



25 November 2020

Taranaki Regional Council

Private Bag 713

Stratford 4352

Taranaki

By Email consents@trc.govt.nz

Trustpower Limited

Head Office
108 Durham Street
Tauranga

Postal Address:
Private Bag 12023
Tauranga Mail Centre
Tauranga 3143

F 0800 32 93 02

Offices in
Auckland
Wellington
Christchurch
Oamaru

Freephone
0800 87 87 87

trustpower.co.nz

APPLICATION FOR RESOURCE CONSENTS – TRUSTPOWER LIMITED’S MANGOREI HYDRO-ELECTRIC POWER SCHEME

Lodgement of Application

The Mangorei Hydro-Electric Power Scheme (“Scheme”) is owned and operated by Trustpower Limited (“Trustpower”) and is located within the Waiwhakaiho River catchment, southeast of New Plymouth.

The current resource consents for the Scheme were granted by the Taranaki Regional Council in 1996 and are due to expire in June 2021. Pursuant to sections 88, 124 and the 4th Schedule to the Resource Management Act 1991 (“RMA”), please see attached, by way of lodgement, an electronic copy of Trustpower’s application and Assessment of Environmental Effects (AEE) for various resource consents required for the ongoing operation of the Scheme. The initial application fee of \$10,062.50 was paid on 24 November 2020 through TRC Online Payment. Kindly confirm at your earliest convenience receipt of this application.

Background to the Scheme

The Scheme has been in operation (in a variety of configurations) for over 100 years and currently generates electricity by:

- Damming and diverting / taking water from the Waiwhakaiho River via a diversion weir and intake structure;



- The damming of the Mangamahoe Stream to form Lake Mangamahoe and the regulating of levels in the lake; and
- The diversion / take of water from Lake Mangamahoe via a tunnel and penstocks for the purposes of electricity generation at the Mangorei Power Station (and subsequent discharge back to the Waiwhakaiho River).

The Scheme plays an important regional role in the production of renewable electricity and has an installed generation capacity of 4.5 MW which generates approximately 20.9 GWh of electricity per annum. Through its connection to Powerco's electricity distribution network in New Plymouth, the Scheme contributes positively to the security of regional electricity supply and the Government's strategic targets for the generation of renewable electricity in New Zealand including as set out in the National Policy Statement for Renewable Electricity Generation.

Assessment of Environmental Effects

Trustpower has commissioned an extensive set of independent expert technical assessments that thoroughly assess the actual and potential effects associated with the continued operation of the Scheme. Those assessments have concluded that the effects are acceptable, although additional mitigation measures are proffered including additional flow releases in summer for the health of the Waiwhakaiho River, and improvements to the existing 'trap and transfer' programme in Lake Mangamahoe.

Overall, the technical assessments conclude that the continued operation of the Scheme can be undertaken in a manner that will appropriately sustain the key environmental values and health of the Waiwhakaiho River catchment.

Consultation and Cultural Impact Assessment

Trustpower commenced engagement with key stakeholders in 2018 with Fish and Game, the Department of Conservation, New Plymouth District Council and Council officers. Engagement with iwi and hapu have resulted in the formulation of the Mangorei Forum in 2019 which includes representatives of 11 hapu and iwi. The above stakeholders have all been provided site visits, draft versions of the technical assessments, presentations from some of the authors

Trustpower Limited

Head Office
108 Durham Street
Tauranga

Postal Address:
Private Bag 12023
Tauranga Mail Centre
Tauranga 3143

F 0800 32 93 02

Offices in
Auckland
Wellington
Christchurch
Oamaru

Freephone
0800 87 87 87

trustpower.co.nz



Better together.

of the technical reports and access to the authors for queries and discussion. Trustpower has incorporated and acknowledged much of the feedback and these have been incorporated into the AEE and the proposed consent conditions.

While cultural effects are addressed in the AEE principally in the context of the relevant statutory planning documents including the relevant provisions of the National Policy Statement on Freshwater Management 2020 such as Te Mana o Te Wai, Trustpower is working closely with the Mangorei Forum to develop a Cultural Impact Assessment to be drafted in 2021. Trustpower will update the Council regularly on the progress of this work.

Timing and Logistics

As per our recent discussion with Council, Trustpower would appreciate Council placing the application on hold while we develop the Cultural Impact Assessment through the Mangorei Forum.

Should you have any queries in the meantime, please contact me at any time.

Regards

Trustpower Limited

DocuSigned by:
Lisa Mead
E8B91611622845B...

Lisa Mead

Senior Environment Advisor

022 318 3946 or lisa.mead@trustpower.co.nz

Trustpower Limited

Head Office
108 Durham Street
Tauranga

Postal Address:
Private Bag 12023
Tauranga Mail Centre
Tauranga 3143

F 0800 32 93 02

Offices in
Auckland
Wellington
Christchurch
Oamaru

Freephone
0800 87 87 87

trustpower.co.nz