

# SUBMISSION ON TRANSPOWER'S NOTICES OF REQUIREMENT AND APPLICATIONS FOR RESOURCE CONSENTS

Section 145 of the Resource Management Act 1991

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To: Minister for the Environment  
Freepost Grid Upgrade Submissions  
PO Box 4405  
Hamilton East  
HAMILTON 3247

OR Email: tpcallin@mfe.govt.nz  
Fax: 04 439 7700

[If you are emailing or faxing your submission, please make it for the attention of "Grid Upgrade Submissions"]

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 on the next page.

## CLOSING DATE FOR SUBMISSIONS: 5 OCTOBER 2007

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

My/Our Full Name(s): N. J. Sweetman.

Postal Address: 261 Gray Road RD4 CAMBRIDGE

Wk Ph: (07) 8278147

Hm Ph: (07) 8278141

Cell: 021 735540

Wk Fax:

Hm Fax:

Email: n.sweetman@xtra.co.nz.

Please tick the relevant boxes on the next page to identify whether you are making a submission on all notices of requirement and applications for resource consents 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 notices of requirement and applications for resource consents. If you are making a submission only on parts of a notice of requirement or application for resource consents, 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

Transpower's project (400KV) should be scrapped and disallowed on the basis of the SEVERE Environmental and visual impact. This proposal is a total "over-build" based on poorly calculated and projected load levels. Generation nearer the major city (AUCKLAND) makes better sense. NZ should be (and is) learning to conserve and save electricity and resources. This is in complete contrast to Transpower's thinking! 220KV/400KV dangerous to health.

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

Board should disallow and turn down Transpower's 400KV capable, 70 metre high Pylon construction on the grounds of severe environmental and visual impact, and a complete overbuild. Upgrade and operate existing lines. If needed in the future, consider designing a 220KV capable line with monopoles no higher than 30 metres and consider HVDC as is the current European trend and thinking. Better suited to modern forms of generation, eg wind, wave etc. Visually more acceptable, less health risk and modern.

Please use more pages if you need to.

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

I/we wish to be heard in support 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): [Signature]

Date: 19th September, 2007.

(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.)



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

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

I/we make my/our submission concerning all notices of requirement and applications for resource consents below

OR  
My/our submission only concerns the notices of requirement and applications for resource consents that I/we have ticked below:

	Support	Oppose	Neutral
<b>Manukau City Council</b>			
Pakuranga Substation Notice of Requirement. Reference Number: 27619			
Otahuhu Substation Notice of Requirement. Reference Number: 27619			
Brownhill Substation Notice of Requirement. Reference Number: 27619			
Underground Cable – Pakuranga to Brownhill Notice of Requirement. Reference Number: 27619			
Underground Cable – Otahuhu to Brownhill Notice of Requirement. Reference Number: 27619			
Overhead Line Notice of Requirement. Reference Number: 27619		✓	
<b>Franklin District Council</b>			
Overhead Line Notice of Requirement. Reference Number: L07089		✓	
<b>Waikato District Council</b>			
Overhead Line Notice of Requirement. Reference Number: DES0011/07		✓	
<b>Matamata-Piako District Council</b>			
Overhead Line Notice of Requirement. Reference Number: RMR200621		✓	
<b>Waipa District Council</b>			
Overhead Line Notice of Requirement. Reference Number: DN/0006/07		✓	
<b>South Waikato District Council</b>			
Overhead Line Notice of Requirement. Reference Number: 240/021		✓	
<b>Taupo District Council</b>			
Overhead Line Notice of Requirement. Reference Number: RM070209		✓	
Whakamaru and Whakamaru North Substation Notice of Requirement. Reference Number: RM070209		✓	
<b>Auckland Regional Council – Resource Consents</b>			
<i>Pakuranga to Brownhill Underground Cable Resource Consents</i>			
Application 34102: Land Use Consent for earthworks			
Application 34370: Discharge of Contaminants to land from ancillary activities that produce wastewater or washwater			
Application 34372: Works in the Bed of a Watercourse			
Application 34373: Diversion of Surface Water			
<i>Overhead Line and Brownhill Substation Resource Consents</i>			
Application 34711: Land Use Consent for earthworks			
Application 34712: Discharge of Contaminants to land			
<b>Environment Waikato – Resource Consents</b>			
<i>Overhead Line and Whakamaru North Substation Resource Consents</i>			
Application 116902: Land Use Consent for vegetation clearance and earthworks		✓	
Application 116903: Discharge Permit for the composting of vegetation		✓	
Application 116904: Land Use Consent for the drilling of tower foundation below the water table		✓	
Application 116905: Discharge Permit for the discharge of site water and drilling fluids from drilling activities into surface water.		✓	

**NOTE:** A copy of this submission form must also be sent to Transpower as soon as possible at:  
North Island Grid Upgrade Project, Transpower Freepost 182915, PO Box 1021, Wellington  
or email [submissions@transpower.co.nz](mailto:submissions@transpower.co.nz) or fax 04 819 7624.

I/we have served a copy of my/our submission on the applicant per Section 96(4) of the RMA.



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

N J Sweetman  
Gray road  
RD4  
CAMBRIDGE

email: n.sweetman@xtra.co.nz

Dear Sir/Madam

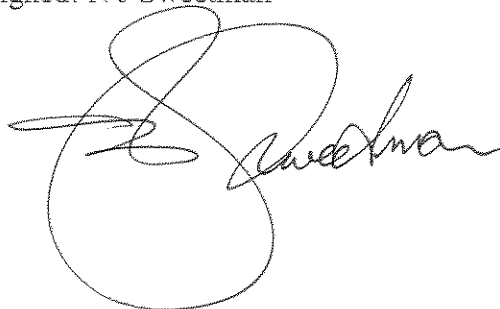
In addition to my submission opposing Transpowers proposed major Grid upgrade, I would like to relay my families own personal experience of living long term close to the current transmission line on exactly the same route that Transpower proposes, through Te Miro and where it crosses Gray road.

We lived in a house ( not our present one ) that is near to this line. It carries 110kv when it is in use. We lived close to this line for a period of approx 12 years. Although not experiencing health problems during that time, soon after we moved, I contracted a malignant tumour on my scalp that was surgically removed. My only son went on to contract severe clinical depression and was for many years suicidal and was close to being admitted into respite care. My only daughter has contracted a severe and unusual form of blood disorder with part of her immune system "missing" and requires blood tests that need to be sent overseas because of the rarity. Her condition requires constant monitoring.

Before this discovery, my daughter had a child, her first. It was born premature at 32 weeks, and later went on to contract Acute Lymphoblast Leukaemia. This involved 2 and half years of travel to hospitals etc and is also ongoing in terms of treatment and monitoring.

Now, is this all coincidental? There is absolutely NO wider family history of any of these diseases or health issues! None. I believe there is a connection between our time near these lines and our health issues and feel much more research needs to be done into the health effects of transmission lines, "field effect" and radiation. If 110kv is dangerous, what is 400 kv going to do? Corridors would need to be VERY wide. Better still design and build something more modern, visually suitable, and safer. Low height mono poles and HVDC would be a good start.

Signed: N J Sweetman

A handwritten signature in black ink, appearing to read 'N J Sweetman', written over a large, loopy circular scribble.

20th September, 2007.