

IN THE MATTER OF:

the Resource Management
Act 1991

AND

IN THE MATTER OF:

Applications by Mighty River
Power Limited to Palmerston
North City Council, Horizons
Regional Council and
Tararua District Council for
Resource Consents for the
Turitea Wind Farm Proposal

**JOINT STATEMENT OF THE TRAFFIC EXPERTS
DANIEL JAMES TATE AND
RICHARD STEPHEN GALLOWAY**

**JOINT STATEMENT OF EVIDENCE OF
DANIEL JAMES TATE & RICHARD STEPHEN GALLOWAY**

1. The Board of Inquiry has directed that expert witnesses confer with a view to agreeing on matters in their respective fields, to narrowing issues and to defining reasons for any disagreement.
2. In this matter, the traffic experts are in full agreement following a meeting between Mr Tate and Mr Galloway on 27 May 2009, during the rebuttal evidence phase.
3. The traffic experts agree that the proposed Turitea Wind Farm can be constructed and operated with no more than minor effects on other road users, subject to the application of the suggested traffic and transportation conditions of consent listed in Attachment 1.
4. There are no areas of substantive disagreement.

Daniel James Tate


Date



15 June 2009

Richard Stephen Galloway

Date



17 June 2009

Construction Traffic Management Plan

30. At least 40 working days prior to any construction works commencing the Consent Holder shall submit a Construction Traffic Management Plan (CTMP) to the Council's Roading Manager for approval. Such approval shall be given within 15 working days of the CTMP being submitted and shall not be unreasonably withheld. The CTMP shall be prepared by a Chartered Professional Engineer following community consultation and shall cover the following matters:
- 30.1 Procedures for consultation and communication with the local community and other road users regarding traffic management issues, including establishment of community liaison groups and notification techniques such as emails, text messages, roadside notice boards, and/or newspaper advertisements;
 - 30.2 Project scheduling;
 - 30.3 Access locations;
 - 30.4 Travel routes;
 - 30.5 Traffic flows;
 - 30.6 Measures to reduce the amount of commuter traffic by construction personnel;
 - 30.7 Hours when each access will be used, including as a minimum that the Greens Road access shall not be used by heavy commercial vehicles outside the hours of 7:00am to 6:00pm Monday to Saturday, with suitable provision to minimise or avoid conflict with times when children cycle to and from school along Kahuterawa Road, as identified through community consultation;
 - 30.8 Driver protocols, including "one in one out" arrangements for heavy commercial vehicles on Kahuterawa Road during particular peak days;
 - 30.9 Management of oversized loads;
 - 30.10 Improvements to Greens Road including widening, benching for sight distance, and pavement upgrades, required to provide safe two-way movement in general accordance with Beca drawing 0848RK222 Rev A dated 24/9/2008;
 - 30.11 Improvements to Kahuterawa Road to improve forward sight distance at a location 2.9km south of SH57, in general accordance with Traffic Design Group drawing 8488-3w1 sheet 13;
 - 30.12 Road improvements required to facilitate the movement of overdimension loads;
 - 30.13 Full details of the temporary traffic management plans to be used, including the conditions under which each plan would operate;
 - 30.14 Dust suppression techniques to be used on all access roads that are not sealed; and
 - 30.15 Project contacts including a driver comments freephone number.

Advice note: It is only necessary that one CTMP will be prepared to cover roads within both the Palmerston North City Council boundary and the Tararua District Council boundary respectively.

Pavement Maintenance

31. Prior to any construction works commencing, the consent holder shall engage a Chartered Professional Engineer to undertake a road condition survey and report of South Range Road and Greens Road, with particular regard to road geometry, structural integrity and slope stability. The purpose of the survey shall be to obtain an accurate baseline of the existing road condition. The engineer's report shall include recommendations on upgrading required to ensure the roads can be maintained to a standard suitable for continuous use by other road users during construction.

Within ten working days of the completion of all wind farm construction works, the consent holder shall notify the Council's Roothing Manager so they may undertake a survey of South Range Road and Greens Road to confirm that the roads are in a condition which is the same or better than indicated in the pre-construction road condition survey and report. The consent holder shall undertake any such remedial works as are considered necessary by an independent Chartered Professional Engineer to achieve the standard recorded in the pre-construction road condition survey and report.

Roothing Upgrades

32. At least 30 working days prior to the commencement of any rooothing upgrades, the consent holder shall submit engineering plans prepared by a Chartered Professional Engineer to the Council's Roothing Manager outlining details of any proposed works. Designs shall be prepared in accordance with the ARRB Unsealed Roads Manual, Guidelines to Good Practices (August 2000) or a similar standard acceptable to Council's Roothing Manager. The roads identified for upgrading are:
- 32.1 South Range Road, including widening and benching for sight distance and a new intersection with Pahiatua-Aokautere Road;
 - 32.2 Greens Road including widening, benching for sight distance, and pavement upgrades, required to provide safe two-way movement;
 - 32.3 Kahuterawa Road to improve forward sight distance at a location 2.9km south of SH57; and
 - 32.4 at locations where works are required to facilitate the movement of overdimension loads, potentially including the hairpin bend on Pahiatua-Aokautere Road 5.2km southeast of the intersection with SH57 or the intersection of Makomako Road with Pahiatua-Mangahao Road, depending on which route the overdimension loads use.

Advice note: Under the Local Government Act, the written approval of Council's Roothing Manager is required prior to any changes being made to any public road.