

# Ottawa grid modernization



## Overview

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Hydro Ottawa's grid modernization strategy is a comprehensive plan to address challenges including aging infrastructure, decarbonization and shifting customer expectations. This strategy will guide our investments toward a modernized smart grid. System planners at the time used 50 to 100 years of historical trends to. Bringing new innovations onto our electricity grid will ensure that Canada's electricity system continues meeting the needs of Canadians' homes and businesses — providing reliable, affordable and low-emissions power across the country. Today, the Honourable Tim Hodgson, Minister of Energy and. Demand for electricity in Ottawa is projected to soar over the next two decades, especially during the winter, and hundreds of millions of dollars worth of new infrastructure is being planned to ensure power continues to be sent throughout the Ottawa grid. All across Canada, from province to province to right here at home in Ottawa. Jenna Gillis, Manager of Distribution System Integration at Hydro Ottawa, joins thinkenergy to discuss the process. We commend the OEB Staff and DNV reports for providing a strong and thoughtful foundation, particularly in outlining the critical. Ottawa needs more local renewable energy that helps communities be more resilient to power disruptions. With the release of Hydro.

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### Hydro Ottawa

Hydro Ottawa advocates for a strategic, technically-informed evolutionary path that prioritizes real-time coordination, market enablement, and consumer protection to unlock the full potential of DERs for ...

### [Modernizing the electricity grid with the Advanced Distribution](#)

Listen to episode 136, as she shares how Ottawa's electricity grid is being updated with an Advanced Distribution Management System (ADMS) and what this means for you, your family, ...



### [Government of Canada invests in AI for smarter and more efficient](#)

"Integrating AI into electricity management will drive the creation of a smarter, cleaner and more reliable grid -- one that strengthens Canada's economy and positions Ottawa at the ...

### Grid modernization

Renewable energy will play an important role in supporting our community's growing electricity needs. As your local electricity provider, we are committed to facilitating this transition by modernizing our ...



### [Fiber Network Powers Hydro Ottawa's Smart Grid](#)

To move toward a smarter grid, Hydro Ottawa, the third-largest municipally owned electric utility in Ontario, Canada, unveiled its Grid Transformation Action Plan, a smart grid roadmap.



### [Hydro Ottawa applies to increase distribution rates to improve](#)

Ottawa residents could be paying more to turn on the lights over the next five years, as Hydro Ottawa plans hundreds of millions of dollars in spending to upgrade aging infrastructure and



### [Ottawa's energy future: modernizing our grid for a sustainable tomorrow](#)

As Ottawa evolves, so do our energy needs. To ensure a reliable, resilient and sustainable energy future, we are committed to modernizing our grid, something that all electricity ...



[Hydro Ottawa's rate plan falls short on community power innovation](#)

With the release of Hydro Ottawa's 2026-2030 electricity rate application, we were eager to see how the utility would support distributed energy resources (DERs) and transition toward a ...



[Ottawa's electricity use projected to surge, forcing grid expansion](#)

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