

ICF Concrete Home Heating & Cooling Costs Summary

Residential Home	4505 176 th Ave NE, Ham Lake, MN 55304	
Builder	Imperial Homes, Inc. Shoreview, MN 55126 651-490-9792	
ICF Contractor	ICF Technologies, Inc Anoka, MN 55303 763-421-9584	
Year Built	2003	
ICF System Used	Nudura ICF's 6"	
ICF Distributor	Brock White Company	
Size of Home	1850 square feet rambler, slab on grade, 2 bedrooms, 2 baths, plus three-stall garage, 9' ceilings throughout	
Windows	ThermoTech Vinyl Windows	
Heating System	Wirsbo In Floor Heating, Peerless Pinnacle Boiler	
Air Conditioner	30,000 BTU York, with York Air Handler, Transient Cooling System	
HVAC Contractor	WestAir Hanover, MN 55341 763-498-8071	

Natural Gas Usage – Xcel Energy

Hot water in-floor heat for house and garage, personal hot water usage, Gas Fireplace

		Avg. \$ per day	Avg. Temp
Heating Season:	Nov–April, 2003-04	\$ 3.07	25.35
Non-Htg Season:	May-Oct, 2004	\$.75	
Heating Season:	Nov–April, 2004-05	\$ 3.02	31.60
Non-Htg Season:	May-Oct, 2005	\$.84	
Heating Season:	Nov–April, 2005-06	\$ 3.56	26.83
Non-Htg Season:	May-Oct, 2006	\$.84	
Heating Season:	Nov–April, 2006-07	\$ 3.35	32.93
Non-Htg Season:	May-Oct, 2007	\$ 1.03	

Running Average per day costs for 4 full years gas usage \$2.03 per day

Electric Usage – Connexus Energy

Lights, Air Conditioning, Air-to-Air Exchanger, Elec. Dryer & Range, Etc.

		Avg. \$ per day	Avg. Temp
Non-Cooling Season:	Nov–April, 2003-04	\$ 1.14	
Cooling Season:	May-Oct, 2004	\$ 1.38	63.27
Non-Cooling Season:	Nov–April, 2004-05	\$ 1.37	
Cooling Season:	May-Oct, 2005	\$ 1.65	64.96
Non-Cooling Season:	Nov–April, 2005-06	\$ 1.44	
Cooling Season:	May-Oct, 2006	\$ 2.07	65.65
Non-Cooling Season:	Nov–April, 2006-07	\$ 1.88	
Cooling Season:	May-Oct, 2007	\$ 2.13	66.03

Running Average per day costs for 4 full years electric usage \$1.60 per day

Thermostat setting in Summer	74 degrees
Thermostat setting in Winter	68 degrees
Thermostat setting in Garage in Winter	55 degrees