



Powering Our Future: BC's Clean Energy Strategy

Powering Our Future: BC's Clean Energy Strategy outlines our vision of a clean, competitive inclusive BC that is powered by made-in-BC clean energy and achieves net zero emissions by 2050.

OUR OPPORTUNITY

- Power is critical to building a clean, competitive economy. Powering our future requires improving energy efficiency, rapidly expanding and diversifying clean electricity generation, and maximizing production of clean fuels like renewable natural gas, biofuels and hydrogen, while keeping power affordable for people and industry.
- Taking action to meet the challenge of climate change by expanding and upgrading the province's electricity grid, rapidly scaling up electricity generation, and producing clean fuels will create good jobs and economic opportunities throughout BC and new, mutually beneficial partnerships with First Nations.
- Energy security and stability is critical for people and industry. To keep energy affordable and reliable, we're building an integrated clean energy system in collaboration with utilities, First Nations, all levels of government, industry and the regulator.

We have identified ten focus areas to secure a clean energy future in BC:

1. USING ENERGY MORE EFFICIENTLY

Energy efficiency can lower costs for everyone by reducing the electricity we need to generate to meet increasing demand. By delivering enhanced supports for energy efficiency upgrades and new, optional rates that deliver savings for people when they use energy outside of peak hours, we're working together to cut energy waste and keep electricity affordable.

2. KEEPING ELECTRICITY AFFORDABLE

BC currently has the second-lowest residential electricity rates in North America, and the third lowest commercial and industrial rates. Maintaining our low-cost electricity advantage is critical as we make the switch to an economy built on low-carbon and renewable energy.

3. INCREASING AND DIVERSIFYING OUR PRODUCTION OF CLEAN ENERGY

Site C is scheduled to be fully in service in 2025, adding enough clean electricity to power half a million homes. In April 2024, BC Hydro issued a new call for power inviting proposals for generating more of the clean electricity needed to power our future. This call, which aims to generate enough electricity to power 270,000 homes by 2028 is the first of many that will be needed to rapidly scale up electricity generation to power a clean and competitive economy.

4. MAXIMIZING OUR PRODUCTION OF CLEAN FUELS

Clean fuels like hydrogen and renewable natural gas are critical to fueling a low-carbon economy. By maximizing production of these fuels in BC, we can create good jobs and new opportunities while tackling climate change and building a cleaner, more secure future.

5. BUILDING A GRID THAT CAN POWER THE FUTURE

BC Hydro is investing almost \$36 billion to upgrade the network of power plants, transmission lines, transformers and substations that generate electricity, move it and deliver it to people's homes through its ten-year capital plan.

6. SHARING THE BENEFITS OF CLEAN ENERGY DEVELOPMENT

Reconciliation means working together with First Nations to build a good future for everyone. By only allowing projects to proceed in partnership with local First Nations, we're focusing our effort on developing projects with strong support – and making sure benefits are shared with those who are most impacted.

7. PLANNING FOR A RESILIENT FUTURE

We're building a resilient, connected energy system that uses a mix of energy sources to sustainably meet people's needs, even when demand for energy spikes unexpectedly.

8. CREATING JOBS AND SUPPORTING SUSTAINABLE GROWTH

We're helping people get the skills they need to get good jobs building a clean and competitive economy that runs on renewable and low-carbon energy. We need skilled workers to rapidly expand production of electricity and clean fuels, upgrade our energy system to be more secure and resilient against climate change, and make homes and businesses more energy efficient.

9. SPARKING INNOVATION

Recognizing the need for continued innovation to cut carbon pollution in many sectors, government is supporting leading-edge efforts to reduce emissions and advance the technology we need to run the economy on renewable and low-carbon energy.

10. TRADING WITH OUR NEIGHBOURS TO BENEFIT BC

By building strong connections to other grids in the region, BC is not only making our grid more resilient, but also helping drive efforts to lower emissions across western North America. Trading power also helps keep rates more affordable for BC Hydro's customers.

A BETTER, CLEANER FUTURE FOR PEOPLE TODAY AND GENERATIONS TO COME

Powering Our Future: BC's Clean Energy Strategy is designed to put us on the path to a better, cleaner future for people today and for generations to come. These efforts will create jobs and opportunities throughout BC, while protecting people from the worst impacts of climate change.