



Ottawa distributed energy systems

Does Hydro Ottawa support distributed energy resources?

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 more open, efficient, and participatory electricity grid. What we found was concerning. *More Spending, But on the Same Old Grid?*

What's going on with Hydro Ottawa?

This includes a recent investment of \$6 million through the Energy Innovation Program into Hydro Ottawa for an AI project. The investment is earmarked for the Ottawa Distributed Energy Resource Accelerator, or ODERA, program.

What is a distributed energy resource?

Distributed Energy Resource (DER) means an electricity source that is connected to a distribution system for the purpose of providing energy, typically through a connection on the customer-side of an ownership demarcation point. Sources generate electricity (e.g. generation facilities and energy storage facilities when discharging).

How will NRCan's Energy Innovation program Impact Hydro Ottawa?

"The \$6-million federal government investment in Hydro Ottawa through NRCan's Energy Innovation Program will help modernize energy use. It's encouraging to see Hydro Ottawa recognized as a leader in using innovation and AI to strengthen our electricity grid. Projects like ODERA will give residents and businesses more control over their energy use.

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Demonstrate the role of active electricity distribution systems in a modern electric power grid. Lay the groundwork for a more reliable and resilient electricity system. Explore cost-effective ...

Hydro Ottawa has received \$6 million in federal funding to apply AI to its electricity network. In a press release Thursday, Natural Resources Canada said the money will go to the ...

Hydro Ottawa's new rate plan includes big spending--but little action on local clean energy. Despite calls to adopt a modern "DSO" model that uses solar, storage, and other community ...

ODERA is key to unlocking the full potential of distributed energy resources to reliably meet the energy demands of tomorrow." Bryce Conrad President and Chief Executive Officer, Hydro ...

Breaking down Distributed Energy Resources, with Hydro Ottawa's Trevor Freeman Nov 25, 2024



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Hydro Ottawa is aligned to the strategic opportunities and high-level policy objectives for DSO capabilities, recognizing their potential for Ontario's energy evolution. We commend the OEB ...

The federal government is giving Hydro Ottawa \$6 million toward implementing artificial intelligence to predict when the electricity grid might face peaks in demand.

Work is progressing on a massive, \$1.3-billion transformation of the National Capital Region District Energy System in Ottawa and Gatineau.

The federal government says it is working to "ensure that Canada's electricity system continues meeting the needs of Canadians" homes and businesses." This includes a recent ...

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