

SCAP Update

The primary goal at this point is promoting options for new builds to reduce GHG emissions from residential energy systems. Essentially in accordance with the 'full intent' of Municipal Green Development Standards and Net Zero Home Certification, no fossil fuel solutions/systems. At least 23% of the Town's current carbon footprint come from residential home dwellings (See Nicole Yardy's stats). Every 'new' home built in the Town of Collingwood that is not fossil free will increase the footprint for at least 15-20 years! This shift to encouraging fossil free plans will contribute to helping achieve targets set in the Town's Community Climate Change Plan and Canada's National Climate Action Plan for 2030, 2035 and 2050. The following in italics is copied from Town of Caledon's GDS Guidebook; I thought were good reference material. I've also copied a sentence from it since it has the right words into B3.

*“Reduce contributions to climate change from new buildings by improving energy efficiency and switching to low-carbon energy sources. These actions will have co-benefits for residents and businesses, including lower energy bills, improved comfort, and better air quality.*

*To support energy conservation and conversion, the Town will maximize opportunities for implementing renewable and alternative energy systems on a site-specific or district-wide basis; encourage opportunities for conservation, energy efficiency, and demand management, such as high-performance building envelopes and ventilation systems; and encourage the shift away from natural gas in favour of renewable and alternative energy generation, including, but not limited to, low-carbon district energy heating and cooling systems, microgrids, geo-exchange systems, air-source heating and cooling pumps, anaerobic digestion, and waste heat recovery.”*

Suggested edits/additions to B2 & B3. I've tried to keep it simple and meaningful. I think you could consider expanding B3 into subsections, i.e. B3.1, B3.2, etc. and giving relevant points to each item. This would be the start of eventually achieving an expanded score card like other Municipalities.

B2 - Development which will achieve LEED, Energy Star or other similar certification or equivalent, and/or organization has “Net Zero Home Certification” from [Canadian Home Builders Association](#), [Built Green Canada](#) or similar, as determined by the Town.

B3 - Developments that incorporate green development standards or methods that contribute to the sustainability of the development such as passive solar design, climate change resilient buildings/infrastructure, and naturalized stormwater management features. More specifically plans that encourage the shift away from natural gas in favour of renewable and alternative energy generation, including, but not limited to, low-carbon district energy heating and cooling systems, microgrids, geo-exchange systems, air-source heating and cooling pumps, anaerobic digestion, and waste heat recovery.