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23 FEB 2009

**SUBMISSION ON MIGHTY RIVER POWER LTD APPLICATIONS FOR RESOURCE CONSENT**  
*Section 145 of the Resource Management Act 1991*

To: Freepost Call In OR Email: turiteacallin@mfe.govt.nz  
Ministry for the Environment Fax: 04 439 7705  
PO Box 10362 [Note: If you are emailing or faxing your submission,  
The Terrace please mark in the subject line: 'Turitea Call In']  
Wellington 6143

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): MATTHEW ROBERT F. FERROTT

Postal Address: 75 MARNE STREET ; PALMERSTON NORTH

66 Work Ph: 356 9099 x 7035 Home Ph: (06) 357 3268 Cell: 0211 377 596

Work Fax: Home Fax: Email: M.R.ferroff@massey.ac.nz

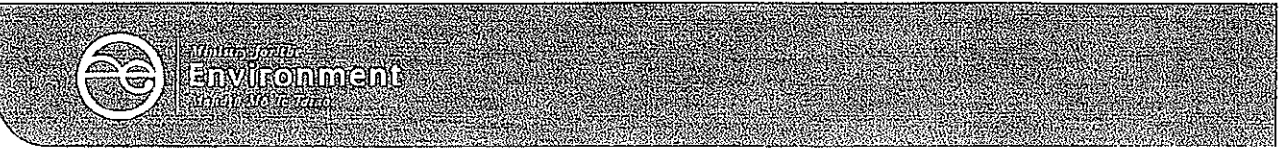
Please tick the relevant boxes on the next page to identify whether you are making a submission on all applications for resource consent or just some of them (please identify).  
Please also indicate on the back of this form (✓) whether you support, oppose, or are neutral in relation to the applications. 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: *See attached*  
If you are attaching further information tick for yes   
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): M.R.ferroff Date: 23-2-09

(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

Manawatu-Wanganui (Horizons) Regional Council – Land-use Consents

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 unnamed tributary of the Kahuterawa Stream as shown on the included map.

Manawatu-Wanganui (Horizons) Regional Council – Discharge Permits

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 and 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.

Palmerston North City Council – Land-use Consents

RC0068:

- to establish and operate a wind farm in the areas within the Palmerston North city jurisdiction as generally shown on the included map
- 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
- for the western side of Pahiatua Ankaure Road not meeting access requirements at the location shown on the included map
- for the storage of diesel (10,000 l) in bonded areas outside the Tuhiwa 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
- for the construction of a 2.2M kW electricity transmission line and substations as shown on the included map.

Taranaki District Council – Land-use Consents

1448:

- for a wind farm (which is not listed as a permitted or controlled activity) in the areas within the Taranaki District as generally shown on the included map
- 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 Taranaki District as generally shown on the included map
- for upgrades to South Range Road and the construction of new site access at the location shown on the included map
- for turbine and wind monitoring mast structures not meeting height requirements within the Taranaki District
- for the modification of a Significant Natural Feature in Schedule 3.3 (ie, Taranaki Ranges Ridgeline)
- for not meeting noise requirements
- for clearance of indigenous vegetation in the areas within the Taranaki District as generally shown on the included map.

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 [turilea@mightyriver.co.nz](mailto:turilea@mightyriver.co.nz) or fax (07) 257 0110

I/we have sent a copy of my/our submission to Mighty River Power Ltd as per Section 26(4) of the RMA.



Environment

New Zealand Government

Submission: MRP resource consent. Reasons for submission.

1. To provide a view point for the wind farm that is not based on self interest.  
Viz I do not benefit from wind rights or any other ownership-based site lease.
2. To support open intelligent debate and also the suggestion that guidelines for wind farms be established.

Every community will have people who oppose change (largely) based on the "Not in my back yard" mentality. I have observed that many people agree with the principle of sustainable (renewable) methods of power generation but are not willing to accommodate a (perceived) detrimental impact to skylines in the Manawatu. Fortunately, or unfortunately depending on your view, the back yard of the Manawatu is extremely well endowed for wind powered electricity generation. Human activity consumes increasing amounts of power. People want more comfort and use increasing numbers of electricity consuming appliances. The reality is that this demand needs to be met and, in my opinion, from renewable and non-polluting sources. Improvements in the building code for mandatory double glazing and thermally efficient housing stock will take years to flow through into reduced demand for electricity. Therefore, I back resource consent to allow the development of wind farms on principle. Wind generation is not rocket science but based on mechanical and electrical engineering principles. If current technology has some shortfalls, and there are vocal detractors, that is not an argument in itself for abandoning the technology. Rather it is an argument to improve the technology by informed investment in the best products by the best companies with the best R&D history.

For an analogy, look at the improvement in automobile efficiency over the last 100 years or even the humble bicycle over the last 20 years.

I am certain that there will be year upon year improvements in wind generation technology. It is possible that less imposing structures will perhaps be the 'state of the art' in the future. It could be that NZs of the Manawatu will use the local observation and experience to innovate and move the industry forward.

On the positive side of the agenda for MRP and horizons council to work towards is the provision of predator-proof fencing and pest control for the Turitea water catchment area. This has shown proven eco benefits in Wellington with Karori wildlife sanctuary allowing native birds to breed and disperse.

