







	PART 9 Residential	PART 3 Wood Frame Residential	PART 3 Concrete Residential	PART 3 Commercial
UPPER STEPS	STEPS 4,5	STEP 4	STEPS 3,4	STEP 3
LOWER STEPS	STEPS 2,3	STEPS 2,3	STEP 2	STEP 2
STEP	STEP 1	STEP 1	STEP 1	STEP 1
BC BUILDING CODE				



Energy modeling

Air-Tightness Testing



No Prescriptive Requirements

VICTORIA

Example home 2,550ft² Single Family House

Prescriptive Requirement of Code				
Walls	R16			
Attic	R40			
Slab Insulation	None			
Foundation	R11			
Windows/Doors	1.8			
Heating	Elec Baseboard			
HRV/ERV	None (CRV)			
DHW	Code			
Air Tightness	3.5			
Base Construction Cost	\$190/sq ft (\$484,500)*			



*Data from BC Energy Step Code Metrics Research Report

Direction to Consult with Industry on Proposed Approach to BC Energy Step Code

VICTORIA











Recommended approach – Part 9 Single Family Home Garden Suite Option 1 Option 1 Step 1 Nov 2018 Step 1 Nov 2018 Step 3 Jan 2020 Step 2 Jan 2020* *there are higher cost implications for garden suites and this building typology has minimal aggregated energy use. VICTORIA Approach to BC Direction to Consu Energy Step Code



Recommendation

That Council direct staff to engage with development industry representatives on the following proposed approach to the BC Energy Step Code:

- 1. For new Part 9 buildings:
 - a. Step 1 building bylaw requirement starting in November 2018 for all new Part 9 buildings
 - b. Step 3 building bylaw requirement starting in January 2020 for all new Part 9 buildings with the exception of garden suites
 - c. Step 2 building bylaw requirement starting in January 2020 for all new garden suites
 - d. The exploration of a rebate or tiered fee structure program to support Part 9 builders to use an energy advisor, conduct a mid-construction blower-door test, and conduct a post-construction verification blowerdoor test.
- 2. For new Part 3 buildings:
 - a. Step 1 building bylaw requirement starting in November 2018b. Step 3 building bylaw requirement starting in January 2020.

Direction to Consult with Industry on Proposed Approach to BC Energy Step Code