

19 December 2011

Westland District Council
Private Bag 704
HOKITIKA 7842
Attention: Martin Kennedy



and

West Coast Regional Council
PO Box 66
Greymouth
Attention: Rachel Clark

Dear Rachel and Martin,

KANIERE FORKS AND MCKAYS CREEK HEPS RECONSENTING APPLICATION

Further to your request for further information dated 19 September 2011, and our response of the 18th October, please find attached additional responses as are available. For ease of reference TrustPower Limited's summary of responses, in the same format as the responses dated 18 October. Once all the information is finalised we will forward a cohesive table responding to the Request for Further Information in its entirety for the submitters and hearings panel.

Accordingly, please see below TrustPower Limited's summary of responses. In addition, we attached the following documents:

- Attachment A** Economic Assessment from TrustPower Limited
- Attachment B** Construction Plan
- Attachment C** Landscape Rehabilitation Plan

With regard to the request for information relating to landscape matters, TrustPower Limited is currently waiting for the photo montages of the proposal to be completed, once these have been finalised Ms Buckland will provide a detailed landscape assessment responding to the question 5 from West Coast Regional Council and question 1 from Westland District Council. We anticipate forwarding this to you in January 2012.

If you have any queries, please do not hesitate to contact me on 021 796 670

Yours faithfully

PLANIT R W BATTY & ASSOCIATES LTD

Matt Bonis

ASSOCIATE

A handwritten signature in blue ink, appearing to read "Matt Bonis", is written over a horizontal blue line.

Our ref.: 12 668

West Coast Regional Council Further Information Request (RMA – s.92)

Matter	Reason	Information Required	TrustPower's Response
11. Benefits of additional generation capacity	The proposal increases the generation capacity of the existing scheme results in additional/changes in the environmental effects.	a) Provide further detail on the benefits of the enhancements to the generation capacity of the schemes.	<p>a) TrustPower Limited have provided a report detailing the benefits of the enhancements to the generation capacity of the schemes. Mr Shelton has advised that the proposal will increase the generation capacity of the Schemes from 1.53MW to 4.5MW and improve the economics of the Schemes. Further, the proposal will provide the basis to improve efficiency of the existing turbines and enable the full flow of the river to be utilised twice through the change to the location of the Kaniere Forks discharge to Wards Road, resulting in a more efficient use of the natural resource.</p> <p>In addition, the increase in consented flow will enable greater generation when lake levels are high, providing for approximately 200% increase in generation during times of peak demand. Refer Attachment A.</p>

Westland District Council Further Information Request (RMA – s.92)

Matter	Reason	Information Required	TrustPower's Response
5. Project timing	To fully understand the period over which construction, rehabilitation and commissioning will occur	a) Provide a project time line / schedule setting out anticipated construction works, rehabilitation, and commission. For the Kaniere HEPS this would include closure and opening of the cycle / walkway.	a) A copy of the Draft Construction Plan is attached as Attachment B . It is noted that TrustPower intends to construct the Kaniere Forks HEPS as a single continuous project utilising a number of specialist contractors and sub-contractors working collaboratively as required throughout the procurement, construction and commissioning stages of the scheme. The main construction phase, including landscape rehabilitation will take approximately 48 weeks. Further details of the construction period are provided in Appendix B to Attachment B .
9. Context	To fully understand the need for, and place of the enhanced schemes in the District and Regional electricity framework	a) Detail and assess the role the existing and enhanced schemes play in the network of supply of electricity on the West Coast, and in particular the Westland District.	a) Westland District is a net importer of electricity. Reliance on imported electricity results in increased electricity prices, passed onto consumers as higher electricity prices, transmission of electricity leads to electricity losses and reliance on distant supplies of electricity increases the likelihood of disruptions to supply. Further, it is noted that the existing HEPS infrastructure are over 70 years old and require significant investment.

Matter	Reason	Information Required	TrustPower's Response
		<p>b) Detail and assess the need for or benefit of increased hydro-electric generation within the Region and District.</p>	<p>The proposal will increase generation by 2.97MW, providing electricity supply for approximately 2,500 households. Whilst this will go some way to increasing the generation capacity of the area, the District will continue to be a net electricity importer.</p> <p>The enhancement of the two existing HEPS, including maintaining existing infrastructure where possible, will improve efficiencies and generating capacity with reduced impact on the environment compared to a new scheme. Refer Attachment A.</p> <p>b) It is considered that the proposed enhancement schemes will go some way to reducing the dependence of the West Coast on imported electricity and contribute to increased security of supply by providing local, distributed electricity generation. Mr Shelton has outlined a number of benefits that will result from this proposal as follows:</p> <ul style="list-style-type: none"> • Security of supply through reduction in dependence on the national grid; • Reduction in greenhouse gas emissions through increasing electricity production through the use of renewable resources; • Reduction in the loss of electricity through transmission; and • Contributing to the New Zealand Government policy and the renewable energy targets, and New Zealand's obligations under the Kyoto Protocol. <p>Refer Attachment A.</p>