

## Attachment 2: Jurisdictional Scan of Zoning Approaches for Low-Carbon Technologies

<p>Hamilton, ON ZBL 05-200</p>	<p><b>HVAC Zoning:</b> Hamilton zones (4.9) air conditioners and heat pumps, along with hot boxes and swimming pool pumps, as mechanical and unitary equipment. This equipment is allowed within a front yard as long as it is 3 metres from a street line, 0.6 metres from a side lot line, and is screened by an enclosure or landscaping. This equipment is allowed with a side or rear yard as long as it is a minimum of 0.6 metres from a side or rear lot line.</p> <p><b>Energy Storage Zoning:</b> Hamilton does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Hamilton does not have zoning related to solar devices.</p>
<p>Mississauga, ON</p>	<p><b>HVAC Zoning:</b> Mississauga allows (4.1.6) air conditioners devices to be located in all yards, except front yards, as long that it is a minimum of 0.61 metres from a lot line. Roof mounted devices are not allowed in most residential zones.</p> <p><b>Energy Storage Zoning:</b> Mississauga does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Mississauga does not have zoning related to solar devices.</p>
<p>Pickering, ON ZBL 8149/24</p>	<p><b>HVAC Zoning:</b> Pickering allows air conditioners (4.4) in a rear or interior side yard or on a balcony or roof as long as they are a minimum of 0.6 metres from an interior lot line. Additionally, these devices are allowed in an exterior side yard as long as they are screened by a fence. These devices are permitted in the front yard of back-to-back or stacked townhouses.</p>

	<p><b>Energy Storage Zoning:</b> Pickering does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Pickering allows rooftop panels and associated required structural equipment to exceed a maximum building height by 1.5 metres (4.13.3). Solar or shade parking structures shall not exceed a building height of 5 metres (4.2.3).</p>
<p>Brampton, ON ZBL 270-2004</p>	<p><b>HVAC Zoning:</b> Brampton does not have zoning related to HVAC devices.</p> <p><b>Energy Storage Zoning:</b> Brampton does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Brampton does not have zoning related to solar devices.</p>
<p>Richmond Hill, ON ZBL 93-25</p>	<p><b>HVAC Zoning:</b> Richmond Hill does not have zoning related to HVAC devices.</p> <p><b>Energy Storage Zoning:</b> Richmond Hil does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Richmond Hil does not have zoning related to solar devices.</p>
<p>Waterloo, ON ZBL 2018-050</p>	<p><b>HVAC Zoning:</b> Waterloo does not allow air conditioners or heat pumps to be attached or located within a front yard or flankage yard (3.A.10). These devices can be attached or located in a flankage yard for lots with single detached buildings, semi-detached buildings, freehold semi-detached buildings, and freehold townhouse buildings (3.A.10).</p>

	<p><b>Energy Storage Zoning:</b> Waterloo does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Waterloo considers solar panels detached from a building as an accessory structure and any associated regulations (3.S.3).</p>
London, ON	<p><b>HVAC Zoning:</b> London allows heat pumps and air conditioners, alongside pool mechanical equipment, to encroach into all yards by 1.5 metres as long as they are no closer than 0.9 metres from a lot line (4.27.9).</p> <p><b>Energy Storage Zoning:</b> London does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> London exempts solar collectors from any height limitations (4.9).</p>
Kingston, ON ZBL 2022-62	<p><b>HVAC Zoning:</b> Kingston considers air conditioners and heat pumps, alongside treehouses, solar and other mechanical equipment, as accessory buildings (4.1.1).</p> <p><b>Energy Storage Zoning:</b> Kingston considers air conditioners and heat pumps, alongside treehouses and other mechanical equipment, as accessory buildings (4.1.1).</p> <p><b>Solar Zoning:</b> Kingston considers air conditioners and heat pumps, alongside treehouses and other mechanical equipment, as accessory buildings (4.1.1). Additionally, roof mounted solar panels can exceed a maximum height provision by 3.5 metres.</p>

<p>Ottawa, ON ZBL 2026-50</p>	<p><b>HVAC Zoning:</b> Ottawa allows HVAC equipment to be located in all yards. Yards that abut a lot containing a residential building has a maximum encroachment of 1 metre and a minimum setback from the lot line of 0.3 metres (204.6).</p> <p><b>Energy Storage Zoning:</b> Ottawa provides a definition for energy storage devices with two different scales of device – primary and accessory. In residential zones accessory devices must be installed in accordance with the Ontario Electrical Safety Code, be enclosed within a building or structure, or mounted to the exterior of a building, outside of a Flood Plain area (213.4.b).</p> <p><b>Solar Zoning:</b> Ottawa exempts ground mounted solar from a maximum lot coverage size as long as it is located in the rear yard and the area under the device is soft landscaped (202.13.a.ii) Also, Ottawa allows solar parking canopies to be a maximum permitted height of 5 metres (202.11.a.ii).</p>
<p>Vancouver, BC ZBL 3575</p>	<p><b>HVAC Zoning:</b> Vancouver regulates the location of heat pumps through its required mechanical permit. The permit requires devices to be a minimum of 0.9 metres from a shared property lot line and to be a maximum of 1.22 metres from a building. The permit prohibits devices from interfering with parking or suite access, having condensation outlets that drain onto pathways, and obstructing any required pathway.</p> <p>Vancouver does include some zoning provisions that exempt these devices from maximum building heights requirements if the Director of Planning considers them appropriate (10.1.1.d).</p> <p><b>Energy Storage Zoning:</b> Vancouver does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Vancouver regulates solar panels through a required building permit system.</p>

	<p>Vancouver does include some zoning provisions that exempt these devices from maximum building heights requirements if the Director of Planning considers them appropriate (10.1.1.d)</p>
<p>Calgary, AB LUB 1P2007</p>	<p><b>HVAC Zoning:</b> Calgary allows air conditioning devices to encroach into side yard setbacks by a maximum of 1.0 metres (337.10) and into rear yard setbacks without any limits (338.1).</p> <p><b>Energy Storage Zoning:</b> Calgary does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Calgary allows solar collectors to only be located on a wall or roof of a building. These devices can project 1.3 metres above the maximum height of a building for most roofs and cannot extend beyond the edge of a building. Solar collectors that are mounted to the wall must be located 2.4 metres above grade and can project a maximum of 1.5 metres into a rear yard and 0.6 metres into a side or front yard (343.1).</p>
<p>Edmonton, AB ZBL 20001</p>	<p><b>HVAC Zoning:</b> Edmonton does not have zoning related to HVAC devices.</p> <p><b>Energy Storage Zoning:</b> Edmonton does not have zoning related to energy storage devices.</p> <p><b>Solar Zoning:</b> Edmonton allows solar collectors to project a maximum of 1.5 metres above the maximum permitted height of a building and cannot extend beyond the eave or edge of a roof. Also wall mounted solar collectors may project a maximum of 1.5 metres into a setback if they are 0.6 metres from a lot line (5.10.12)</p>