

HTEC'S BURNABY CLEAN HYDROGEN PRODUCTION FACILITY

Hydrogen plays an important role in reducing carbon emissions.

HTEC works across the clean hydrogen value chain, developing, integrating, and operating hydrogen energy solutions to enable the transportation sector's transition to a low-carbon future. As part of these efforts, HTEC is constructing clean hydrogen production facilities to support British Columbia's growing network of fueling stations. This includes the development of the **Burnaby Clean Hydrogen Production Facility**.



HTEC designs, builds, owns and operates **Canada's first hydrogen fueling station network**.

PROJECT OVERVIEW

HTEC is building a hydrogen production facility in Burnaby, British Columbia, to supply low carbon-intensity hydrogen to its expanding network of stations, as well as supply offtake to external customers. The project also includes a liquid hydrogen transfer system that will provide critical supply redundancy for the fueling station network. The facility is expected to be operational in late 2024.

Key Project Information

- 1 tonne of **clean hydrogen** (also known as green hydrogen) will be produced on site via electrolysis every day
- A liquid hydrogen subsystem will provide up to an additional 1-tonne-per-day as needed
- Located on land which is zoned M3a (Heavy Industrial District)
- Well positioned to support Metro Vancouver's hydrogen fueling station network
- Burnaby is home to many of BC's leading hydrogen and fuel cell companies, and a supporter of a zero-emissions future

PROJECT BENEFITS



First at-scale H₂ electrolyzer in BC enabling decarbonization of transportation



>10,000 tonnes CO₂ emissions reduction potential per year



Protects and creates local jobs



Secures Burnaby and HTEC as leaders in the renewable energy transition

Safety First!

HTEC is committed to the highest level of safety and has 20 years of experience in designing and operating safe hydrogen systems. This project, like all HTEC hydrogen-supply solutions, will be designed to the most stringent safety codes and standards.

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