



Efficiency For All

A review of provincial/territorial low-income energy efficiency programs with lessons for federal policy in Canada

Abhi Kantamneni, Research Associate
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TODAY'S TOPICS

TOPIC 1

Why low-income energy efficiency matters now

TOPIC 2

Key features of existing programs

TOPIC 3

Key strengths and gaps of existing programs

TOPIC 4

A federal role in low-income energy efficiency



Low-income energy efficiency

Why it matters now





Low-income energy efficiency

Why it matters now

- Low-income households more vulnerable to energy poverty
- Cannot afford upfront costs or assume more debt burden
- Tailored approaches are needed





Low-income energy efficiency

Why it matters now

- Energy efficiency should benefit all Canadians
- Energy poverty a priority for transition to be fair and just
- Federal gov. can play a leadership role in achieving net-zero emissions and reducing energy poverty



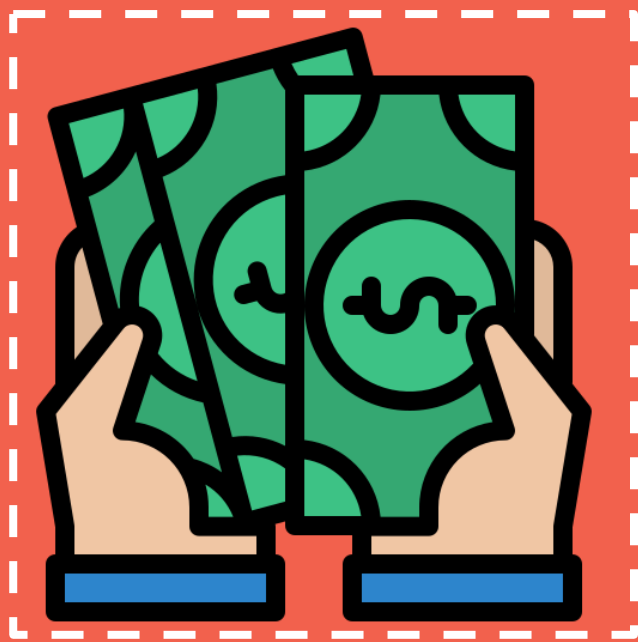
Key Features of Existing Programs

Program types, target markets and what they are accomplishing

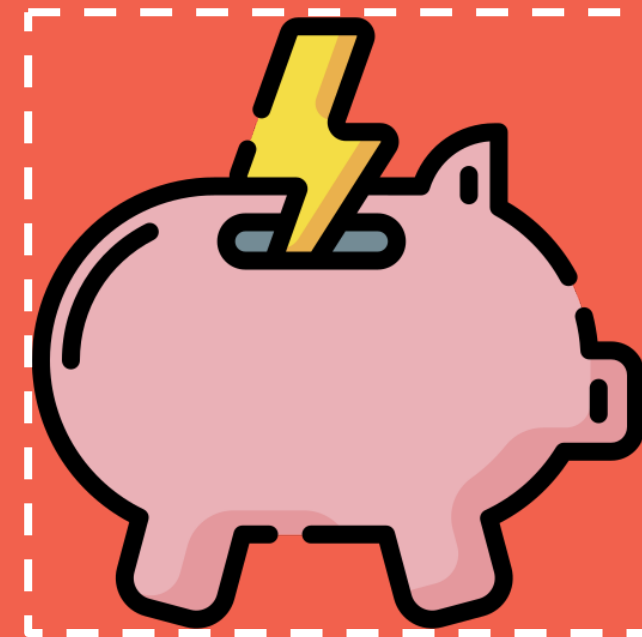


Key Features

Of provincial low-income energy efficiency programs



Income based
eligibility (LICO, LIM,
Province Specific)



Turnkey installs at no
(or very low) cost to
participants



Program types

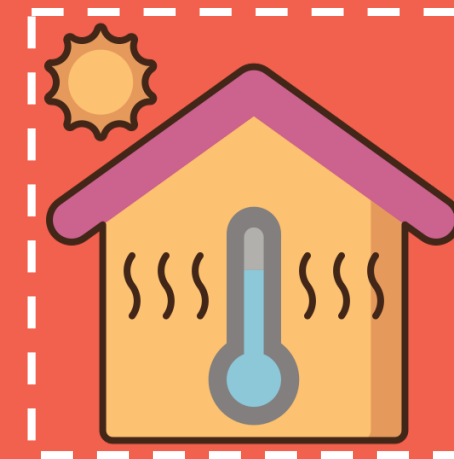
Categorized by common measures, target markets



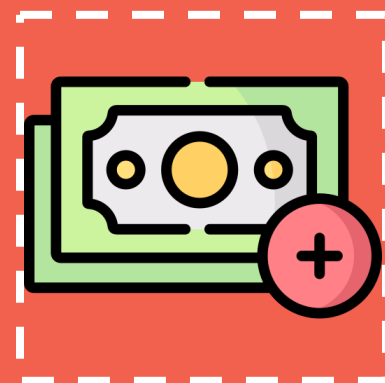
Self-install



Direct install
(minor upgrades)



Direct install
(major upgrades)



Bonus
Rebate



Supplemental



Custom
Multi-unit



Categorized by common measures, target markets

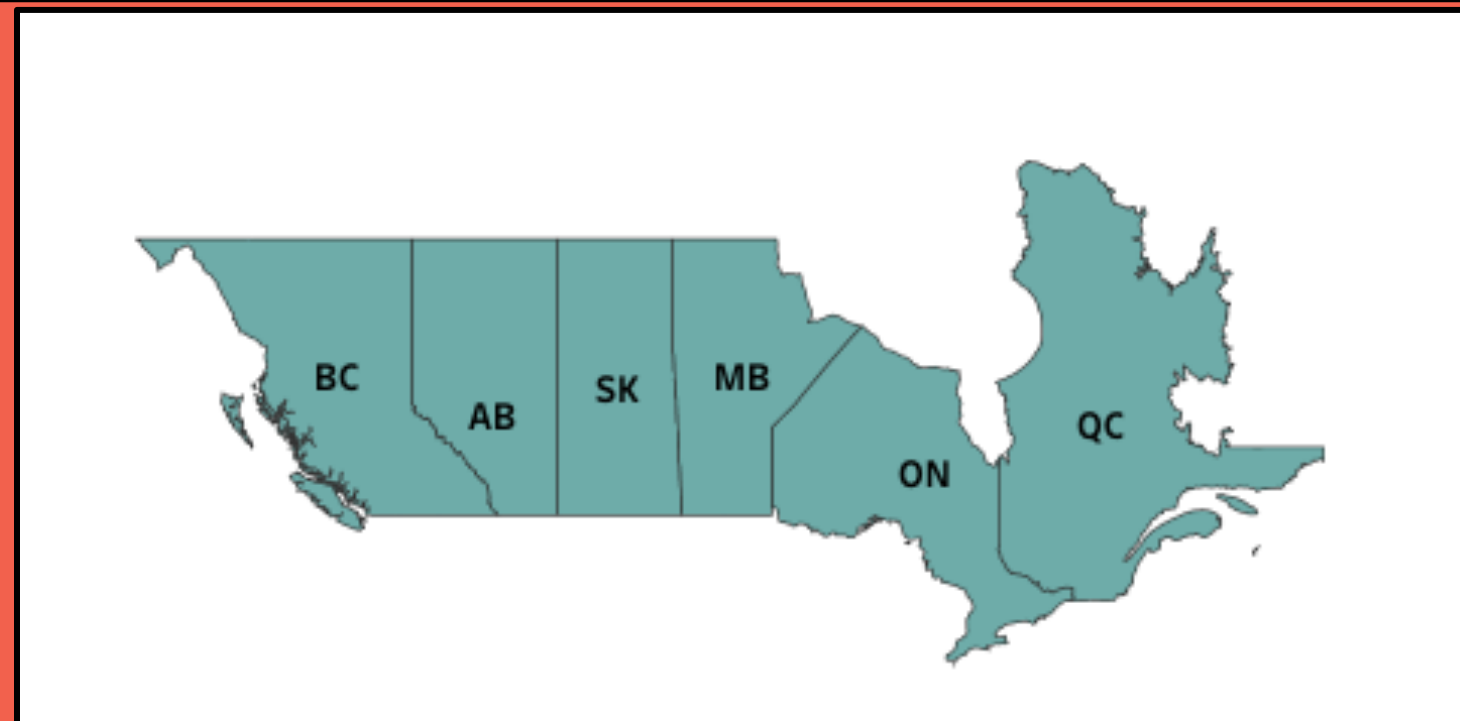


Program types

Categorized by common measures, target markets

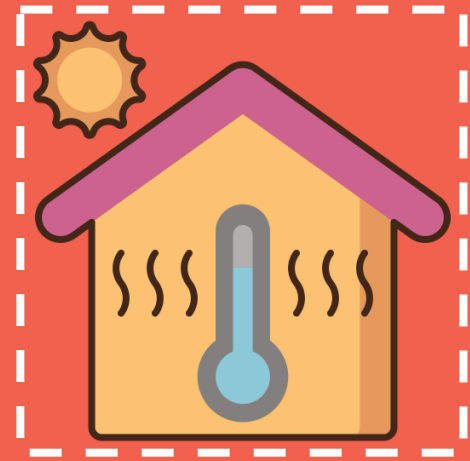


Direct install
(minor upgrades)



Program types

Categorized by common measures, target markets



Direct install
(major upgrades)



Program types

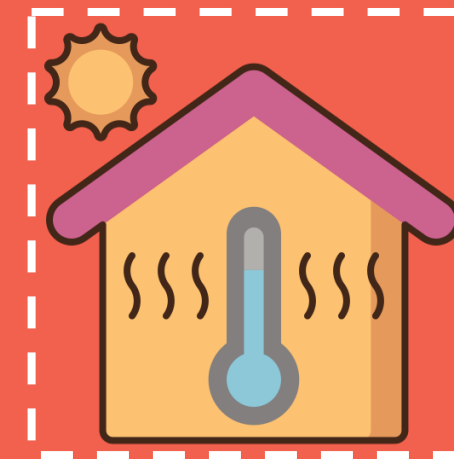
Categorized by common measures, target markets



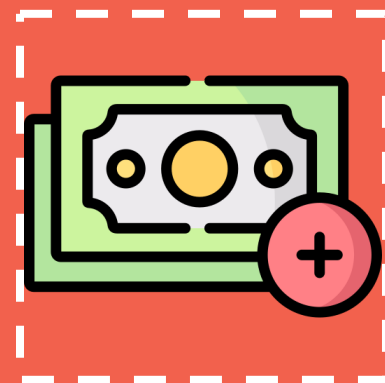
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Program types

What programs are accomplishing

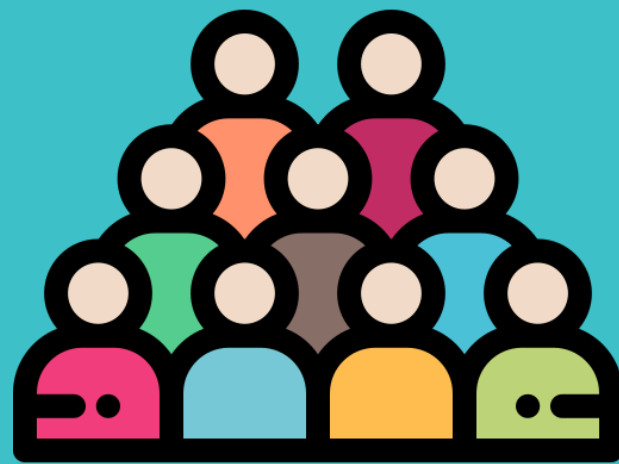
Program type	Range of participation rates [%]	Range of program cost per participant [\$]	Range of energy savings per participant [GJ]
Self-install programs	< 3%	< \$100	1.0 GJ – 1.5 GJ
Direct installs with minor upgrades	0.7% – 1%	\$400 – \$1000	< 5 GJ
Direct installs with major upgrades	1% – 2%	\$2,600 – \$11,000	17 GJ – 40 GJ



Program strengths and gaps



Program Strengths



Engaging low-income
Canadians in energy
efficiency



Institutional knowledge,
local networks and
relationships



Program Gaps

In relation to achieving net-zero emissions and reducing energy poverty



Deeper energy savings per household



Fuel-switching not standard feature, even when it may reduce costs



Removing non-energy health & safety barriers



Not targeting energy poor and 'hard to reach' households



A Federal Role

A responsible and appropriate role in low-income energy efficiency



Federal Role

Reducing energy poverty and achieving net-zero emissions



Focus on results,
set targets and let
provinces meet
them in own
context



Create supportive
systems and
platforms



*ensuring energy poor
households achieve a
minimum home
energy efficiency
rating better than or
equal to the top 20% of
the most efficient
houses in the country*



Federal Role

Reducing energy poverty and achieving net-zero emissions



Leverage and
enhance existing
delivery capacity



Stable long-term
investment, not
boom/bust



*47 years of Federal—
providing funding to
supplement local and
state low-income
energy efficiency
initiatives. Offers local
program design
flexibility while meeting
federal objectives*



Federal Role

Reducing energy poverty and achieving net-zero emissions



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What's next?

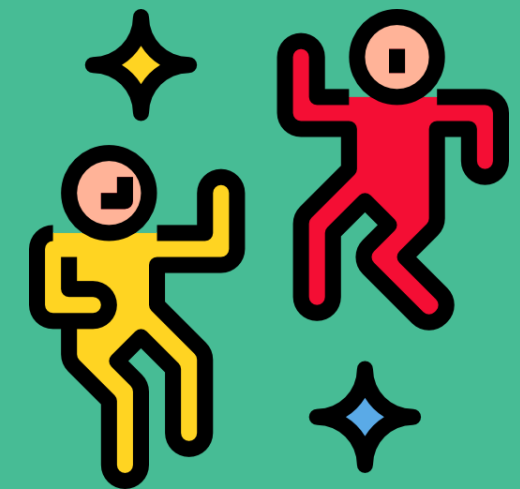
For low-income energy efficiency in Canada



Encouraged by low-income supports in Fed NDP-Liberal agreement



Discouraged by \$485M in ERP for loan program for low-income



Excited for upcoming Efficiency Canada research





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Abhilash.Kantamneni@efficiencycanada.org

