Geothermal & High Efficiency Heat Pump Application Form

Buyer(s):		**Builder:**	
Current Address:		SS# or Fed. I.D.:	
City, State, Zip		Address:	
Home Phone:	E-mail:	City, State, Zip:	
Project Address:		Phone Number:	
City, State, Zip		Start Date:	Completion Date:

If you are building a home in the New Hampshire Electric Cooperative, Inc.'s service territory or converting an existing heating system, you may eligible for up to $4,000 in incentives, plus $500 (Geothermal only) for all duct work being installed in conditioned space. **Applications must be received prior to construction of home and the installation of any Geothermal or HEHP equipment.**

WHAT YOU NEED TO DO:

1. **SUBMIT PLANS and Application** – ***New Construction***, submit plans along with this completed application form to Chris Johnson NHEC, 579 Tenney Mountain Highway, Plymouth, NH 03264. Please note, the attached "Building Information" form must be completed for plans review. Plans review and site inspection fee of $350 will be paid for out of the incentive. There is no upfront cost to the member.

2. **PLANS REVIEW** – The Program Coordinator will review the plans and/or conduct the energy rating analysis. If the home does not already meet HERS Rating standards (80), upgrade options will be presented in consultation with the builder, buyer and/or owner.

3. **SITE VISITS** – The Program Coordinator will conduct **required** site visits necessary for certification. There are typically two site visits conducted: after insulation / before drywall and when the home is complete (mechanical systems are operating). The purpose of site visits is to verify that the home is built to the agreed specification.

4. **FINAL RATING** – Upon completion of the site visits, a Home Energy Rating is delivered to the applicant and incentive funds will be issued.

Building Information

Please fill in the following information and submit with full-sized copies of the building plans, including:

☐ Plans: foundation, floor and site plan indicating building compass orientation

☐ Elevations indicating grade level for all sides of the building.

☐ Sections to clarify any cathedral/vaulted ceiling, floor level, and wall assembly details.

☐ Complete window schedule with rough opening dimensions. Indicate on plans all window sizes and U-value.

(Please complete Building Information data sheet)

SECTION I: Insulation Specifications

Insulation Location	Insulation Thickness	Insulation R-Value	Insulation Type*	Stud/Joist Spacing (o.c.)
Flat ceilings (w/attic above)				
Sloped/cathedral ceilings				
Exterior frame walls				
Rim/Band joists				
Floor over unconditioned basement				
Floor over garage				
Cantilevered floor				
Foundation walls				
Basement frame/walkout walls				
Under-slab insulation				Ins. Width (feet)
Slab perimeter insulation				Ins. Depth (inches)

*If foam insulation is used, specify type such as: isocyanurate, expanded or extruded polystyrene, etc.

SECTION II: Door and Window Specifications

Exterior Doors	☐ Insulated Steel	☐ Fiberglass	☐ Wood	☐ Other	☐ Storm

Windows	Manufacturer	NFRC whole-unit U-Value	NFRC SHGC

SECTION III: Mechanical Specifications

Heating Equipment	☐ Gas	☐ Oil	☐ GeoExchange ☐ Open loop / ☐ Closed loop	☐ Other
	☐ Warm air	☐ Hot water baseboard	☐ Radiant floor	☐ Other
	Manufacturer		Model number	
	Rated output capacity (Btu/hr or tons)		AFUE or COP rating	

Cooling Equipment	☐ Central A/C	☐ Low E
	Manufacturer	Model number
	Rated output capacity (Btu/hr or tons)	SEER

Water Heater	☐ Gas	☐ Oil	☐ GeoExchange ☐ Desuperheater ☐ Dedicated	☐ Electric
	☐ Stand alone	☐ Indirect fired	☐ Tankless coil	☐ Instantaneous
	Manufacturer		Model number	
	Rated output capacity (Btu/hr or tons)		Energy Factor (EF)	

Ventilation System	☐ Exhaust-only (rated for continuous operation)	☐ Heat Recovery Ventilator
	Manufacturer	Model number

General	☐ Conditioned basement	☐ Ducts in unconditioned space. Specify location:
Renewable Energy Sources	Solar Hot Water, Photovoltaics, Wind	

I have read NHEC's Geothermal & High Efficiency Heat Pump Program Regulations, The Recommended/Required Guidelines, The Thermal Bypass Checklist and understand these rules as they apply to my project potentially receiving an incentive.

Applicant Signature	Date