

# SUBMISSION ON MIGHTY RIVER POWER LTD APPLICATIONS FOR RESOURCE CONSENT

Section 145 of the Resource Management Act 1991

To: Freepost Call In  
Ministry for the Environment  
PO Box 10362  
The Terrace  
Wellington 6143

RECEIVED  
20 FEB 2009

Email: turiteacallin@mfe.govt.nz  
Fak: 04 439 7705  
[Note: If you are emailing or faxing your submission, please mark in the subject line: 'Turitea Call In']

This submission relates to the applications for resource consent lodged by Mighty River Power Ltd for the Turitea Wind Farm proposal as identified on the next page.

## CLOSING DATE AND TIME FOR SUBMISSIONS: 5.00 PM MONDAY 23 FEBRUARY 2009

Title: Mr ~~Mrs~~ ~~Miss~~ ~~Ms~~ (Please circle the appropriate title(s) or print clearly below)

My/Our Full Name(s): IAN FREDERICK HOLGATE FURKERT

Postal Address: KAHUTERAWA ROAD, RD 4, PALMERSTON NORTH

Work Ph: (06) 356-9099 x2201 Home Ph: Cell:

Work Fax: Home Fax: Email: i.f.furkert@massey.ac.nz

Please tick the relevant boxes on the next page to identify whether you are making a submission on all applications for resource consent or just some of them (please identify).

Please also indicate on the back of this form (✓) whether you support, oppose, or are neutral in relation to the applications. If you are making a submission only on parts of an application for resource consent, please note this when specifying the reasons for your submission.

The reasons for my/our submission are:

If you are attaching further information tick for yes

My family lives within approximately 1km of the nearest proposed turbine.

Please use more pages if you need to.

I/we seek the following decision from the Board of Inquiry (provide precise details including the nature of any conditions sought):

Please use more pages if you need to.

Use a clear tick in the appropriate box below (✓)

I/we wish to be heard in respect of my/our submission (to speak at the public hearing).

I/we DO NOT wish to be heard and hereby make my/our submission in writing only.

Signature(s): [Handwritten Signature]

Date: 18/2/09

(Signature of submitter, or person authorised to sign on their behalf is required. Note signature is not required for electronic (email) submissions. If this is a joint submission by two or more individuals, each individual's signature is required.)



Use the tick boxes below to indicate the called-in applications for resource consent that your submission concerns.  
Use a clear tick in the appropriate box or boxes (✓).

I/we make my/our submission concerning all applications for resource consent below

OR

My/our submission only concerns the applications for resource consent that I/we have ticked below:

Support Oppose Neutral

	Support	Oppose	Neutral
<b>Manawatu-Wanganui (Horizons) Regional Council – Land-use Consents</b>			
104553: for vegetation clearance and land disturbance in rare or threatened habitats, near streams and on highly erodible land throughout the general wind farm site.			
104554: for the construction of a double culvert in an un-named tributary of the Kahuterawa Stream as shown on the included map.			
<b>Manawatu-Wanganui (Horizons) Regional Council – Discharge Permits</b>			
104555: for the discharge of dust to air from the concrete batching plants to be located as generally shown on the included map.			
104556: for the discharge of dust to air from the mobile crushing plant throughout the general wind farm site.			
104557: for the discharge of wastewater from two operations and maintenance facilities to land to be located as generally shown on the included map.			
104558: for the discharge of stormwater from substations to land to be located as generally shown on the included map.			
104559: for the discharge of cleanfill to land in the form of spoil disposal sites throughout the general wind farm site.			
104560: for the discharge of stormwater from roads, turbine platforms and other areas to land.			
<b>Palmerston North City Council – Land-use Consents</b>			
RC0068: <ul style="list-style-type: none"> <li>to establish and operate a wind farm in the areas within the Palmerston North city jurisdiction as generally shown on the included map</li> <li>to undertake earthworks associated with tracking and roading, turbine construction and associated buildings in the areas within the Palmerston North city jurisdiction as generally shown on the included map</li> <li>for the western side of Pahiatua Aokautere Road not meeting access requirements at the location shown on the included map</li> <li>for the storage of diesel (10,000 L) in bunded areas outside the Turitea water supply catchment, generally located at the two substation laydown areas shown on the included map, that exceeds the 0.2 effects ratio maximum in the rural zone</li> <li>for the construction of a 220 kV electricity transmission line and substations as shown on the included map.</li> </ul>			
<b>Taranua District Council – Land-use Consents</b>			
1448: <ul style="list-style-type: none"> <li>for a wind farm (which is not listed as a permitted or controlled activity) in the areas within the Taranua District as generally shown on the included map</li> <li>for land disturbance of more than 200 m<sup>2</sup> of soil and cleanfill material associated with tracking and roading, turbine construction, spoil disposal and other associated works in the areas within the Taranua District as generally shown on the included map</li> <li>for upgrades to South Range Road and the construction of new site access at the location shown on the included map</li> <li>for turbine and wind monitoring mast structures not meeting height requirements within the Taranua District</li> <li>for the modification of a Significant Natural Feature in Schedule 3.3 (ie, Taranua Ranges Ridgeline)</li> <li>for not meeting noise requirements</li> <li>for clearance of indigenous vegetation in the areas within the Taranua District as generally shown on the included map.</li> </ul>			

**NOTE: A copy of this submission form MUST also be sent to Mighty River Power Ltd at:**

Freepost – MRP  
Mighty River Power Ltd  
PO Box 445  
Hamilton 3240  
Attention: Stephanie Froggatt

Or email [turitea@mightyriver.co.nz](mailto:turitea@mightyriver.co.nz) or fax (07) 857 0192

I/we have sent a copy of my/our submission to Mighty River Power Ltd as per Section 96(4) of the RMA.



Ministry for the  
**Environment**  
Manatū Mo Te Taiao

New Zealand Government

I wish to support the application for resource consent for the Turitea Wind Farm. Wind generation is a very desirable energy source. While wind turbines are very obvious on our hills, they are by no means unpleasant to look at in the opinions of myself and my family.

I believe that the Board of Inquiry must set conditions that protect the environment and the quality of life of nearby residents who may be affected.

Great sympathy is due to those distressed by the nearness of turbines or work disruption to their homes and I hope no-one is forced to have turbines overly near their residence. Those who have their property values depressed after completion of construction should receive compensation for that. Those who are near the main transmission line may be a case in point.

In my case noise and vibration are the only factors that could significantly impinge upon my property. Theoretically individually the turbines are likely to be inaudible where we live but there exists some possibility of reverberation or wave reinforcement of low frequencies within the valley, especially when (as is often the case) it is windy on the hills above and calm below in the valley. My household also has an

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individual who is more than averagely sensitive to low frequency sound.

No-one should lose the utility of their home, the ability to get healthful sleep or the enjoyment of quiet country life that they have sought out, by virtue of new land uses unable to be anticipated when they committed themselves to a location.

Therefore there should be some provision for ameliorating such a situation, should it arise. The Motonima Windfarm was consented with a reasonable standard of protection which I look to as the minimum benchmarks for consent conditions for the Turitea Wind Farm. In particular the provision of a 'hotline' to enable prompt modification of turbine rates if residents experience untoward reverberation, ~~reverberation~~ reinforcement or other standing wave phenomena is an essential tool and reassurance.

With regard to the environment the Board has several areas to consider. The local community and all consumers of water from the Turitea catchment will be expecting that the windfarm must be constructed, and run, to minimise dust, sediment run-off, cement and hydrocarbon fluids damaging land and water. The consent must set limits and controls as appropriate to achieve that.

The forested area is of ecological significance and will inevitably be damaged by roading, construction and fill dumping. This can be

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compensated for, in part, by requiring the PNCC to spend some of the revenues it earns from the windfarm on enhancements such as pest control, revegetation where required and possibly reintroduction of native species no longer present in the area (if viable).

