

HORSESHOE BEND HYDRO SCHEME



AT A GLANCE

- Located in Central Otago, South Island, New Zealand, in the scenic Teviot Valley
- Pioneer Energy Renewables' fifth station to be built on the Teviot River
- Water is supplied by Horseshoe Bend dam, NZ's first roller-compacted concrete dam
- In 2010, a larger generator transformer was installed to support the added Horseshoe Bend Wind Farm generation
- 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*



HORSESHOE BEND HS 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 1999

CAPACITY (MW)

4.3

ANNUAL GENERATION (MWH)*

22,085

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)