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Notes:

BC Energy Step Code → BCBC 9.36.6

Step Code → all about energy

Kamloops → attain Step 3 by Jan 1, 2022 for Part 9 BCBC
↳ will need energy modelling + blower test

Step 1 → BCBC Compliant

2 → 10% better than ERS ref. house

3 → 20%

4 → 40% → by 2026

5 → Net zero ready (Net zero w/o solar panels
by 2032)

Mech. Eng. companies in town deal with Step Code

To get there:

air tight

efficient mechanical equipment

allowance for air conditioning - for hot climates

Solar PV, Solar DHW

Possibilities for upgrade:

better windows

wall insulation

use heat pump rather than A/C → electric not gas so more

use heat recovery ventilator expensive than furnace

exterior insulation

Net Zero homes → produces as much energy as it consumes.

- needs renewable energy systems
- energy efficient
- environmentally responsible

Net Zero homes :

- comfortable
- quieter
- great indoor air quality.
- maintain consistent indoor temperature.
- average 80% more efficient than home built to code minimum.