

What is Electricity Resilience?

Making sure our power stays reliable during storms, floods, and other climate impacts.

How is the Climate Changing in Nova Scotia?

- Nova Scotia is seeing more extreme weather: hurricanes and high winds, snow and ice storms, floods, and heatwaves.
- These events can knock out power and damage energy systems.
- Besides extreme weather, infrastructure costs can increase because of things like faster-growing plants, and more wildfires.

WHY IT MATTERS

Our power grid is at risk. Electricity resilience means preparing now to keep the power on later.

What Can You Do?

- Learn what climate impacts affect your area, such as hurricanes, heatwaves, or floods.
- Prevent local outages by trimming trees that are close to powerlines.
- Prepare your household for power outages by having a storm kit, and a backup power source.
- Take advantage of programs that support energy efficiency upgrades, such as insulation or backup systems.
- Stay informed – follow updates from trusted sources like your municipality and Emergency Management Office (sometimes referred to as EMO).

*A resilient system works best when we all take part.
Small actions at home make the whole system stronger.*

What's the Difference Between Adaptation and Mitigation?

- **Mitigation** means stopping climate change from getting worse by using less energy and choosing clean power.
- **Adaptation** means getting ready for bigger storms, floods, and heat so we can keep the lights on.
- **Resilience** means your property, community, and power is prepared for and can recover quickly after a bad storm or other climate impact.

We need adaptation to stay safe and keep power working during storms.



How is the Electricity Sector in Nova Scotia Adapting?

- Spending money to make our power lines and equipment stronger so they can handle storms better.
- Tools like batteries and solar power are supporting the renewable transition.
- Planning for climate impacts when building and making repairs.
- Sharing knowledge and working with partners to build stronger, climate-ready systems.



Resilience is about thinking ahead and working together.

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