



Geothermal Heat Pump Application Form

| | | | |
|------------------|-------------|-------------------|------------------|
| Buyer(s): | | Builder: | |
| Current Address: | | SS# or Fed. I.D.: | |
| City, State, Zip | | Address: | |
| Home Phone: | Work Phone: | 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 for all duct work being installed in conditioned space. **Applications must be received prior to construction of home and the installation of any Geothermal 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. 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. **CONVERSION or GEOTHERMAL HEAT PUMP REPLACEMENT** – Submit application and contact Chris Johnson at (603) 536-8672 to schedule an onsite evaluation. A \$350 deposit is required with the application payable to NHEC.
3. **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 (70), upgrade options will be presented in consultation with the builder, buyer and/or owner.
4. **SITE VISITS** – The Program Coordinator will conduct **required** site visits necessary for certification. These 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.
5. **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 or include reference labels from window schedule.

(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 | Clear | Low E | Argon filled | | |
| | Wood frame | Vinyl Frame | Other | | |
| | Manufacturer | NFRC whole-unit U-Value | NFRC whole-unit 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: |
|----------------|----------------------|---|
| | | |

I have read NHEC's Geothermal Rebate rules (under separate cover) and understand these rules as they apply to my potentially receiving an incentive.

| | |
|---------------------|------|
| Applicant Signature | Date |
|---------------------|------|