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From our office at PAPAURA, New Zealand
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OUR REF Mr P R Saunders
 TO Minister for the Environment
 CITY Hamilton East
 ATTENTION **GRID UPGRADE SUBMISSIONS**
 FAX NUMBER 04 439 7700

CLIENT REF: gle12249
 NO OF SHEETS (INCLUDING THIS ONE):
 DATE 4 OCTOBER, 2007

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RE: GLENHAVEN FARM LIMITED – GRID UPGRADE SUBMISSION

We enclose on behalf of Glenhaven Farm Limited, Grid Upgrade Submission for filing.

The signed original of the Submission will follow in the mail.

Yours faithfully
INDER LYNCH

per: 
 P R Saunders
 Partner

25/08/2007 19:03

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GLENHAVEN FARM

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TO 1052327832

P.14/19

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

To: Minister for the Environment Freeport Grid Upgrade Submissions PO Box 4495 Hamilton East HAMILTON 3247	OR	Email: epca@environment.govt.nz Fax: 04 639 7700 (If you are emailing or faxing your submission, please make it for the attention of "Grid Upgrade Submissions")
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This submission relates to the notices of requirement and/or applications for resource consents 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): GLENHAVEN FARM LIMITED

Postal Address: 610 Monument Rd., R.D.1, Pokeno 2471

Wk Ph: 09 232 7812 Hm Ph: 09 232 5812 Cell:

Wk Fax: 09 232 7832 Hm Fax: 09 232 7832 Email: glenhaven@farmside.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

OUR SUBMISSIONS ARE ATTACHED HERETO

Please use more pages if you need to.

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

THAT THE BOARD DECLINE TO APPROVE THE PROPOSED PROJECT AND DIRECT THE APPLICANT TO CONSIDER AND INVESTIGATE ALTERNATIVE METHODS OF SUPPLYING ELECTRICITY TO AUCKLAND INCLUDING LAYING CABLES UNDERGROUND OR UNDERWATER THROUGHOUT AND LOCAL GENERATION OF POWER WITHIN AUCKLAND

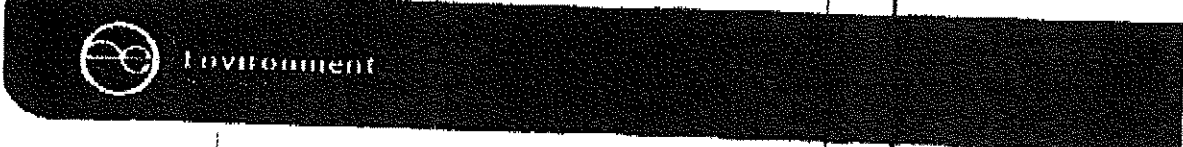
Please use more pages if you need to.

I/we wish to be heard in support of my/our submission (to speak at the public hearing). Use a clear tick in the appropriate box below (✓)

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

Signature(s): *[Signature]* Director Date: 3/10/07

(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 (✓).

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:

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			✓
Northland District Council			
Overhead Line Notice of Requirement. Reference Number: LO7089			
Waikato District Council			
Overhead Line Notice of Requirement. Reference Number: DE50011/07			✓
Hawke's Bay District Council			
Overhead Line Notice of Requirement. Reference Number: RMR20062			✓
Waipahi 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			✓
Tairāpiti District Council			
Overhead Line Notice of Requirement. Reference Number: RMO70209			✓
Whakamaru and Whakamaru North Substation Notice of Requirement. Reference Number: RMO70209			✓
Auckland Regional Council - Resource Consents			
Pakuranga to Brownhill Underground Cable Resource Consents			
Application 34302: Land Use Consent for earthworks			
Application 34370: Discharge of Contaminants to land from ancillary activities that produce wastewater or washwater			
Application 34972: Works in the Bed of a Watercourse			
Application 34373: Diversion of Surface Water			
Overhead Line and Brownhill Substation Resource Consents			
Application 34711: Land Use Consent for earthworks			
Application 34712: Discharge of Contaminants to land			
Environment Waikato - Resource Consents			
Overhead Line and Whakamaru North Substation Resource Consents			
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 Freeport 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 26(4) of the RMA.

E. Smith, Director
A. Smith, Director



**SUBMISSIONS IN SUPPORT OF OBJECTIONS TO
TRANSPOWER'S UPPER NORTH ISLAND GRID UPGRADE
PROPOSALS BY
GLENHAVEN FARM LIMITED
THE TRUSTEES OF OKAERIA TRUST
AND
EDGAR JAMES SMITH AND KATHLEEN FRANCES SMITH**

1. The objectors carry on business in Waikato as dairy farmers and landowners in or about the vicinity of the proposed 400KV electricity transmission lines from central North Island to Auckland.
2. The objections are based upon the following grounds:-
 - (a) The proposed pylons through their magnitude will impose on the communities within the vicinity of the pylons an ugly blot on the landscape effectively destroying the attractive panorama for which our countryside is universally renowned.
 - (b) The proposed pylons will be vastly larger than all existing structures used for supporting electricity lines and to construct and service the pylons there will need to be depots and new or upgraded roads interfering in many instances with existing farms, fences, entranceways and crossings.
 - (c) Many pylons will be constructed on quality farm land and will need to be fenced off causing loss of economically usable land.
 - (d) If pylons are to be constructed on forest land it will be necessary to remove trees in the vicinity adding to the visual pollution and global warming.
 - (e) The proposed pylons will support 400KV transmission lines rather than the standard 200KV lines. It is commonly accepted knowledge that lines of the proposed voltage will create substantial electro-magnetic radiation which has not only adverse effect on the health of animals and persons living or working in the vicinity of the lines but also pollutes the pasture and soil beneath them and interferes with computers,

televisions, and new technology equipment for a considerable distance from the lines.

- (f) The proposal by Transpower suggests that beneath the HVDC transmission lines there is a 65 metre wide easement area. We are informed and believe that the radiation emitted from the proposed lines will adversely affect an area many times wider than the proposed easement area posing risk to health of persons and animals and interference with equipment which is EMF sensitive.
- (g) There is apparent disregard by Transpower for the huge importance of the farming community as the primary producers of the nation's wealth whose needs are clearly considered to be of less importance than the needs of Auckland region urban city dwellers. This attitude does little to abate inevitable resentment towards city residents should the pylon proposal proceed.
- (h) Second only to the production by our primary farming producers is the tourism industry which relies upon our country's beauty in attracting tourists from abroad. The construction of massive pylons across our countryside must have an adverse effect on tourist's impression of New Zealand. The suggestion by Transpower that the pylons are to be located away from tourist areas is not true. Travellers to Rotorua Lakes, Tauranga, Coromandel and central north island will be subjected to the visual pollution created by the pylons.
- (i) There are available to electrical supply authorities a number of viable alternatives to the proposal, namely
 - (i) Run the lines underground or on riverbeds. This is possible as it is the proposed method of running the lines through Manukau and Auckland. Most local authorities require all developers to run electricity lines underground for safety and aesthetic reasons and there is no valid reason why the same principle should not apply through rural areas.
 - (ii) Reconditioning and duplicating the Whakamaru A, B and C links.
 - (iii) Installing new 220KV, smaller scale, conventional lines.
 - (iv) Increasing electricity generation for Auckland in the Auckland area, means include windpower, use of the enormous Manukau and Kaipara tidal flows to

generate power, solar power installations and low pollution design, coal or gas fired power stations as back-up.

- (j) The interests of the rural community and tourism clearly are placed secondary to the interests of urban Auckland should the proposal proceed. The only true reason for the decision to erect the proposed pylon and lines is that of political expediency which does little to dispel the view of rural residents that they are being victimised.
- (k) While those whose properties are required for the proposed lines have been or will be compensated, those whose farms or homes are located close to but not on the proposed line received no such compensation, despite the potential adverse effects on their health, enjoyment of their televisions, telephones, computers and appliances and, the appreciation of attractive countryside vista.
- (l) The adverse effects on rural residents will discourage potential farm workers from moving to rural towns for employment and will have a consequential negative effect on the ability for farmers to obtain good reliable labour.
- (m) The value of farms nearby to the lines will be adversely affected. The growth demand projections of the Electricity Commission (2007 500) for the next 40 years do not justify construction of the proposed 400KV capable line and the proposal is completely out of alignment with the expected requirements for transmission of electricity into Auckland. There is no basis for the suggestion by Transpower that the need for such a line is an urgent matter of national significance. Such view is simply not valid and the 21 day period allowed to potential objectors for filing notice of objection is manifestly unreasonable.
- (n) Farm production will be reduced as the Electro-Magnetic Field will interfere with livestock and plant growth within the easement strip.

We summarise our objections as follows:-

1. The proposed pylons would be objectionable for aesthetic reasons – a blot on the landscape – adversely affecting the enjoyment of the rural setting by residents and visitors to the area through which the lines will pass.

2. The pylons and their construction would disrupt farms, take farm land, cause removal of forest.
3. The transmission lines would adversely affect the health of persons, animals and farm pasture within the proximity.
4. There are a number of viable alternatives available as stated above.
5. There will be an adverse effect on computers, telephones, television and EMF sensitive new technology caused by electromagnetic radiation.
6. The proposal if allowed would be likely to have adverse effects on labour supply, farm values and farm production.
7. The proposed lines will emanate a loud constant noise (particularly when wet) which will be audible for a considerable distance.
8. The proposed line is an irresponsible project which is being ram-roded through with undue haste as is evidenced by the short period allowed to affected persons to research, prepare and lodge their submissions. If allowed to proceed it would downgrade New Zealand for no justifiable useful purpose.
9. We consider that we and the many other landowners who are affected are being victimised most unfairly and such lack of fair treatment can only result in ongoing resentment and conflict. For this reason, if no other, every effort should be made to utilise an alternative more acceptable option many of which are available.
10. The Board of Inquiry should take into account the fact that Transpower has had considerable time and unlimited resources to obtain technical information in support of its proposals whereas the objectors have had only 21 days to file objections. Many potential objectors are abroad (many at the World Rugby Cup) and the time allowed to consider and file notices is unreasonable and unacceptable, considering the impact and consequences.