



The Corporation of the City of Peterborough

By-Law Number 24-065

Being a By-law to authorize the undertaking of energy efficiency, energy, climate change adaptation and mitigation, and water conservation works on private residential property as local improvements under the HEEP residential energy retrofit program

Whereas Part III of Ontario Regulation 586/06 – Local Improvement Charges – Priority Lien Status, enacted under the Municipal Act, 2001, S.O. 2001, c. 25 (O. Reg. 586/06) authorizes a municipality to pass a by-law to undertake works on private property as local improvements for the purpose of raising all or part of the cost of the work by imposing special charges on lots of consenting property owners upon which all or some part of the local improvement is or will be located.

And Whereas Subsection 36.5(2) of O. Reg. 586/06 provides that such a by-law may authorize the undertaking of works as a local improvement which satisfy the requirements of a municipal program for which the municipality has given notice under clause 36.6(2)(b) of O. Reg. 586/06.

And Whereas at its meeting on June 26, 2023, City Council adopted the recommendations in Report IPSACP23-016 – Home Energy Efficiency Program Update and proposed Local Improvement Charges, regarding the Peterborough Home Energy Efficiency Program (HEEP) including Council's direction to give notice to the public of Council's intention to pass this By-law.

And Whereas on June 12, 2023, notice to the public of Council's intention to pass this By-law was given in accordance with Council's direction and pursuant to clause 36.6(2)(b) of O. Reg. 586/06.

Now Therefore, The Corporation of the City of Peterborough, by the Council thereof, hereby enacts as follows:

1. The undertaking of energy efficiency, energy, climate change adaptation and mitigation, and water conservation works on private residential property under the Peterborough Home Energy Efficiency Program (HEEP), as more particularly described in Schedule A to this By-law, is authorized as a local improvement for the purpose of raising all or any part of the cost of the works by imposing special charges on lots upon which all or some part of the works is or will be located.
2. The Commissioner of Infrastructure and Planning Services and the Director of Asset Management and Capital Planning, are each authorized to do such things and to execute on behalf of The Corporation of the City of Peterborough such documents and agreements to give effect to section 1 of this By-law in accordance with O. Reg. 586/06, on terms acceptable to the said Commissioner or the said Director and in forms acceptable to the City Solicitor.
3. Without limiting section 2, the Commissioner of Infrastructure and Planning Services and the Director of Asset Management and Capital Planning, are each authorized to pass by-laws to authorize the undertaking of works which satisfy the requirements of the HEEP for which notice to the public of Council's intention to pass this By-law was given in accordance with Council's direction and pursuant to clause 36.6(2)(b) of O. Reg. 586/06.

By-law passed this 3rd day of September 2024.

Jeff Leal, Mayor

John Kennedy, City Clerk

Schedule A

Following is a description of the energy efficiency, energy, climate change adaptation and mitigation, and water conservation works on private residential property to be undertaken under the Peterborough Home Energy Efficiency Program (HEEP):

1. Air Source Heat Pump, Cold-Climate Air Source Heat Pump, and Ductless Heat Pump:
 - a. Energy Star certified product
 - b. Canadian Standards Association certified product
 - c. Installed by a licensed refrigeration, ventilation, and air conditioning technician
2. Ground Source Heat Pump:
 - a. Energy Star certified product
 - b. Canadian Standards Association certified product
 - c. Installed by a licensed Canadian Geo Exchange Coalition Accredited technician
3. Electric Resistance Water Heater and Heat Pump Water Heater:
 - a. Energy Star certified product
4. Attic Insulation:
 - a. Minimum 20% of attic area to be covered with R35 to R50
 - b. Cathedral ceiling minimum R14 to R28
5. Exterior Wall Insulation:
 - a. Minimum 20% of wall area to be covered with R3.8 to R12
6. Basement Insulation:
 - a. Basement Wall:
 - i. Minimum 20% of wall area to be covered with R10
 - b. Basement Header:
 - i. Minimum 80% area with R20
 - c. Basement Slab:
 - i. Minimum 50% area with R3.5
 - d. Crawl Space:
 - i. 100% area with R12
 - e. Crawl Space ceiling:
 - i. 100% area with R24 to R32
 - f. Exposed Floor:
 - i. 100% area with R20
7. Air Sealing
8. Windows, Doors, and Skylights:
 - a. Energy Star certified product
9. Thermostat:
 - a. Energy Star certified product
10. Heat Recovery Ventilator and Energy Recovery Ventilator:
 - a. Product listed by the Home Ventilating Institute
 - b. Installed a licensed refrigeration, ventilation, and air conditioning technician
11. High Efficiency Air Conditioners:
 - a. Energy Star certified product
 - b. Installed a licensed refrigeration, ventilation, and air conditioning technician

12. Drain-water Heat Recovery:
 - a. Minimum 30% efficiency
13. LED lighting:
 - a. Energy Star certified product
14. Appliances:
 - a. Energy Star certified product:
 - i. Refrigerator
 - ii. Freezer
 - iii. Clothes washer and dryer
 - iv. Dishwasher

Non-energy efficiency improvement measures can total up to 30% of the total home renovation cost. The following are eligible non-energy measures:

15. Rooftop Solar Photovoltaics:
 - a. Certified by Canadian Standards Association
 - b. ≥ 1 . kW DC
 - c. Letter of Approval or permission from local electrical or building authority
16. Battery Storage:
 - a. Certified by Canadian Standards Association
 - b. Installed by a licensed ESA electrician
17. Electric Vehicle Charging Station:
 - a. Level 2 charging port 240V
 - b. Installed by a licensed ESA electrician
18. Wiring and Electrical Service Upgrades:
 - a. Installed by a licensed ESA electrician
 - i. Wiring
 - ii. Electrical panel
19. Basement Flooding Upgrades:
 - a. Basement Waterproofing Measures:
 - i. Back-flow prevention valves
 - ii. Pump sump back-up power
20. Water Efficiency measures:
 - a. Low-flow fixtures
21. Cosmetic measures:
 - a. Roofing
 - b. Foundation
 - c. Flooring
 - d. Kitchen
 - e. Bathroom
 - f. Interior walls
 - g. Plumbing