

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

Section 145 of the Resource Management Act 1991

RECEIVED ON

- 5 OCT 2007

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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): Alan Rupert Sutton / Denise Maxine Sutton

Postal Address: 92 Mangatea Road, R.D 4 Ohinewai.

Wk Ph: — Hm Ph: 07 8244858 Cell: 0274 381945 / 0274 963 955

Wk Fax: — Hm Fax: 07 8244861 Email: a.m.sutton@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

see attached sheets

Please use more pages if you need to.

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

see attached sheets

Please use more pages if you need to.

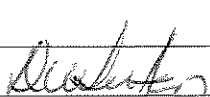
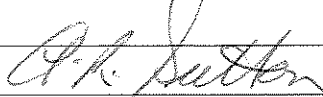
Use a clear tick in the appropriate box below (✓)

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

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

Signature(s):

Date:

3-10-2007

(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.)



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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 (✓).

~~My~~/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 ~~it~~/we have ticked below:

	Support	Oppose	Neutral
Manukau City Council			
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			
Franklin District Council			
Overhead Line Notice of Requirement. Reference Number: L07089			
Waikato District Council			
Overhead Line Notice of Requirement. Reference Number: DES0011/07		✓	
Matamata-Piako District Council			
Overhead Line Notice of Requirement. Reference Number: RMR200621			
Waipa District Council			
Overhead Line Notice of Requirement. Reference Number: DN/0006/07			
South Waikato District Council			
Overhead Line Notice of Requirement. Reference Number: 240/021			
Taupo District Council			
Overhead Line Notice of Requirement. Reference Number: RM070209			
Whakamaru and Whakamaru North Substation Notice of Requirement. Reference Number: RM070209			
Auckland Regional Council – Resource Consents			
<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			
Environment Waikato – Resource Consents			
<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 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.



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Attachment to objection lodged by A R Sutton and D M Sutton:

Ref No DES0011/07

Property ID : 123772

The reasons we oppose the proposal by Transpower to construct a 400kV transmission line from Whakamaru to Auckland are :

- 1) The capacity of the proposed O/H line is vastly in excess of the likely demand, usage at the 'user' end (Auckland) ; and also vastly in excess of the generating capacity available at the generation end (Whakamaru).
- 2) Line Losses : Whatever the capacity of the transmission line there will inevitably be line losses. Even at 400kV these will be very substantial, and thus it is far more efficient to locate generation as close as possible to points of consumption.
- 3) In his call in notice, the Minister acknowledges that if the proposed transmission upgrade proceeds " it is likely to result in, or contribute to, significant or irreversible changes to the environment."
- 3a) Not least of these is the visual pollution caused by 200 km of pylons varying from 40m to 70m in height - the average height being nearly double that of the existing pylons.

A and M Sutton submit that for these three reasons alone the Board of Inquiry should recommend to the relevant Ministers that the 400kV transmission line project should be abandoned immediately.

In addition to the general concerns adumbrated above, there are objections of a more site-specific nature :

- 4) While the current plans do not require the siting of a pylon on their land at 92 Mangatea Road a span of the proposed line will bisect their 31.8 ha property and if the provisions of the proposed easement remain as written, there will be detrimental and injurious affection to their property that will be both immediate and long-standing. (See cadastral photos on which their title is delineated : referenced parcel I.D 4326154)
- 5) The route as proposed for the 400kV line will pass as close as 180m from the Sutton's residence and to date there has been no definitive or conclusive evidence that the radiation / ionisation effects resulting from the electro-magnetic force field generated by the proposed transmission line will not affect the health and welfare of those

6) While the Suttons have been resident at their current home for six years, they have heard, albeit anecdotal, stories of the Mangatea Valley being subject to ball lightning strikes in years past. Manifestly Transpower will plan to mitigate direct lightning strikes, but ball lightning is quite another matter and obviously will be a serious risk to security of supply.

7) Possible future developments: In the limited time available to make this submission the Suttons have been unable to obtain comprehensive legal advice as to the implications of what is contained in the draft easement documents.

A and M Sutton therefore give public notice, through this submission, that if, in the future they are compelled by law to consent to a 400kV transmission across their land, such easement will be limited to the power line only and no portion of the easement may be sub-leased or assigned for any other purpose eg. a fibre optic cable atop any pylon (which could be 70 m high).

For the above reasons A and M Sutton oppose the 400kV transmission line that has been proposed by Transpower. Nor will they consent to the Board of Inquiry allowing the application in part by means of granting the applications subject to conditions.

8) A and M Sutton acknowledge that greater Auckland will need ever-increasing supplies of electricity, but they submit that this proposal is quite the wrong way to solve this problem. They suggest that Auckland's problems can be overcome by a mixture of the following:

- a) Vastly improved energy efficiency measures - specially industrial and commercial users - including the introduction of time of day metering;
- b) A 'crash' Government - led programme to install solar hot water heating in domestic and commercial users; and
- c) the government giving immediate and concentrated attention to the installation of photovoltaic cells and/or wind generation for electricity generation in all new residential and commercial buildings, together with the efficiency and effectiveness of retro/fitting such generators to existing homes.

Final point: Transpower - owned by the people of New Zealand - proposes to spend hundreds of millions of dollars on a project that will inevitably overrun all best possible cost estimates; be over-engineered to gold-plate standard; and will be an environmentally offensive excrescence commemorating those who adore spending other peoples' money.