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Title: Most Energy PV Site in Ottawa

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Who is Ottawa solar power?

Since 1996, Ottawa Solar Power has been a leader in renewable energy for the National Capital Region, with over 1,000 installations spanning residential homes, businesses, and off-grid projects. As Eastern Ontario and Western Quebec's most experienced solar provider, we deliver reliable, tailored, and sustainable energy solutions for every need.

How many solar PV locations are there in Canada?

So far, we have conducted calculations to evaluate the solar photovoltaic (PV) potential in 569 locations across Canada. This analysis provides insights into each city/location's potential for harnessing solar energy through PV installations. Link: [Solar PV potential in Canada by location](#)

How much solar power does Ottawa produce a day?

In Ottawa, Ontario, Canada (latitude: 45.4215296, longitude: -75.6971931), solar power generation varies across the seasons due to differences in daylight hours and sunlight intensity. On average, each day per kW of installed solar capacity yields 5.96 kWh in summer, 2.87 kWh in autumn, 1.82 kWh in winter, and 5.45 kWh in spring.

How to optimize solar generation in Ottawa Canada?

Assuming you can modify the tilt angle of your solar PV panels throughout the year, you can optimize your solar generation in Ottawa, Canada as follows: In Summer, set the angle of your panels to 29°; facing South. In Autumn, tilt panels to 49°; facing South for maximum generation.

Nov 16, 2025 • Explore how expert solar project consulting, site assessments, and solar feasibility analysis empower you to make informed, cost-effective solar energy decisions in Ottawa and ...

May 5, 2025 • We're excited to announce a major expansion of our rooftop solar installation on the Canada Science and Technology Museum in ...

