

SEIC Releases Research and Tools to Demystify Solar Farms Adoption in Canada

September 26, 2025

Halifax, Nova Scotia - September 26, 2025 -

SolarEnergies.ca, a premier Canadian resource for solar energy information, today announced the release of a comprehensive research initiative on the sustainability and economic impact of solar farms on Canadian agricultural land. The findings, detailed in the publication "Solar Farms on Your Land: The End of Farming or a Billion-Dollar Lifeline?", are accompanied by a new suite of powerful online tools designed to empower all Canadians with clear, actionable data for their own solar projects. These resources include detailed solar guides for every province and territory, a state-of-the-art project calculator, and a direct chat service to provide personalized information.

The initiative aims to address a primary barrier to solar adoption: public uncertainty. A common concern is that large solar installations could displace valuable agricultural production, creating a conflict between food security and energy needs. The new research from SolarEnergies.ca confronts this issue directly, investigating the growing field of agrivoltaics, where farming and solar generation coexist on the same land. The findings suggest that, far from being a threat, this dual-use model presents a significant economic

opportunity for farmers and rural communities across the nation.

"We kept hearing the same valid concern: are we trading food for energy? We wanted to replace speculation with solid data," Vitaliy Lano, owner of SolarEnergies.ca, stated. "Our research into agrivoltaics shows that it's not an either-or choice. Canadian farmers can have both, and our new guides are designed to show them how." He added that the goal was to provide clarity in a debate often clouded by misinformation, allowing landowners to make decisions based on facts and financial realities. The publication serves as a cornerstone for a larger mission to make solar potential understood from coast to coast.

The report synthesizes data from multiple successful agrivoltaics projects, primarily in Alberta and Ontario, revealing a compelling financial case for landowners. It details how farmers can secure lease payments from solar developers for at least $700 to $900 per acre annually, with the potential for an additional $200 per acre for vegetation management. This creates a stable, multi-decade income stream that can exceed $1,000 per acre, a figure that, according to the research, can be four times the return of traditional commodity crops. Beyond the farm gate, the economic benefits ripple outward. The research highlights the case of the County of Vulcan in Alberta, where a 3,400-acre solar project transformed the land's annual tax contribution from approximately $10,000 to nearly $4 million, funding essential community services.

"The numbers are transformative," Lano commented. "For a family farm facing uncertain commodity prices, a predictable income stream of over $1,000 per acre can be the difference between surviving and thriving. This isn't just about energy; it's about securing the future of rural communities." Lano suggested that this model provides farmers with the financial resilience needed to weather market volatility and extreme weather events, ultimately strengthening Canada?s agricultural backbone while contributing to its energy independence. The research presents a clear, data-supported pathway for farmers to diversify their operations and build a more secure legacy.

To translate these large-scale findings into practical tools for all Canadians, SolarEnergies.ca has launched a comprehensive resource hub. The platform now features dedicated guides for every Canadian province and territory, outlining local solar potential, specific regulations, and a complete list of current rebates and incentives. This ensures that whether a person lives in British Columbia or Newfoundland and Labrador, they have access to locally relevant information. Complementing these guides is a new, state-of-the-art solar calculator. By simply entering a property address, users can receive an instant, detailed estimate of a solar project's cost, potential energy production, and long-term savings. For those with specific questions, a new chat service connects users with knowledgeable representatives who can provide straightforward answers.

"Information is power, but it's useless if it's buried in technical reports or confusing government websites," Lano added. "We built our calculator and chat service to give Canadians instant, clear answers. You can get a real estimate for your own home in minutes, not days. We're breaking down the barriers that stop people

from taking the next step." Lano expressed that the true measure of success for these tools would be the number of Canadians who feel confident enough to explore their solar options, knowing they have a trusted source of information to rely on throughout the process.

The dual release of the agrivoltaics research and the user-focused digital tools reflects a national vision for a decentralized and resilient energy grid. The platform now serves the needs of a diverse audience, from a farmer in Saskatchewan considering a multi-megawatt agrivoltaics project to a homeowner in Halifax wondering about rooftop panels. By providing tailored, data-driven insights for projects of every scale, SolarEnergies.ca aims to accelerate the adoption of clean energy across the country, creating economic opportunities and fostering energy security at both the community and national levels.

"From a 3,000-acre solar farm in Alberta to a single rooftop in Newfoundland, every solar panel installation contributes to a stronger, more independent Canada," Vitaliy expressed. "Our goal at SolarEnergies.ca is to equip every Canadian, whether they're a farmer, a homeowner, or a business owner, with the honest information they need to be part of that future. The potential is immense, and it's accessible to everyone."

For more information about solar energy in Canada, visit the company's website.

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Solar Energies In Canada SEIC

SEIC is Canada?s platform for solar energy insights, dedicated to making green living accessible and practical. From detailed guides to savings calculators, SolarEnergies.ca empowers Canadians to make informed decisions for a sustainable future.

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