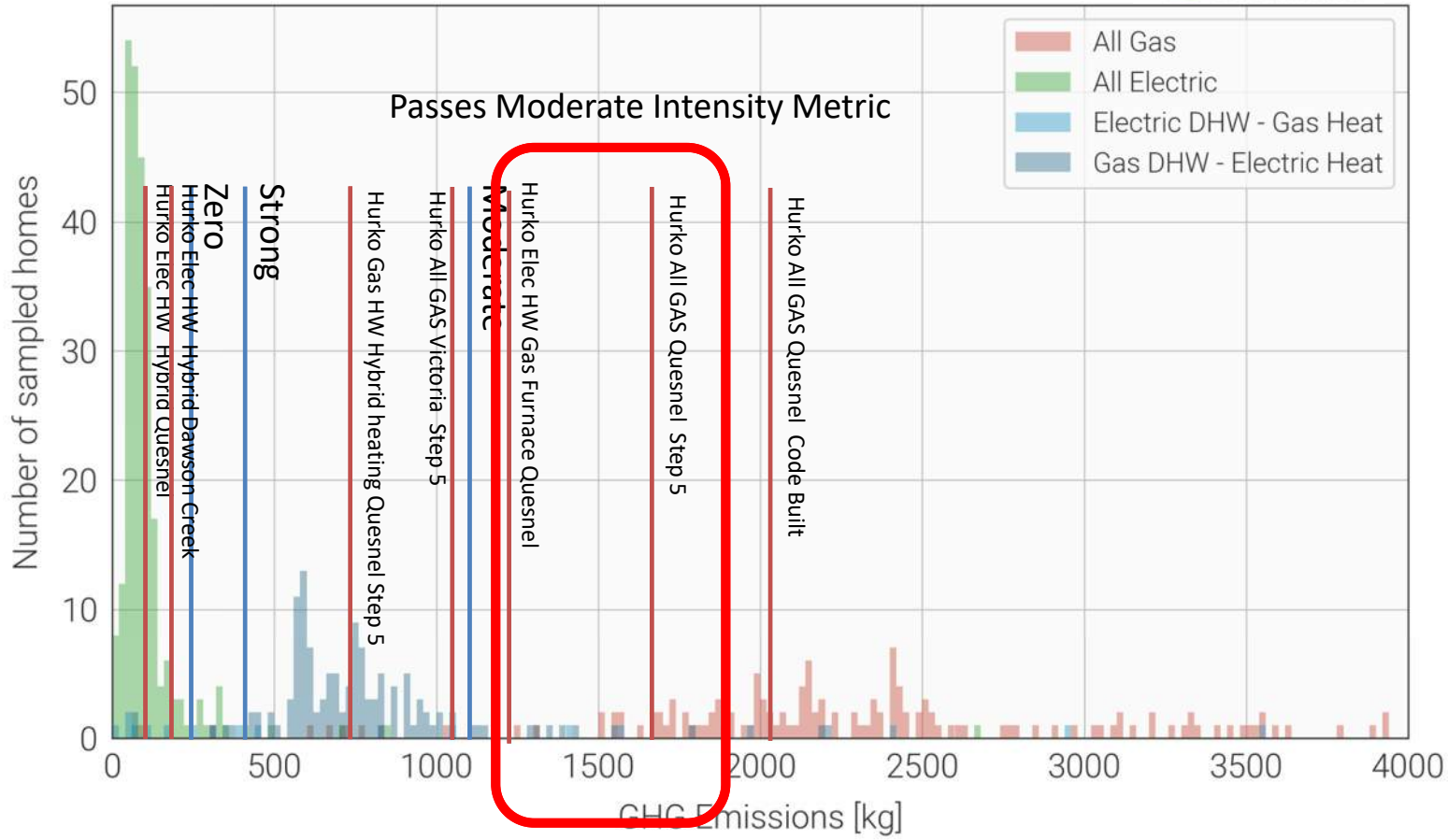


ZERO CARBON STEP CODE

HOW WORRIED SHOULD A BUILDER BE?

Spring 2023





Zero Carbon in the South

- Wide range of trades available
- Lots of suppliers with stock and spare parts
- Technology for mild climates is well tested
- In many cases Zero Carbon is the cheapest option
- Grid Reliability is high and most areas have good capacity



Zero Carbon Sells Island Examples



It Can be done in the North, and it can be done at scale

Part 9 Step 5
Zero Carbon
Norther BC

Total Build Cost under
\$350,000



ICON
HOMES LTD.



Part 3 Step 4
Zero Carbon
Affordable Rental
Norther Nova Scotia

Total Estimated Build Cost 7.5 Million



Key Considerations for the North

- **Trade Knowledge**
 - Lack of clear market direction for trades means few have taken training
 - Lack of trades leads to very high costs
 - EG Cold climate heat pump in Victoria is 20% more in Quesnel it is 100% more
- **Home owner Knowledge**
 - Home owners don't know how to operate new systems and are worried about it
 - This means it is hard for the builder to convince them to install an all electric system
- **Grid Connection Fees and reliability**
 - In many areas grid connection fees are extreme for high amp services
 - Reliability can also be poor so there is a need for alternatives.



Zero Carbon the Industry Perspective

- Some areas ready to go right now, some areas need to take it slow
- Government needs to be clear and create predictable reliable policy that allows for business to setup and thrive.
- Often called “Customer Choice” - Not really the right term.
 - We need Options and flexibility.



