

Landfill Ranking
(Locations that have been repurposed or planned were not recommended for further review)

Site	Capacity (MW)	Notes
HIGH POTENTIAL		
Glanbrook North	5	With a high capacity potential and nearby connection availability, Glanbrook North provides an ideal, unused flat space for a potential solar project. Consideration would need to be given to address the active ECA and other environmental receptors nearby.
Rennie St. – Brampton Yard	0.25	Reenie St. Brampton Yard has a large, flat, open space with occasional use as a work yard and is not on top of the waste deposit, making this location an ideal solar project candidate site. In addition to this, it is close to connection facilities and has minimal environmental receptors to consider.
MEDIUM POTENTIAL		
Dundas Landfill West	1.3	Currently used for baseball and soccer sports fields, this site has flat, open land areas near 3-phase power capacity and minimal environmental considerations. An assessment of the current use is recommended to evaluate community impact of a potential solar project site. Baseballs can damage solar panels.
Dundas Landfill East	0.9	Currently used for soccer sports fields, a community arena and a community garden, this site has flat, open land areas near 3-phase power capacity and minimal environmental considerations. An assessment of the current use is recommended to evaluate community impact of a potential solar project site.
Ancaster Landfill – Phase 2	0.3	Ancaster Phase 2 has a small, unused space adjacent to a 3-phase connection. Implications need to be considered on the adjacent wetland and stream approximately 75 m away. Levelling of the land may be required and construction considerations with respect to direct access from Highway 403 for the solar PV project need to be evaluated.
Glanbrook Landfill – South	2.3	Glanbrook South has known species at risk within the area footprint as well as an active ECA for the landfill site. Further study is needed to identify specific factors that could influence a potential solar project.

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Glanbrook Landfill – Centre	1.6	Glanbrook Centre has known species at risk within the area footprint as well as an active ECA for the site. Further study is needed to identify specific factors that could influence a potential solar project.
87 Acre Park Landfill Area	1.5	Along with low-lying shrubbery, some uneven ground which would require re-grading and a large forested area, there are considerations for species at risk nearby for 87 Acre Park Landfill as it is within a greenbelt protected area. While unused, frequent unauthorized access and vandalism are routinely observed and have required the repair of a monitoring well in the past, for example.
87 Acre Park North Area	7.9	There is a significant flat area that would provide a large generation capacity at 87 Acre Park North. However, the area has known registered natural habitat for various species at risk, which would require relocation to a habitat of equivalent size.
Ancaster Phase 1	1.2	With a flat, open space currently used for soccer fields, Ancaster Phase 1 has the potential to be a good solar project candidate site. However, only 1-phase power exists nearby; therefore connection upgrades to 3-phase power would be needed.
Binbrook	0.1	The maximum potential capacity is approximately 100 kW for the very small usable area at the top of the landfill. With limited environmental receptor concerns, this site would primarily require a connection assessment to confirm nearby capacity.
West Hamilton	0.25	West Hamilton has active community use of baseball and soccer fields. With limited environmental concerns and significant, flat land, West Hamilton has a good potential for solar PV systems. However, evaluations on available connection type and location would be required to verify feasibility and the baseball field may need to be relocated or removed as flying baseballs can damage solar panels.
Glanford	0.1	The maximum potential capacity is approximately 100 kW for the small usable area at the top of the landfill. Permits may also be required due to the on-site Glanford Station West PSW.

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LOW POTENTIAL		
Beverly	0.7	Usable area is only 1.1 ha and is completely forested. Removing the trees would disturb the landfill cap, which would need to be replaced, adding to the installation cost. Permits may also be required due to the known presence of SAR and a pond 30 m away. There is no existing power nearby.
Edgewood	0.1	The maximum potential capacity is approximately 100 kW for the very small usable area at the top of the landfill, which is also heavily forested. Removing the trees would disturb the landfill cap, which would need to be replaced, adding to the installation cost. Permits may also be required due to the known presence of SAR and the adjacent Beverly Swamp PSW.
Stoney Creek	0.2	Stoney Creek is within the Vinemount Swamp PSW. There is no existing power connection within 1 km, which introduces additional capital costs for the small generation capacity. Frequent vandalism would also require higher security investment and only a small, flat area on top of the landfill would provide an adequate area for solar panels.
Upper Ottawa	0.25	Upper Ottawa is a registered habitat for the SAR Bobolink species. An equivalent site in the same eco-zone would need to be found and potentially purchased by the City to relocate the existing Bobolink habitat at this site.
Dundas Transfer Station	5.3	This site is located in an environmentally significant area and is part of the Cootes Paradise PSW complex with known SAR presence. It is heavily forested with high flooding potential due to the wetland complex and low elevation with respect to the adjacent Lake Jojo. Removal of trees would be cost prohibitive. The management costs for implementation would be disproportionately high compared to the anticipated financial return.
Rennie St. Landfill Area	-	The Rennie St. LFS was removed from consideration per the City's request due to the end use as a community park and security concerns from vandalism.
Brampton St. Landfill Area	-	The Brampton St. LFS was removed from consideration per the City's request due to the end use as a community park with aboriginal heritage features, the expansion of the adjacent waste water treatment plant and security concerns from vandalism.