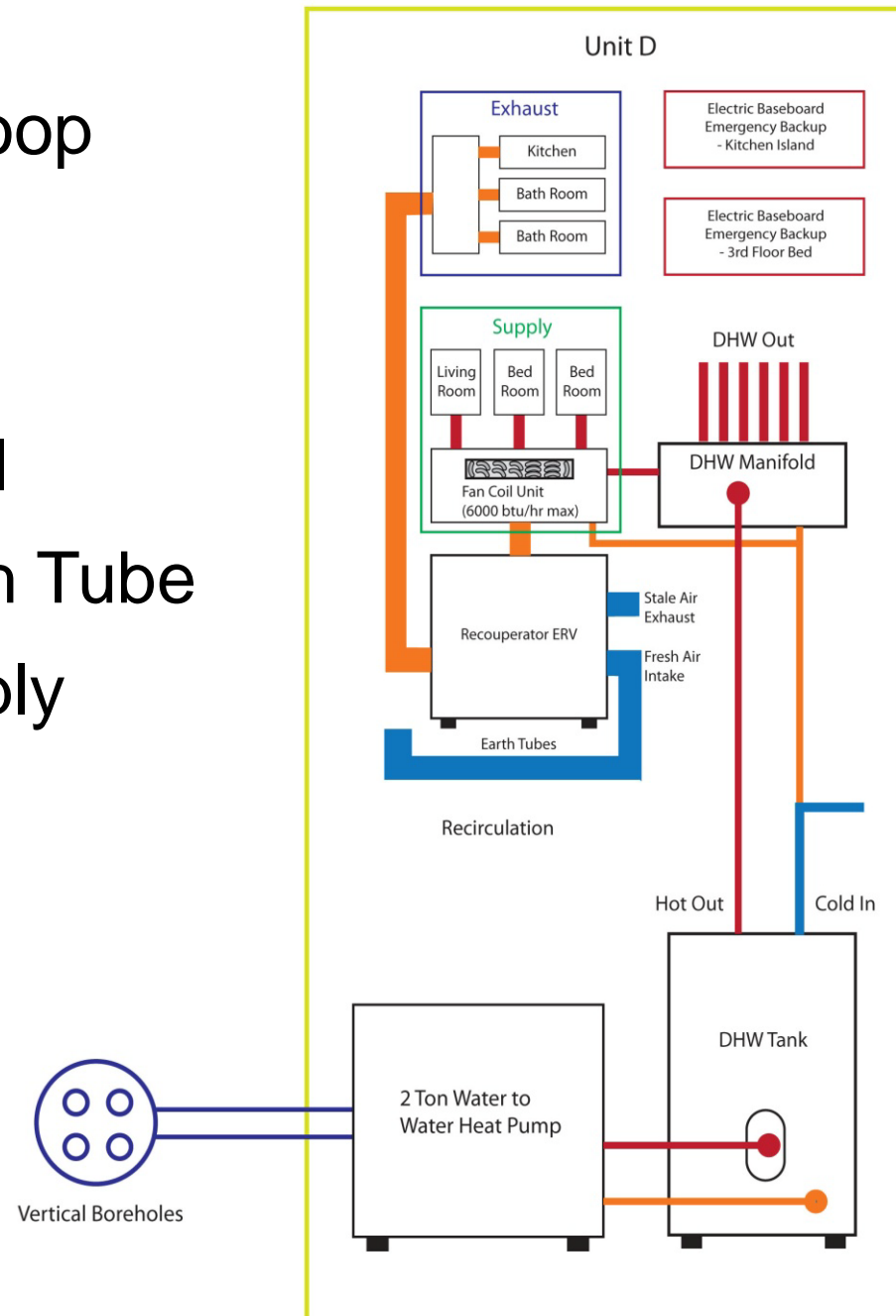


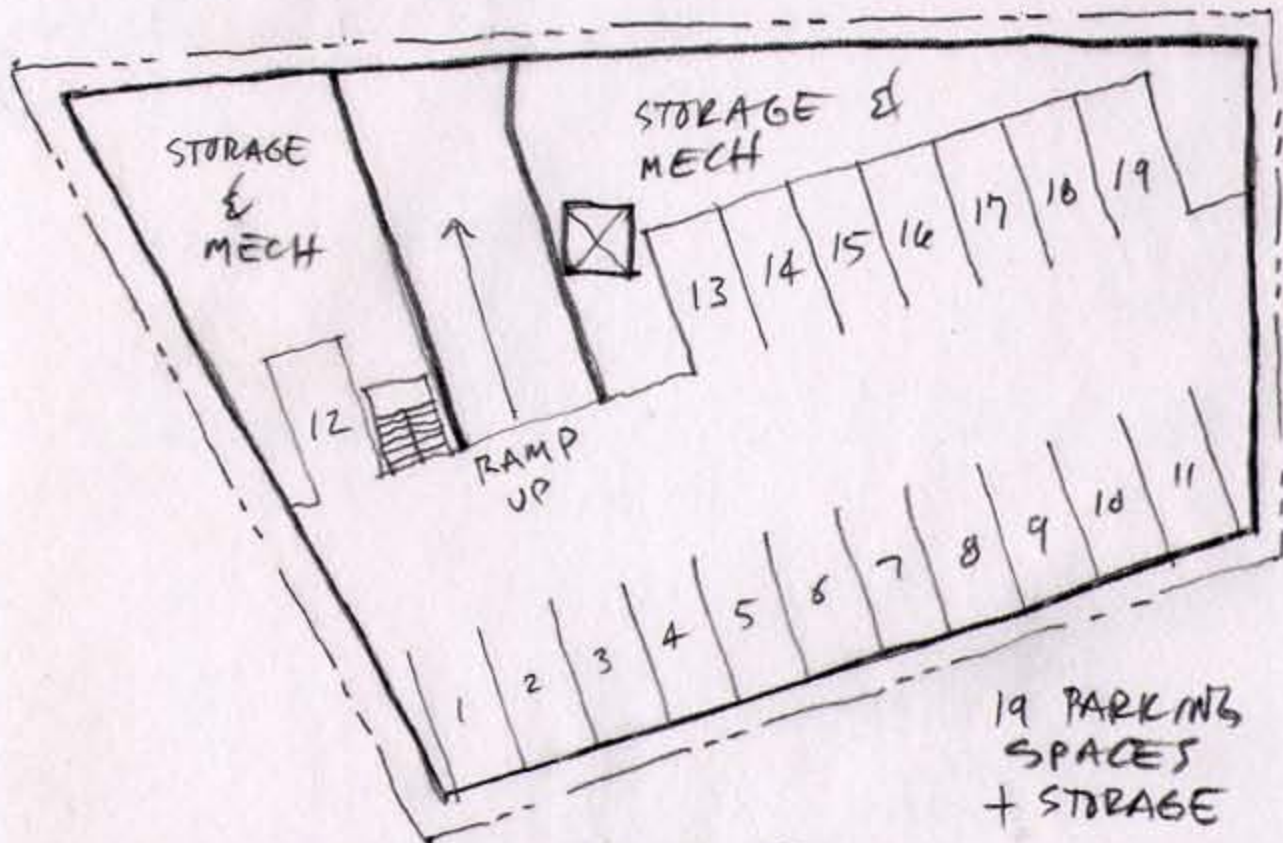


Hourly Space Heating Load (Btu)

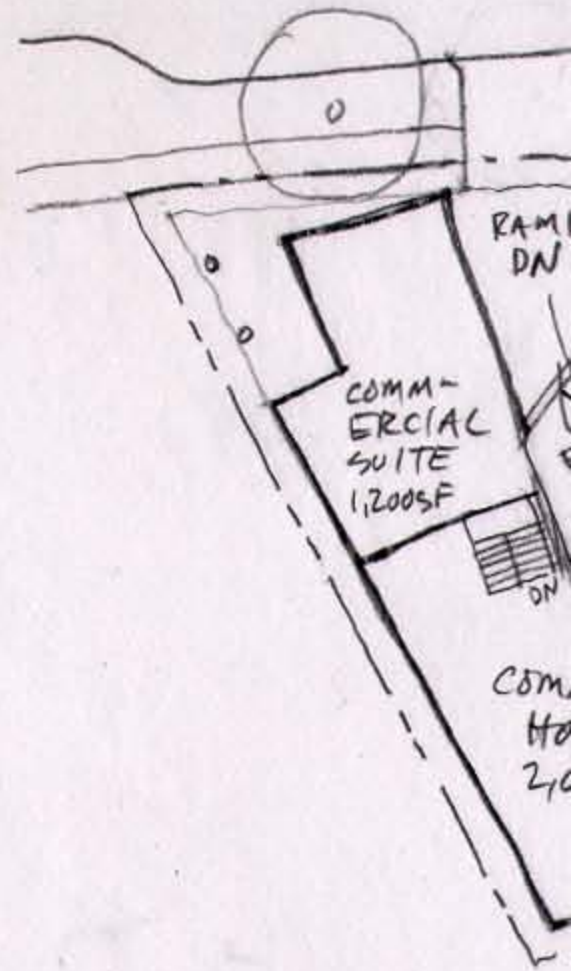


- Ground Source Loop
- Heat Pump
- Hot Water Tank
- ERV with Fan Coil
- Fresh Air via Earth Tube
- Low Velocity Supply

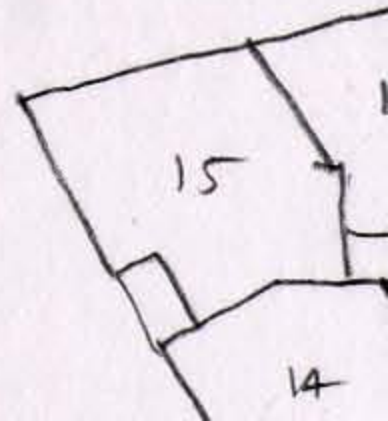
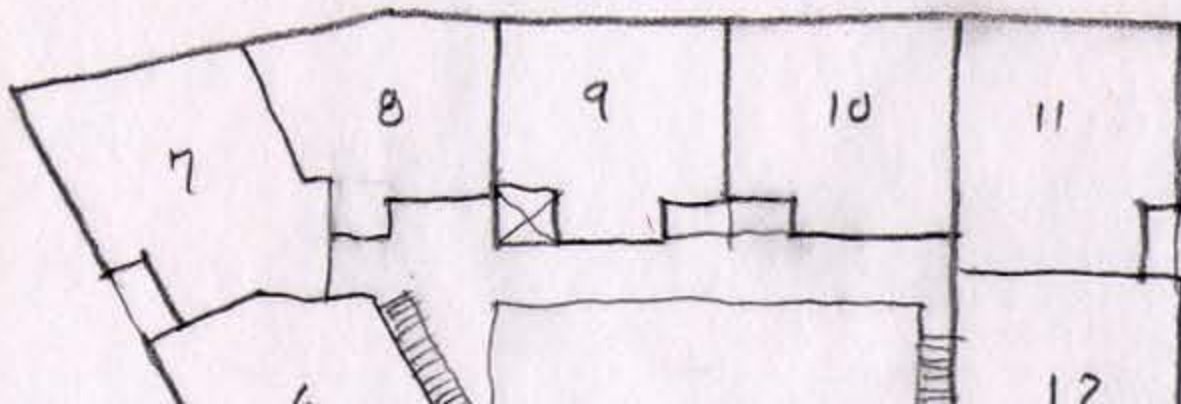


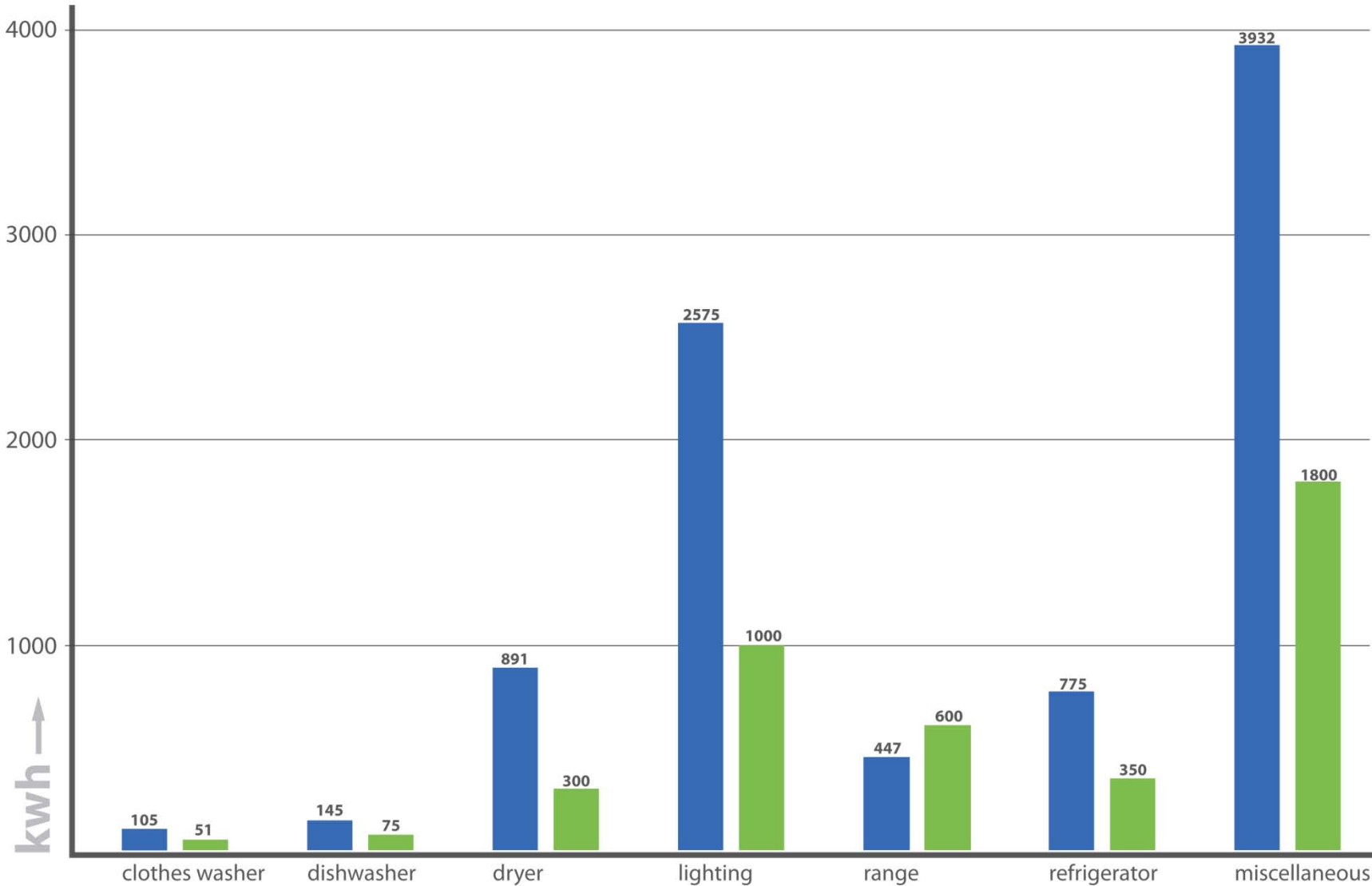


UNDERGROUND PARKING



GROUND LEVEL





conventional house total: **8,890 kWh**

GEOS house total: **4,200 kWh**

Net-Zero Energy Homes That Are Cash Flow Positive

Reduced utility payments plus tax savings offset increased mortgage costs



SHELL	\$15,000
MECH.	\$10,000
APPLIANCE	\$5,000
SOLAR	\$15,000

\$45,000 INCREMENTAL IMPROVEMENTS

=



\$200 INCREMENTAL MONTHLY MORTGAGE



\$190 SAVED ENERGY COSTS



\$40 TAX SAVINGS



System for Ventilating, Heating, Cooling, and Hot Water

