

LOWER FRASER



AT A GLANCE

- Located near Alexandra, Central Otago, South Island, New Zealand
- Part of a two-power station hydro scheme
- Lower Fraser station utilises storage from the Fraser Dam, completed in 1937
- Electrical equipment fully refurbished in 2001, with the turbine and generator replaced in 2015
- Doesn't meet certain carbon standards and voluntary global initiatives' asset-age criteria

YOUR CONTRIBUTION

- Supports Pioneer Energy's renewable generation project developments
- Strengthens Pioneer Energy's food waste-to-bioenergy project developments
- Sustains Pioneer Energy's commitment to upgrading existing sites

YOUR BENEFITS

- Reduce your reportable electricity-related emissions
- Report zero Scope 2 GHG emissions
- Support Aotearoa New Zealand's renewable future
- Meet stakeholder expectations on climate change
- Make traceable, credible and verifiable claims
- Stand out in marketing and sustainability reports
- Align with international leading standards (subject to generation asset-age limit criteria)

BRAVETRACE STANDARDS ALIGNMENT*



LOWER FRASER DOESN'T MEET CERTAIN ASSET-AGE CRITERIA. REPORTING PARTIES SHOULD CONSIDER WHICH CARBON STANDARD THEY ALIGN WITH.



REGISTRANT

PIONEER ENERGY

FUEL TYPE

HYDRO

TECHNOLOGY

RUN OF RIVER

COMMISSIONED

1 JANUARY 1954

CAPACITY (MW)

3.3

ANNUAL GENERATION (MWH)*

22,000

ASSOCIATED CARBON DIOXIDE (t/MWh)
ZERO (0)

TOTAL CARBON DIOXIDE EQUIVALENT (t/MWh)
ZERO (0)

ASSOCIATED FOSSIL METHANE (t/MWh)
ZERO (0)

TOTAL BIOGENIC CARBON DIOXIDE (t/MWh)
ZERO (0)

ASSOCIATED NITROUS OXIDE (t/MWh)
ZERO (0)

TOTAL BIOGENIC METHANE (t/MWh)
ZERO (0)