

BOARD OF INQUIRY

HAUĀURU MĀ RAKI WIND FARM PROPOSAL

In the matter of the Resource Management Act 1991

And

In the matter of resource consent applications by Contact Wind Limited in respect of the Hauāuru mā raki Wind Farm Proposal

And

In the matter of notices of requirement and a resource consent application by Contact Energy Limited for transmission infrastructure related to the Hauāuru mā raki Wind Farm Proposal

**FURTHER REBUTTAL EVIDENCE OF GAVIN CRAIG LISTER RESPONDING
TO THE EVIDENCE OF CLAYTON BRADLEY**

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Introduction

1. My name is Gavin Craig Lister. I am a landscape architect with Isthmus Group Ltd based in Auckland.
2. I refer the Board of Inquiry to the statement of my qualifications and experience in my evidence in chief. I reaffirm my commitment to comply with the code of conduct for expert witnesses in the Environment Court.
3. The purpose of this brief of evidence is to respond to the evidence of Clayton Bradley.

Typographical Error

4. Mr Bradley (paragraph 25) points out that Appendix K of my evidence in chief states that the coast is to the east of their property when it is in fact to the west. This is a typographical error.

Visual Effects from House

5. Mr Bradley (paragraph 25) disagrees with my statement that “*panoramic views in the opposite direction to the Wind Farm*” should be taken into account because the views to the east in the opposite direction are restricted by trees, the house was built to take advantage of views to the west in the direction of the Wind Farm, and the views to north will contain pylons and transmission lines.
6. My evidence does acknowledge the house is built overlooking the coastal hills on which the proposed Wind Farm is located, that there will be expansive views of the Wind Farm from the property, and that the Wind Farm will significantly change the nature of the outlook. However, it is still relevant to take into account factors such as distance and the extent of the view affected. The knoll and trees behind the house will restrict views to the east, but I estimate there are views of approximately 280°-300° from north-east through south-east. The Wind Farm will occupy approximately 130° arc of the panorama at a distance to the nearest wind turbines of approximately 7.5km – 8km.
7. The transmission line will be almost entirely screened by topography. The only location where there is theoretical line-of-sight is where the line will cross the Wairamarama Onewhero Road ridge. This is approximately 7.5km to the north, and there is a higher ridge further to the north that will form a landscape backdrop. The line is unlikely to be noticeable at all in most conditions.

Planting

8. Mr Bradley (paragraph 26) says “*any suggestion of planting will not be relevant as we will lose our view completely*”.

9. I agree that planting is not appropriate mitigation for this property and did not recommend it in this case.

Night Time Light Effects

10. Mr Bradley (paragraph 51) states that 120 of the proposed wind turbines will be located at an elevation of 160m ASL or lower and therefore navigation lights mounted on the nacelles would be level with or below the level of the house, subjecting it to night time light effects.
11. I agree that lights on such wind turbines will be visible from the Bradley house because of its elevated location. Factors to take into account include the 7.5km – 8km distance to the nearest turbines, which will reduce the brightness of the lights, and the fact that lights will be located on only some of the turbines around the perimeter of the Wind Farm and to highest turbines on each group.

G C Lister

