



# HYDRO BILL RISK?

## SolarEnergies.ca Releases New Analysis on Canada's Electricity Strategy and What Natural Gas Means for Hydro Bills

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SolarEnergies.ca has released a new homeowner-focused analysis examining how Canada's May 14 National Electricity Strategy could affect residential electricity costs, rate exposure, and the financial case for rooftop solar.

The article, written for Canadian homeowners comparing solar options, looks at the federal government's plan to double electricity grid capacity by 2050 while keeping natural gas in the reliability mix. The Prime Minister's Office said the strategy could deliver up to \$15 billion in total energy savings by 2050 and lower total energy costs for 7 in 10 Canadian households. SolarEnergies.ca notes that those benefits should be considered alongside provincial rate design, grid investment, and the role flexible gas generation can play during high-demand hours.

Vitaliy Lano, owner of SolarEnergies.ca, said the goal of the analysis is to help homeowners understand the

numbers without turning the topic into a political argument.

“Canada needs a bigger and stronger grid. That part is clear,” Lano stated. “But homeowners also need to understand how the grid is paid for, how provincial electricity rules work, and where natural gas can still affect price pressure. The practical question is not whether the strategy is good or bad. The question is how a family protects itself from uncertainty on the bill.”

The article explains that natural gas remains valuable because it can respond quickly when electricity demand rises, wind output falls, or solar production drops in the evening. It also uses careful wording around the electricity-price link, noting that flexible gas generation can influence market prices when it is the marginal resource, but that the strength of that link varies by province, regulation, contracts, and rate structure.

SolarEnergies.ca also points to Canada’s changing natural gas market. Canada Energy Regulator material cited in the article shows that natural gas production and LNG export capacity remain major parts of Canada’s long-term energy outlook. The article frames this as a risk worth watching, not a guaranteed price shock, because more LNG export capacity could make Canadian gas production more connected to global demand.

Lano commented that the analysis is meant to give homeowners a calmer way to think about solar.

“Solar gets oversold when people treat it like magic, and undersold when people only compare it to today’s cheapest electricity rate,” Lano said. “The better way is to compare solar against a full utility bill, provincial rules, time-of-use pricing, net metering, system size, roof quality, and long-term rate risk.”

The new article also discusses Canada Greener Homes program changes, Ontario net metering, battery storage, and the importance of comparing multiple installer quotes. SolarEnergies.ca says Canadian residential solar cost estimates vary widely by province, roof, equipment, and installer, so homeowners should treat any per-watt estimate as a quote-screening range rather than a government benchmark.

The piece encourages readers to use the SolarEnergies.ca solar calculator as a first check before collecting quotes. It also advises homeowners to compare equipment, warranties, production estimates, financing terms, net metering assumptions, and total installed cost side by side.

“Cheap quotes can become expensive if the system is undersized, the production estimate is weak, or the warranty is thin,” Lano added. “A serious solar decision should be boring in the best way: clear math, clear assumptions, clear equipment, and no pressure.”

SolarEnergies.ca says the broader message is that rooftop solar should be viewed as a practical

energy-planning tool. It will not remove every charge from a household electricity bill, and it is not the right fit for every roof. But for homes with good sun exposure, higher electricity use, time-of-use pressure, EV plans, heat pump adoption, or strong local incentives, solar can reduce exposure to future electricity-rate increases for the portion of power the system produces.

The article is part of SolarEnergies.ca's broader mission to make solar decisions easier for Canadian homeowners by explaining incentives, installer selection, financing, net metering, system sizing, and long-term savings in plain language.

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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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