
150-foot folding container for Ottawa power grid distribution station

How many substations does Hydro Ottawa have?

Ninety-two substations power all of Hydro Ottawa's customers across our 1,116 sq/km service territory. With a number of new stations in the planning, design or construction phase, that number is expected to grow over the next five years.

What is Hydro Ottawa's largest power station?

As Hydro Ottawa's largest station, Cambrian can power 32,000 homes annually. But what makes it really stand apart is its 15-acre pollinator meadow; one of the largest in eastern Ontario. Piperville (2026) The proposed Piperville Municipal Transformer Station will be the first-ever low-carbon substation for Hydro Ottawa.

What is a containerized mobile substation?

Containerized mobile substations are sheltered and address applications in challenging environmental conditions including areas with high pollution, high humidity, extreme temperatures or sand storms. Containers are easy to transport and fast to install, by reducing foundation works as well as installation and commissioning effort on site.

Where is Hydro Ottawa's last transformer station?

The last municipal transformer station that Hydro Ottawa built is on Cambrian Road in the south-west end of the city near provincial highway 416. Originally identified in 2008, it was approved by the Independent Electricity System Operator in 2016 and became fully operational in 2022 after an extensive public consultation process.

P& T Containers is a trusted name among the leading container suppliers in Ottawa, delivering top-quality shipping containers to meet diverse needs. Our wide range includes standard, high ...

The containerized mobile foldable solar panel is an innovative solar power generation device that combines the portability of containers ...

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That's exactly what container energy storage battery power stations are achieving today. These modular systems are revolutionizing how we store and distribute renewable ...

Smaller distribution substations are subdivided into container-sized modules, which can be manufactured, assembled and tested at the factory, allowing easy transport and fast ...

Shipping container solar systems are transforming the way remote projects are powered. These innovative setups offer a ...

What does a substation do? A substation is an essential delivery checkpoint for electricity on the power grid while on its way to ...

PPS (Packaged Power Station) is a modularized, mobile container power plant developed by PDV. The product is a complete solution that is highly ...

Distribution grid refers to the final stage of the electrical grid which distributes electricity to homes, industry, and other end users. ...

What does a substation do? A substation is an essential delivery checkpoint for electricity on the power grid while on its way to your home or business. The station's ...

PPS (Packaged Power Station) is a modularized, mobile container power plant developed by PDV. The product is a complete solution that is highly integrated and commercializes power ...

Power Distribution Centers Built using ISO shipping containers, these rugged and portable units are ideal for projects where speed, flexibility, and cost-efficiency matter most. ...

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