

2007-2008 Geothermal Program Regulations (NEW Construction Only)

In order to align NHEC's Program with the new EPA ENERGY STAR® Guidelines effective 7/1/07, the following will be required in order to qualify for incentives. This is not intended to place undue burden or expense, but will Ensure better performance from the building shell and heating/cooling equipment and reduce energy expenses.

The home must meet EPA ENERGY STAR Standards and IECC Thermal envelope requirements. An approved copy of **NH State Energy Code Compliance Application** must be submitted with program application. For information and application go to www.puc.state.nh.us .

ENERGY STAR/ NHEC Program Requirements:

- Home must meet all conditions of the EPA's Thermal Bypass checklist www.energystar.gov
- The Geothermal Equipment must be ENERGY STAR Qualified. Programmable thermostats must have adaptive recovery technology.
- Windows must have U-Factor of 0.35 or less.

Air Distribution Systems – Duct work is subject to pressure testing. Joints and seams of all duct work in unconditioned areas must be sealed with mastic or other approved material and insulated to R-8. Any system not meeting these requirements will be subject to a re-inspection fee to be deducted from program incentives. **Incentive (\$ 500) available for all duct work being located in conditioned space.**

ENERGY STAR Program rebates may also be available for lighting fixtures, ventilation equipment and appliances (refrigerator, dishwasher and washing machine). Products must be ENERGY STAR qualified.

One exhaust fan rated for continuous operation, 1.5 sones or less with a timer is **required.**

Information required prior to processing of rebates:

Well information - # of wells, depth, loop flow (gpm) and a commissioning report from engineer or installer showing the tested COP.

Manufactured or Modular Homes:

The Company must be registered as an EPA Energy Star Partner.

A completed ENERGY STAR installation checklist must be submitted with application and list contact information for 3rd party verification company.