

Steve Rice

From: TPCallin [TPCallin@mfe.govt.nz]  
Sent: Tuesday, 25 September 2007 10:01 a.m.  
To: rice-resources-ltd@clear.net.nz  
Subject: FW: Grid Upgrade Submissions

RECEIVED ON

25 SEP 2007

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From: anonymous@createhosting.net.nz [SMTP:ANONYMOUS@CREATEHOSTING.NET.NZ]  
Sent: Tuesday, September 25, 2007 9:57:43 AM  
To: boisub@notowers.co.nz  
Subject: Grid Upgrade Submissions  
Auto forwarded by a Rule

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Name: Steven McKeating  
Phone: 09 627 2633  
Email: cosmicfire2020@hotmail.com  
Yes: I/we wish to be heard in support of my/our submission at the public hearing, and expect I will need between one and two hours to present my evidence. I would like the location of the portion of the hearing which will receive my evidence to be held in a local venue near to where I live.  
submitter: Steven McKeating  
A: copy of this submission has been emailed to Transpower.  
Scope: This submission covers all notices of requirements and applications for resource consents relating Transpower's applications that will be heard by this Board of Inquiry. The references are NORs 27619, L07089, DES0011/07, RMR200621, DN/0006/07, 240/021, RM070209, and resource consents 34102, 34370, 34372, 34373, 34711, 34712, 116902, 116903, 116904, 116905, and any other NORs or resource consent applications that may subsequently be filed or altered. We oppose all of these NORs and applications for resource consent.  
Re: This submission relates to the notices of requirement and/or applications for resource consent, lodged by Transpower New Zealand Ltd for the North Island Grid Upgrade Project, and identified above.  
Remote Name: 203.184.55.210  
Date: 25 September 2007

Address:

628 Blockhouse Bay Rd

Blockhouse Bay

Reasons:

I am completely opposed to Transpower's intention to build this un-needed line, as the demand growth projections of the Electricity Commission (2007 SOO) do not justify its construction. The scale and capacity of this proposed 400kV capable line is completely out of alignment with the expected requirements for transmission capacity into Auckland to meet demand growth in the next 40 years. The potential new generation capacity likely to be constructed in the Auckland region in the next 40 years has been grossly underestimated in an attempt to justify this line as one of national significance and urgency.

The proposed activity will affect public health which is in conflict with both the Resource Management Act and the Auckland City District Plan , policy 1.

"Utility services shall be provided in a safe and efficient manner which: promotes the health and well-being of the community"

The proposed uprating of the transmission lines, which increases the amount of electromagnetic field (EMFs) does not take into account the most recent evaluations about the effects of long term chronic exposure to extremely low frequencies (ELF: 50Hz) on our health and in particular the health of our children. See SAGE report (weblink: [http://www.dh.gov.uk/en/Policyandguidance/Healthandsocialcaretopics/DH\\_](http://www.dh.gov.uk/en/Policyandguidance/Healthandsocialcaretopics/DH_)

4089500. I believe that Transpower's proposal will compromise our health, by exposing communities to EMF levels, which are recognised internationally as conferring significant risk. The effects can be avoided and sustainable alternatives should be properly investigated.

The pylons do not comply with the The Auckland City District Plan Rule 4A.4.9.1 Visual Amenity states that:

"Utility services, equipment and structures shall not obstruct any single view to Auckland's Harbours, volcanic cones or other landscape features..."

The pylons are ugly and outdated technology, they are intrusive and effect the public enjoyment of the New Zealand landscape.

For the relevant councils the loss in rateable value for the properties surrounding and underneath the existing lines must be significant.

With increasing awareness of the health concerns and as new overseas evidence comes to light, 'injurious effect' is likely to occur to residents with property values being immediately effected by the proximity to pylons.

Transpower should be implementing a safer longer-term strategy for the area, taking into consideration the purpose of the Resource Management Act.

Better equal benefit alternatives to this proposed line are available that have a much reduced environmental impact, such as more generation in the Auckland region, duplexing and reconditioning of the Whakamaru A, B and C lines, use of HVDC transmission technology which will be less obtrusive and easier to underground, more extensive use of undergrounding of HVAC lines, and consideration of new conventional small scale 220kV transmission lines.

I oppose this line being built on a 65 metre wide easement, when a 600 metre wide easement, free of houses and workplaces, should be required as a precautionary principle to reduce future health risks and environmental impacts.

I oppose large scale HVAC transmission lines being built on narrow 65 metre wide easements because of the EMF emissions and ionized particle emissions that will come from this line, which have been proven to cause numerous diseases, including childhood leukaemia.

I oppose these applications because Transpower has falsely (and perhaps criminally) tried to justify the need for this line being built by using out of date and inaccurately high demand growth forecasts (2005 SOO), have not included the cost of environmental impacts in their justifications, and are providing misleading and inaccurate costings of the real alternative options to this line that should be considered.

Therefore:

I seek the following decision from the Board of Inquiry. That the application for Notices of Requirement and Resource Consents should be turned down completely, and Transpower directed to investigate generation, conservation and transmission alternatives that will avoid this line being built under any circumstances.

I explicitly do not want the Board of Inquiry to approve the applications subject to

conditions - I want the applications turned down in whole.