

April 2026

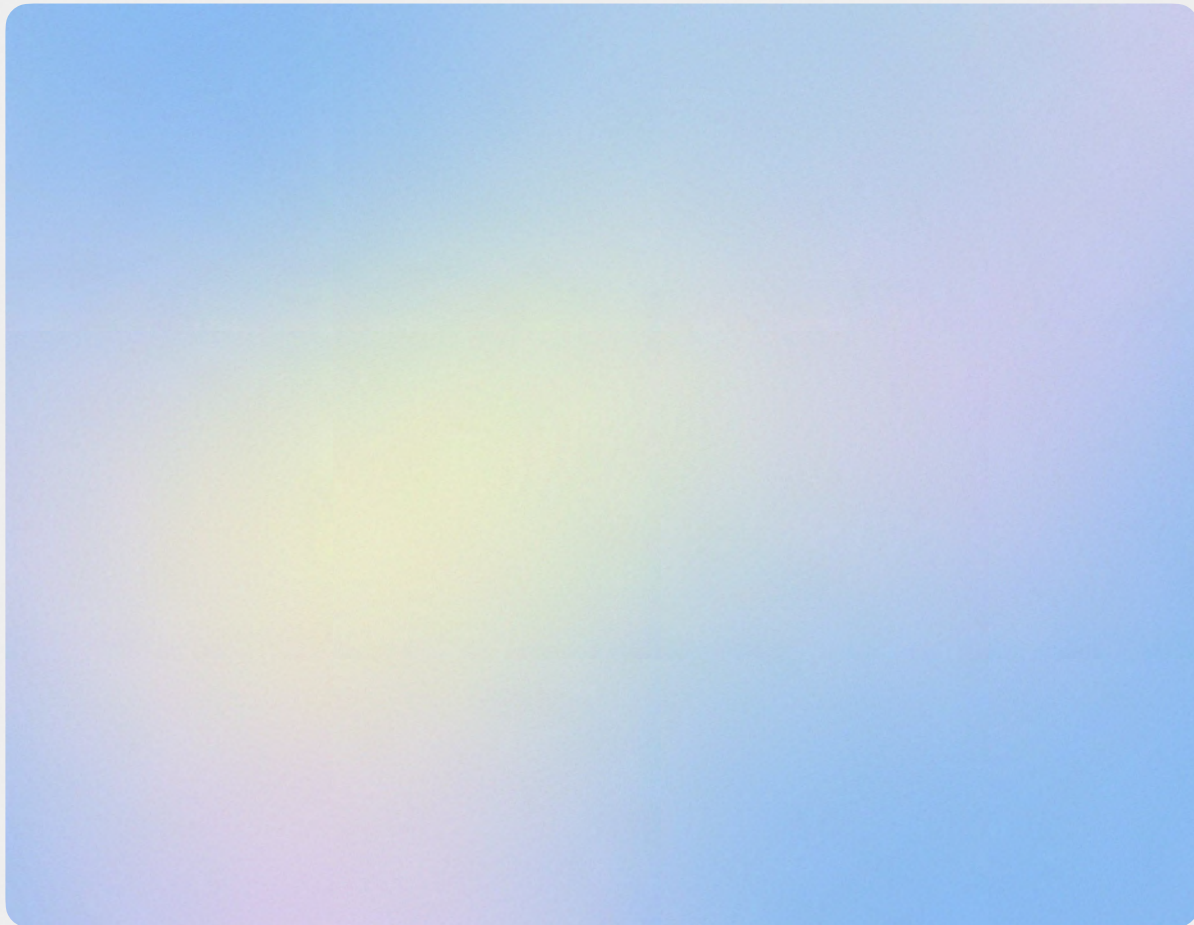
TAF Board Meeting

Urban Rooftop Solar is poised to scale in the GTHA

Lighting the path to solar

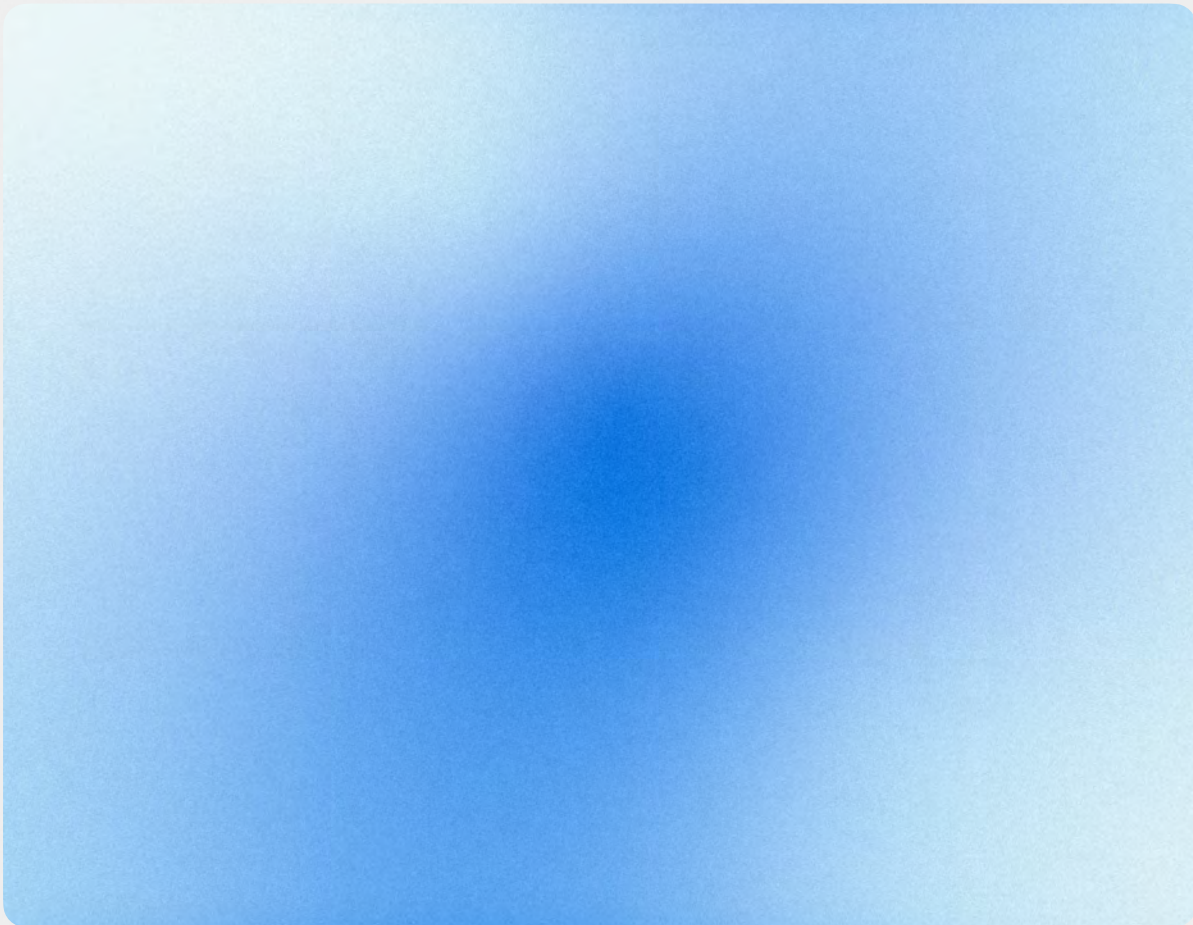
 Home Solar Accelerator

Challenges for residential solar + storage



Low Awareness

Low awareness and limited information regarding the benefits, costs, and functioning of solar energy are major barriers to its widespread adoption.



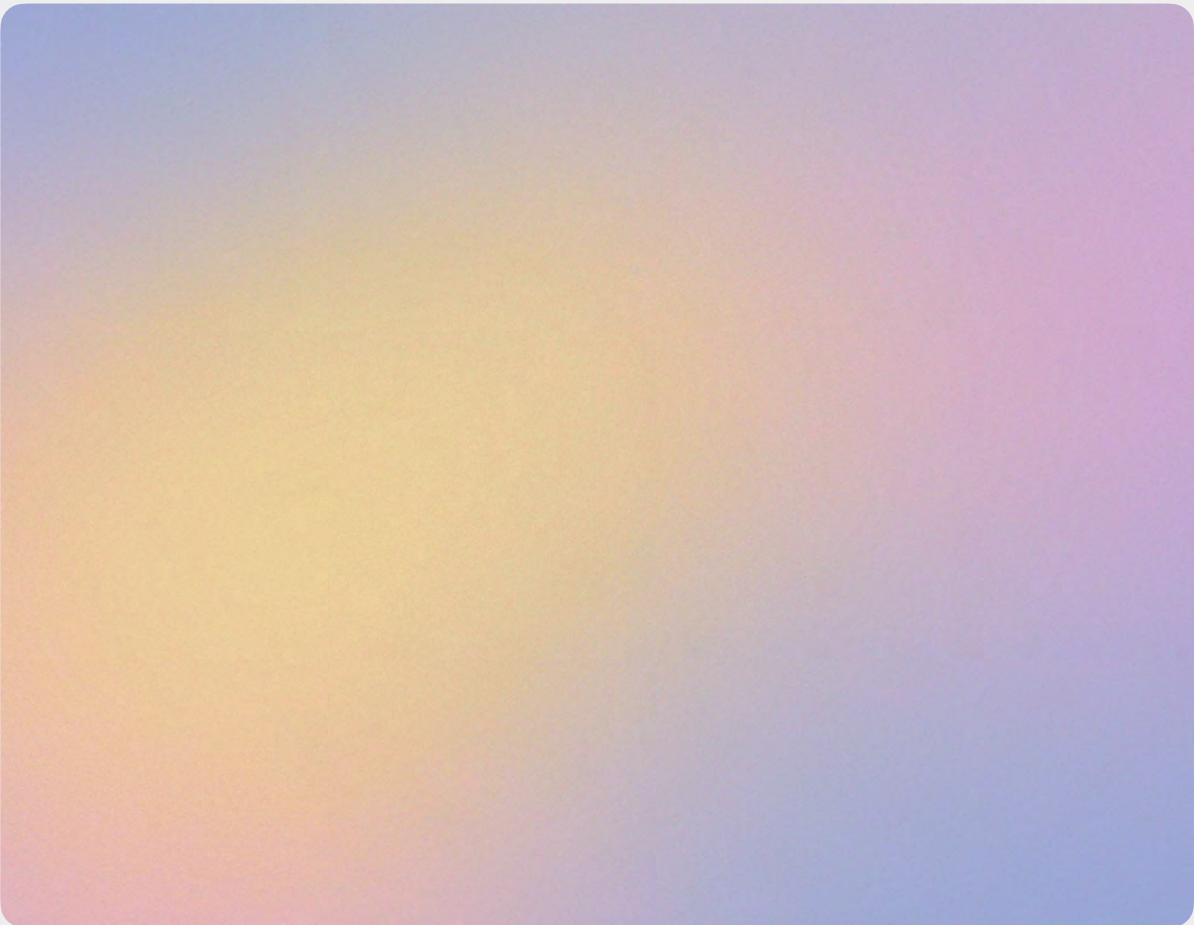
Frustrating

Many view the solar process as time-consuming and fragmented, with confusing quotes and unclear next steps.



Trust + Options

Homeowners express concern about unreliable vendors and lack of unbiased information.



Financial

The high up-front cost and lack of attractive financing options are both barriers.

Theory of change

TAF will enable local generation at scale through a turnkey residential solar PV concierge

02 REDUCE BARRIERS

Access to information and financing, trust, streamline rules and approvals

04 SCALE BY 2028

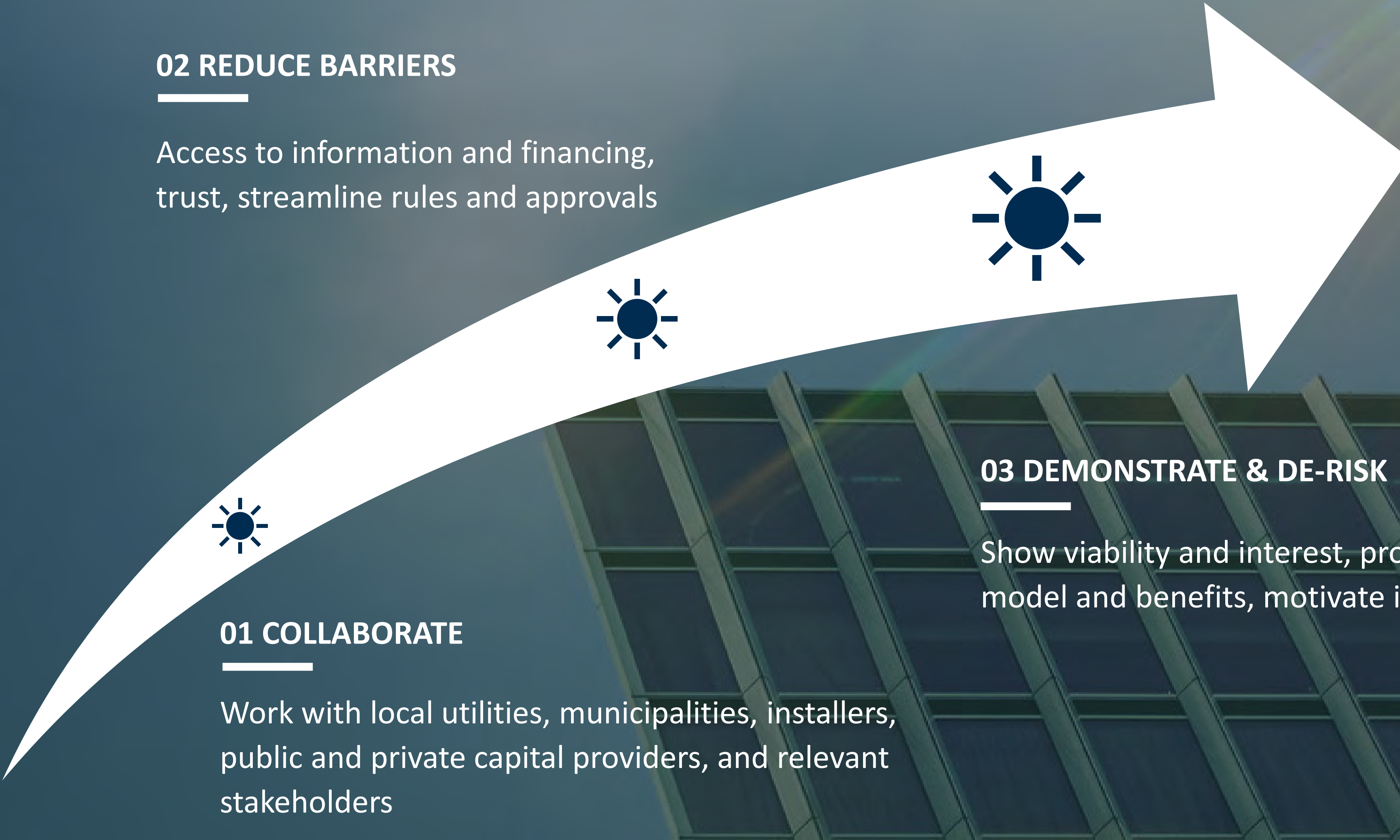
Organic uptake by all customer segments, mainstream program offered by relevant delivery organizations

03 DEMONSTRATE & DE-RISK

Show viability and interest, prove out business model and benefits, motivate industry

01 COLLABORATE

Work with local utilities, municipalities, installers, public and private capital providers, and relevant stakeholders



How Home Solar Accelerator works



Education first

- Straightforward solar education and resource hub
- Clear step by step process
- Low pressure approach that proceeds at homeowner's pace



Concierge service

- Free 1:1 support & homeowner guidance
- Detailed cost and payback analysis
- Home suitability assessment
- Three vetted installer quotes if homeowner proceeds



Ecosystem development

- Collaboration with municipalities & utilities, community groups and installers to achieve scale
- Focus on reducing soft costs and streamlining process

Things are looking up for home solar + storage.

Today's solar market is complex and confusing.
That's about to change.

Skip the uncertainty with free unbiased help to plan
and complete your solar installation with confidence.

Simplifying Solar
A program tailor made for GTHA homeowners

Vetted Installer Network



Home solar advice
without the
jargon.

Ontario specific resources to
learn how solar works, what it
actually costs, and whether it
makes sense for your home.



Your Solar Journey Map



Identify your solar potential, property
suitability, electricity savings, and any
pre-work needed.

Clear standardized project profile

Cost projections you can trust

time

ards

osals

No sales

Personal Solar Advisor



Compare quotes and choose an installer
with guidance from an expert who
represents your interests.

Single point of contact

Helps solicit and compare vetted quotes

Navigate financing and technical options in plain language

Here comes the sun. TAF's Home Solar Accelerator now live. [Learn More](#)

🌿 Home Solar Accelerator

Solar Services

About Us

Solar Resources

Start Here

Home solar advice without the jargon.

Common Myths

FAQs

Glossary

Reference

Reference

Reference

All Resources

Browse by

Topic

Search Resources

Is Solar Right for Me?

Installers Questions

Roof + Property

Process

Location

Understanding Solar Production

Technical

kWh and Savings Explained

Technical

Electrification

Is Solar Right for Me?

Understanding Solar Production

kWh and Savings Explained

Is Solar Right for Me?

Understanding Solar Production

kWh and Savings Explained

Here comes the sun. TAF's Home Solar Accelerator now live. [Learn More](#)

🌿 Home Solar Accelerator

Solar Services

About Us

Solar Resources

Start Here

Net Metering Explained

How solar and the grid work together to reduce your electricity bill

Stage

Understanding Your Bill

Topic

Roof + Property

Installers Questions

Explore

[Copy as markdown](#)

[Share](#)

On this page

Net Metering

What affects savings

How to think about payback

Net Metering

Net metering is the policy that makes residential solar make sense in Ontario.

It's a simple idea:

When your solar system produces more electricity than you need, the extra goes back to the grid. Your utility tracks this and gives you bill credits. When you need more electricity than you're producing — like at night or in winter — you use the credits to offset what you owe.

Why net metering matters

Without net metering, you'd waste your surplus electricity by sending it into buying storage you may not need. With it, you can use it yourself over the year, matching sunny-month overproduction with winter-month demand.

How it works in practice

During the day:

Your panels power your home and any surplus goes back to the grid.

Surplus flows to the grid:

Anything extra you produce goes back to the grid for you to use later.

At night / cloudy days:

You pull from the grid to offset the cost.

Over the year:

Most homes build up credits throughout the winter.

Your credits can roll for up to 12 months, which helps balance energy use and production in balance.

What net metering isn't

It's not cash back — credits reduce bills but don't give you money.

It's not a fixed guarantee — it adjusts with your usage and system size.

It's not the same as Ontario's older microFIT program.

Stage

Storage

Topic

Batteries

Technology

System Design

Explore

[Share](#)

Here comes the sun. TAF's Home Solar Accelerator now live. [Learn More](#)

🌿 Home Solar Accelerator

Solar Services

About Us

Solar Resources

Start Here

Common Myths

Solar generates strong opinions. Some see it as a miracle, others as a scam.

Reality is between these extremes.

Stage

Reference

Explore

[Copy as markdown](#)

[Share](#)

On this page

Weather

Technology

Money

Impact

Here's what's actually true.

Weather

"Solar doesn't work in Canadian winters"

Light, not heat. Cold temperatures don't stop solar panels from producing power. And lower sun angles reduce production. But "lower" doesn't mean no significant power. Your surplus offsets winter shortfall. From May through September, less production than demand. Annual balance is what matters. Solar makes economic sense. It's better than gas. Solar rather—leads Europe in solar production.

Storage

As solar photovoltaic (PV) systems become more common, many homeowners are considering adding battery storage.

Solar panels produce electricity during daylight hours, but energy use continues after the sun goes down. Batteries store excess solar energy so it can be used later, improving energy independence and reliability.

..

Tell us about your home to find your solar potential

Start Here

1

Find your solar potential

Tell us about your home (roof size, orientation, etc.) and we'll calculate your solar potential and send you a report.

Get report in 1 week

2

Compare quotes + choose an installer

3

Connect with your installer

Tell us about your home to find your solar potential

Contact Info

First

Last

or Surf App

Phone (SMS or voice) (Home, Work, Mobile)

or Email (optional) (optional)

We'll never share your contact info with anyone else.

🌱 Home Solar Accelerator

Solar Journey Report

Your personalized solar options

Prepared for Homeowner Name
Homeowner Address

🌱 Home Solar Accelerator

Solar + Storage Journey Report

Your personalized solar and storage options

Prepared for Homeowner Name
Homeowner Address



Your Solar Summary

Example Solar Layout



Solar Size

Calculated by multiplying the number of solar panels by the size of each panel.

Number of panels	Panel size	System size
17	450 W	7.65 kW

Solar Offset

The percentage of your annual electricity use offset by solar electricity.

Annual solar production	Annual electricity use	Solar offset
9,241 kWh	11,850 kWh	78%

Price Estimate

Based on our database of quotes, we expect your system to fall within this price range.

	Low estimate	High estimate
Unit price (cost/W)	\$2.60	\$3.00
Total price (including HST)	\$22,500	\$27,000

Scenario 1: Solar with Net Metering

How This System Works

This scenario involves installing solar only (no battery) and utilizes net metering. Excess solar electricity is exported to the grid for a credit on your hydro bill. Later, when your home imports electricity, those credits are used. Credits are applied toward the energy portion of your hydro bill, though you will still have to pay fixed delivery charges. During a blackout, you will not have power.



Battery Size

None



Solar Size

Calculated by multiplying the number of solar panels by the size of each panel.

Number of panels	Panel size	System size
12	450 W	5.4 kW

Solar Offset

The percentage of your annual electricity use offset by solar electricity.

Annual solar production	Annual electricity use	Solar offset
5,567 kWh	6,620 kWh	84%

Price Estimate

Based on our database of quotes, we expect your system to fall within this price range.

	Low estimate	High estimate
Total price before rebate	\$16,500	\$22,000
Less Home Renovation Savings rebate	\$0	\$0
Total price (including HST)	\$16,500	\$22,000

Quote Comparison

A detailed breakdown of your quotes

Prepared for Homeowner Name
Homeowner Address



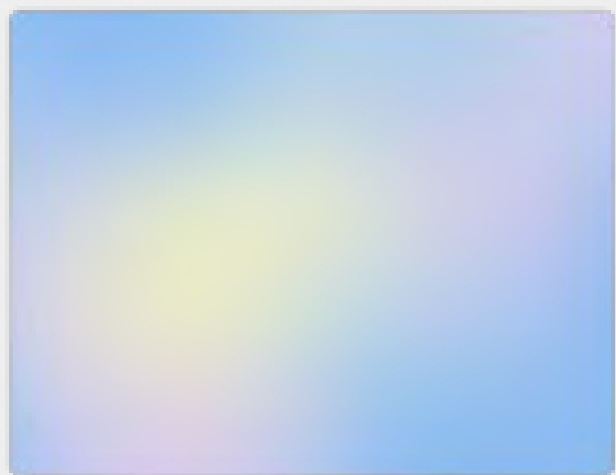
This report was prepared by your Solar Advisor through the Home Solar Accelerator.
A program of the Toronto Atmospheric Fund. | [solaraccelerator.ca](https://www.solaraccelerator.ca)

2025-04-08

Solar Quote Comparison

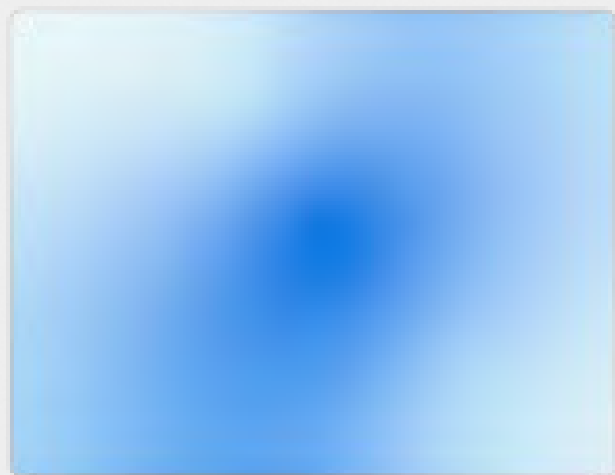
	Installer A	Installer B	Installer C
Pricing			
System Cost (excluding HST)	\$28,500	\$27,838	\$30,559
Solar Cost Per Watt (unit cost)	\$3.03	\$2.71	\$3.12
Battery Cost Per kWh (unit cost)	\$1,320	\$725	\$1,411
Home Renovation Savings Rebate	-\$8,000	-\$9,800	-\$8,000
Net Cost (including HST)	\$24,205	\$21,657	\$26,532
System			
Total System Size	5.05 kW	6 kW	5.28 kW
Number of Solar Panels	10	12	12
Installation Warranty	2 Years	2 Years	1 Year
Estimated Install Month	July 2026	June 2026	June 2026
Added Rodent Guard Cost (per watt)	Included	\$602 (\$0.10/W)	Included
Solar Panels			
Brand	Longi	Thomova	JA Solar
Panel Size	505 W	500 W	440 W
Performance Warranty	25 Years	30 Years	30 Years
Product Warranty	25 Years	15 Years	15 Years
Inverter			
Brand	Growatt	Solis	Growatt
Type	Hybrid String	Hybrid String	Hybrid String
Warranty	10 Years	10 Years	10 Years
Extended Warranty	N/A	20 Years (\$1,750)	N/A
Battery			
Brand	Growatt	Renon	Growatt
Capacity	10 kWh	16 kWh	10 kWh
Warranty	10 Years	10 Years	10 Years
Installer Estimated Production			
Solar Potential (kWh/kW)	1,149	1,161	961
Annual Production (kWh/yr)	5,800	6,965	5,072
Electricity Offset	63%	76%	55%
Advisor Estimated Production			
Solar Potential (kWh/kW)	1,093	1,093	1,105
Annual Production (kWh/yr)	5,521	6,558	5,834
Electricity Offset	60%	71%	63%

Our approach to collaboration



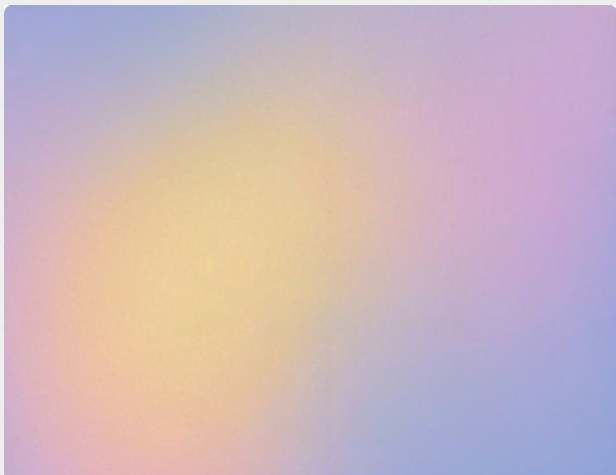
A good answer to a growing question

Partners can point them to HSA for credible sources: reliable information, independent advice, competitive pricing, consumer protection, and a single point of contact.



Greater visibility for partners

Every enquiry and installation through the program is tracked. TAF can share aggregated, anonymized data on interest and actual solar adoption in each jurisdiction.



An economic and environmental win-win

Supporting solar offers significant benefits for municipalities and communities, including economic development, environmental protection, resilience, and energy independence.



Improving distributed solar and storage policy

TAF is working with regulators, municipalities and utilities across the GTHA to improve the ecosystem for home solar and storage for all stakeholders.

Delivered by



The Atmospheric Fund is a nonprofit regional climate agency established by the City of Toronto in 1991. TAF invests in low-carbon solutions across the GTHA. The Home Solar Accelerator is its residential solar and storage program, launched March 2026.



Glean Energy operates the program's concierge service and oversees its installer network. Since 2021, Glean has supported more than 1,000 homeowners across Canada in comparing solar quotes with confidence.

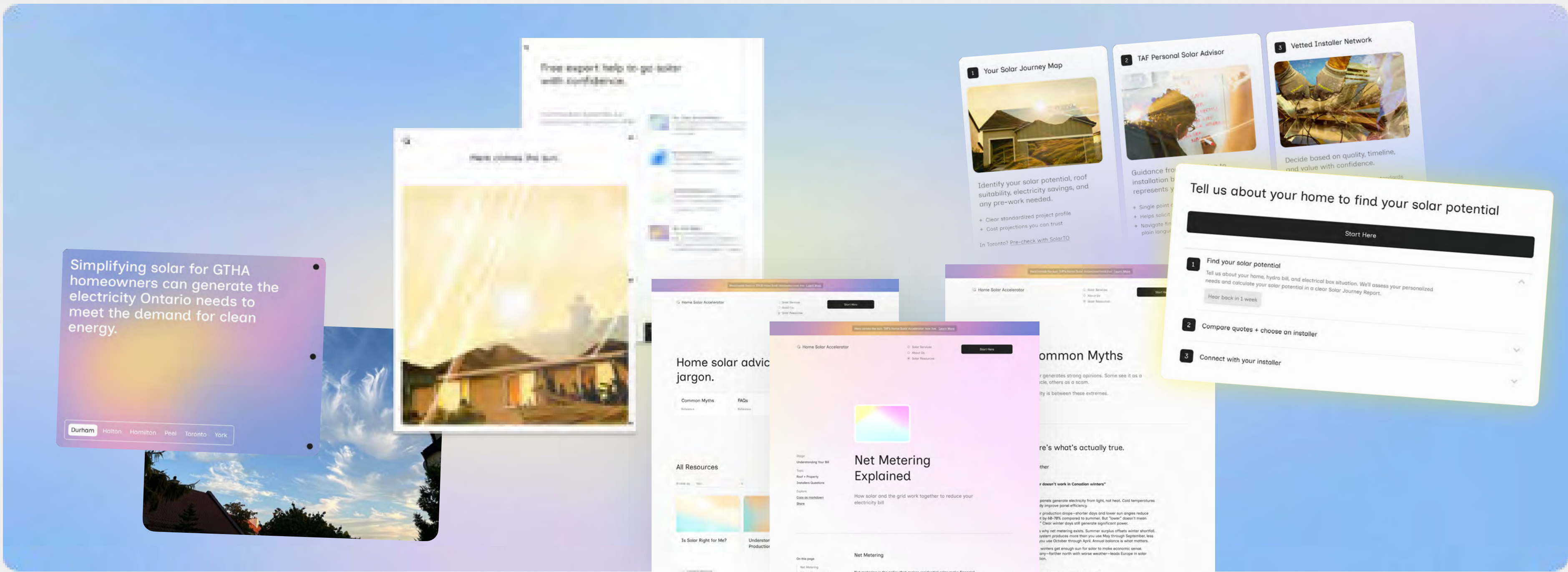


Toronto Hydro is the program's anchor utility partner and electric utilities across the region are participating.



Municipalities, utilities and community groups across the GTHA are partnering with TAF to let ratepayers know about the Home Solar Accelerator.

Promoting Home Solar Accelerator



[Partner Toolkit](#)

solaraccelerator.ca

[Facebook](#) Soon

TAF prepares:

We provide everything partners need (copy, graphics, key messages)
— ready to use or adapt to their audience’s voice.

Partners share:

Partners promote Home Solar Accelerator through their existing channels — website, newsletters, socials, community events, etc.



QUESTIONS