

A	Baseline Model Results (Includes GE Geospring 50 Gallon, R-60 Attic)
B	w/ R-70 Attic
C	R60 Attic, 5K Solar Array
D	R70 Attic, 5K Solar Array
E	R60 Attic, 7.5K Solar Array
F	R70 Attic, 7.5K Solar Array

Preliminary Results 62 Brophy Rd.	A	B	C	D	E	F
Programs						
V 3.0 ENERGY STAR	Passes	Passes	Passes	Passes	Passes	Passes
DOE Challenge	Passes	Passes	Passes	Passes	Passes	Passes
HERS Index	36	35	12	12	0	-1
NY HERS Score	92.8	93	97.6	97.6	100	100.2
Code						
IECC 2012 Energy Code	Passes	Passes	Passes	Passes	Passes	Passes
IECC 2009 Energy Code	Passes	Passes	Passes	Passes	Passes	Passes
ECCCNYS-2010	Passes	Passes	Passes	Passes	Passes	Passes
Design Loads (kBtu/hr)						
Heating	12.5	12.2	12.5	12.2	12.5	12.2
Cooling	7.7	7.5	7.7	7.5	7.7	7.5
Annual Loads (MMBtu/yr)						
Heating	16.2	15.6	16.2	15.6	16.2	15.6
Cooling	6.5	6.5	6.5	6.5	6.5	6.5
Water Heating	14.4	14.4	14.4	14.4	14.4	14.4
Annual Consumption (MMMBtu/yr)						
Heating	8.7	8.4	8.7	8.4	8.7	8.4
Cooling	1.2	1.2	1.2	1.2	1.2	1.2
Water Heating	5.5	5.5	5.5	5.5	5.5	5.5
Lights & Appliances	17.1	17.1	17.1	17.1	17.1	17.1
Photovoltaics	0	0	-21.4	-21.4	-32.6	-32.6
Total	32.6	32.3	11.2	10.9	0	-0.3
Annual Energy Costs (\$/yr)						
Heating	482	467	482	467	482	467
Cooling	69	69	69	69	69	69
Water Heating	308	308	308	308	308	308
Lights & Appliances	954	954	954	954	954	954
Photovoltaics	0	0	-1193	-1193	-1813	-1813
Total	1813	1797	620	604	-1	-16