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, or johnsonc@nhec.com. 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