

UBC REAP 3.1 INTERPRETATIONS

FEBRUARY 7TH, 2020

PROCESS OVERVIEW

- Project teams can submit interpretation questions by email
- Interpretations that effect all projects will be published at: https://planning.ubc.ca/sites/default/files/2020-02/REAP_UBC_REAP3.1_Interpretations.pdf
- Interpretations will provide guidance for credit submissions in order to meet the credit intent and policy goals.
- Interpretations will not contain any significant changes to REAP or to add any new requirements
- Each interpretation will undergo departmental review prior to being issued

REAP INTERPRETATIONS

Interpretation #1

EA M1 Minimum Roof Insulation

EA M2 Minimum Exterior Wall Insulation

EA M3 Minimum Floor Insulation

1. Methods used to determine R-values for credits EA M1- M3:

The Vancouver Energy Modelling guidelines do not apply to the REAP EA M1 – M3 credits. Methods used to determine R-values for these credits should be consistent with current ASHRAE 90.1 or NECB standards referenced by the BC Building Code.

2. Alternate pathway for credits EA M1- M3:

As an alternative pathway for these three credits, projects may meet a minimum building enclosure target of R5.4 for each building of the project. Use the UBC Building Enclosure R-Value Calculator to determine the building enclosure target for each building and for the overall project. Values reported in the Calculator must be determined using requirements of the BC Energy Step Code Regulation which reference the City of Vancouver Energy Modelling Guidelines, and should be the same values used for the EA – Energy Efficiency Targets credit.

Submit the completed output from the UBC Building Enclosure R-Value Calculator for the building design at Building Permit phase and the completed outputs from the UBC Building Enclosure R-Value Calculator for the as-built design at Occupancy Permitting phase, and a letter signed by the Mechanical Engineer declaring that the submitted building enclosure R-values have been achieved in the “as built design”.