

# Step Code Update

## Proposed Work – Fall 2025

- Metrics Research Report update
- Proposed Code Changes
  - Small homes in cold climates
  - Adoption of City of Vancouver Energy Modelling Guidelines
- Step Code Council Meeting - overview

# Step Code Update

## Proposed Work – Fall 2025

### Metrics Research Report Update

- Engagements with Stakeholders
- RFP to be posted October 2025
- Steering Committee
- Delivery – Spring 2026
  
- Key updates:
  - Costing:
    - Retention of a cost consultant
    - Changes to the carbon tax
    - Built experience

# Step Code Update

## Proposed Work – Fall 2025

### Metrics Research Report Update

- Modelling:
  - New version of the City of Vancouver Energy Modelling Guidelines
    - Scaling approach for small Part 3 buildings/Commercial Kitchens
  - Additional archetypes
    - Part 9 – 4 corner units
    - Single Egress Stairs
  - Refinement of energy conservation measures to be more comprehensive and more reflective of current technologies.

# Step Code Update

## Proposed Work – Fall 2025

### Proposed Code Changes

- Small Homes in Cold Climates
- MEUI changes for ground-oriented units \*looking for spring adoption\*

**Table 9.36.6.3.-H**  
**Mechanical Energy Use Intensity Requirements**  
 Forming Part of Sentence 9.36.6.3.(1)

Heating Degree-Days of Building Location <sup>(1)</sup> , in Celsius Degree-Days	Amount of the Building's Conditioned Space Served by Space-Cooling Equipment	Step	Floor Area of Conditioned Space (m <sup>2</sup> )					
			≤ 50	51 to 75	76 to 120	121 to 165	166 to 210	> 210
			Mechanical Energy Use Intensity, kWh/(m <sup>2</sup> ·year)					
Less than 3000	Not more than 50%	2	Reserved					
		3	120	100	75	63	53	50
		4	90	80	60	48	40	40
		5	65	55	40	30	25	25
	More than 50%	2	Reserved					
		3	155	128	93	73	60	55
		4	125	108	78	58	48	45
		5	100	83	58	40	33	30
3000 to 3999	Not more than 50%	2	Reserved					
		3	135	115	90	78	68	65
		4	100	90	70	58	50	50

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## Proposed Work – Fall 2025

### Proposed Code Changes

- Adoption of City of Vancouver Energy Modelling Guidelines V3
  - Engagement with Part 3 Technical Subco
  - Adoption with exclusions
    - Definitions
    - Future shifted climate files

# Step Code Update

## Proposed Work – Spring 2025

- Alterations to Existing Buildings
  - Adoption of NBC/NECB 2025 into the BC Building Code
  - Focus on energy efficiency
  - Prescriptive requirements

# Step Code Update

## Step Code Council Meeting

- September 8<sup>th</sup>
- Key Topics Discussed:
  - Step Codes and Implementation
    - What is going well and challenges
  - BCHydro Update
    - Generation and forecasting based on Step Code adoption
  - Digital Permitting