

2020 Vermont Owner/Builder Disclosure Statement

This disclosure statement is for projects started on or after September 1, 2020. This home does not meet the technical requirements of the Vermont Residential Building Energy Standards (RBES) and is not required to do so.

For additions, alterations, renovations or repairs, only fill out applicable portions of certificate.

Property Address (Street, City, ZIP Code) _____

Construction START Date _____

Construction FINISH Date _____

Act 250 (Y/N) _____

Act 250 Permit # _____

Units _____ # Stories _____ # Conditioned Sq. Ft. _____ # Bedrooms _____

Foundation: ☐ Basement ☐ Slab On Grade ☐ Crawl Space ☐ Other: _____

Applicable Code: ☐ Base ☐ Stretch

Project Description

- ☐ Single family ☐ Renovation / alteration *
- ☐ Multi-family ☐ Addition *
- ☐ Log home ☐ Repair *

* Existing Home Project Description: _____

Compliance Method

MUST select Option 1, Option 2, or Option 3

☐ Option 1: Package-Plus-Points

BASE / STRETCH (circle one) Points required: _____ (Base requires 4-10pts / Stretch 6-12pts, see Handbook Tables 5-2 and 5-5)

Package # _____

Points achieved: _____

Ref. RBES for full requirements of each point option

☐ Option 2: REScheck software

(cannot be used for Stretch Code)

_____ UA result

☐ Option 3: HERS/ERI

_____ HERS Result (Overall)

_____ HERS without Renewables

_____ REM/Rate Version #

☐ IAF incorporated into model

Approved Rater Name: _____

(Maximum HERS: 61 Base, 54 Stretch)

- ☐ Envelope: Slab, R-10 under all (1pt) ☐ ACH50 $\leq$ 2.0 and qualifying HRV/ERV (3pts for Base OR 1pt for Stretch)
- ☐ Envelope: Walls-Upgraded, R20+12 (2pts) ☐ ACH50 $\leq$ 1.0 and qualifying HRV/ERV (4pts) ☐ Solar ready (1pt, Base only†)
- ☐ Envelope: Walls-High-R, R-40 (3pts) ☐ ENERGY STAR DHW (1pt) ☐ On-site generation (1-4pts)
- ☐ Envelope: Ceiling, R-80 flat / 60 sloped (1pt) ☐ ENERGY STAR electric DHW (2pts) _____ kW _____ pts
- ☐ Envelope: Windows 0.27 (1pt, Base only) ☐ Low flow fixtures (1pt) ☐ Solar hot water (2pts)
- ☐ Envelope: Windows 0.22 (2pts) ☐ Drain water heat recovery (1pt) ☐ Building energy monitoring (1pt)
- ☐ Pre-drywall blower door (1pt), result _____ ☐ User-demand hot water recirculation (1pt) ☐ Level 2 EV-ready (1pt)
- ☐ ENERGY STAR heating and cooling (1pt) ☐ Water certification (2pts) ☐ 6 kWh battery backup (1pt)
- ☐ Advanced heating and cooling (3pts) List cert. type _____ †See RBES for MF exception

Thermal Envelope

Basement: R-_____ Basement / Crawl Space Walls _____ Basement Insulation Depth (ft) U-_____ Basement Windows ☐ NFRC ☐ Default

Slab: R-_____ Unheated Slab (Under) R-_____ Heated Slab (Under) R-_____ Perimeter Slab Edge

Wall/Ceiling: R-_____ Above-Grade Walls R-_____ Flat Ceilings _____ Area (sq ft) R-_____ Sloped Ceilings _____ Area (sq ft)

Other: R-_____ Floors over Unheated Spaces R-_____ Attic Access Hatch / Door ☐ NA

Fenestration U-_____ Windows ☐ NFRC ☐ Default U-_____ Doors ☐ NFRC ☐ Default U-_____ Skylights ☐ NFRC ☐ Default

Air Sealing / Blower Door Test

(must report either ACH50 _____ ACH50 _____ CFM50/sq ft of building shell (6 sides)

or CFM50/sq ft for Base Code) Both measurements are required for Stretch Code

Date of test _____

Air Leakage Tester Name: _____

Ventilation System

(must select one) ☐ Balanced, SRE _____ % Flow verification: ☐ Rated, OR ☐ Measured $\rightarrow$ _____ Exhaust air flow (total cfm) _____ Supply air flow (total cfm)

☐ Exhaust-Only

Flow verification: ☐ Rated, OR ☐ Measured $\rightarrow$ _____ Exhaust air flow (total cfm)

Combustion Safety

(verify all) ☐ Exterior (outdoor) air supply is provided for solid fuel-burning appliances and fireplaces, OR ☐ NA (no solid fuel burning appliance or fireplace in home)

☐ Solid fuel burning appliances and fireplaces have gasketed doors with compression closure, OR ☐ NA (no solid fuel burning appliance or fireplace in home)

☐ Spillage testing conducted on combustion equipment not directly-vented, OR ☐ NA (no equipment, or all equipment directly-vented)

Mechanical System

(must complete all) Design Load Calculation Method: ☐ ACCA Manual J, OR ☐ Other Approved Method (List) _____

Calculation details: (Ref. RBES R302 for design temperature exceptions)

_____ Winter design temp, outdoor dry-bulb (VT range: -11 to 1°F) _____ Summer design temp, outdoor dry-bulb (typ. max. 84°F), OR ☐ No cooling

_____ Winter design temp, indoor (max 72°F) _____ Summer design temp, indoor (min. 75°F), OR ☐ No cooling

_____ Heating design load, Btu/hr _____ Cooling design load, Btu/hr, OR ☐ No cooling

_____ Primary heating system size, Btu/hr _____ Primary cooling system size, Btu/hr, OR ☐ No cooling

_____ HSPF or COP or AFUE (circle which) _____ SEER or COP (circle which), OR ☐ No cooling

☐ Programmable thermostat, OR ☐ Exempt; list reason _____

Ducts

☐ Ducts located completely within conditioned space, OR ☐ NA (no ducts)

_____ Duct airtightness test result (CFM @ 25 Pa)

Test performed at ☐ Rough-in (max 3 CFM per 100 sq ft of cond. floor area), OR ☐ Post-construction (max 4 CFM per 100 sq ft of cond. floor area)

Other Requirements

Mandatory (Base and Stretch): ☐ Mechanical system piping, min. R-3 ☐ Multi-family: EV charging requirement is met: _____ # spaces

☐ 90% of lamps high efficacy ☐ Automatic or gravity dampers for vent. system intake and exhaust

Mandatory (Stretch Code Only): ☐ Single-family: Solar ready ☐ Single-family: One Level 1 EV-charging space

Where applicable: ☐ Circulating service hot water piping, R-3 ☐ Pools: All requirements per R403.10 are met ☐ Automatic controls for snow-melt systems

I certify that the above information is correct and that the premises listed **HAVE NOT been constructed in accordance** with the Vermont Residential Building Standards (RBES) created under 30 V.S.A. § 51.

Signature: _____ Date: _____

Printed Name: _____ Phone: _____

For Owner/Builder Projects, 30 V.S.A. § 51 requires sellers to provide this statement to prospective buyers, prior to entering a binding purchase and sale agreement. This statement itemizes how the home DOES NOT comply with Vermont RBES. Seller must send copies within 30 days following the sale of the property to 1) the Dept. of Public Service, 112 State St., Montpelier, VT 05602, and 2) the town clerk of the town where the property is located. This label does not specify all 2020 RBES requirements.

QUESTIONS? CALL the Energy Code Assistance Center at 855-887-0673 or the VT PUBLIC SERVICE DEPARTMENT at 802-828-2811.