



Kaipara te Orangahui • Two Oceans Two Harbours

Submission on Proposed Kaipara District Plan

Form 5 Submission on publically notified proposal for policy statement or plan, change or variation

Clause 6 of Schedule 1, Resource Management Act 1991

To: Kaipara District Council - District Plan Review

Date received: 28/04/2025

Submission Reference Number #: 1

This is a submission on the following proposed plan (the **proposal**): Proposed Kaipara District Plan

Submitter:

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Contact person and address for service:

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I wish to be heard: No

I am willing to present a joint case: No

Could you gain an advantage in trade competition in making this submission?

- **No**

If you have answered yes to the above question, are you directly affected by an effect of the subject matter of the submission that:

(a) adversely affects the environment; and

(b) does not relate to trade competition or the effects of trade competition

- **No**

Submission points

Point 1.1

Address:

Carnes Road, Mangawhai

Mapping layer:

General rural zone

Submission:

I request that the Proposed District Plan formally recognize solar energy systems (including battery storage) as an approved option to meet the "electricity supply" requirement for subdivisions — alongside traditional network connections.

Solar energy is not only **sustainable**, but in many rural parts of Kaipara, it is also **more reliable** than the traditional grid.

For example, especially in areas serviced by provider Vector, residents experience outages at a high frequency (monthly or more), some even lasting for several days, most for hours.

In contrast, modern solar and battery systems can provide continuous, independent power, offering a higher standard of service reliability for households.

I therefore propose that applicants be allowed to simply tick "solar" as a supply method on subdivision applications, without being forced to install redundant or unreliable grid connections.

I also request that subdivisions with existing Resource Consents (where titles have not yet been issued) be allowed to update their consent conditions through a simple variation process to reflect this change.

This would support Kaipara's move toward resilient, sustainable, and future-focused development — and better serve the real energy needs of rural communities.

Allowing solar energy systems to satisfy the electricity supply requirement (either independently or in combination with partial network connections) would:

- Support national and regional goals for reducing carbon emissions.
- Enable more affordable and sustainable development in rural and semi-rural areas.
- Reduce environmental impact by minimising the need for extending overhead or underground power lines.
- Future-proof developments by encouraging resilience and self-sufficiency in energy use.

Thank you for considering this submission.

Relief sought:

I respectfully request that the plan be amended to clarify that "adequate electricity supply" for subdivisions can be met **either** by:

- Connection to the existing electricity network, **or**
- Installation of a compliant renewable energy system (such as solar photovoltaic panels with appropriate battery storage or backup provisions), designed to meet the ongoing energy needs of the dwelling(s).

Where relevant, guidelines or performance standards for such systems (e.g., minimum daily capacity, redundancy requirements) could be provided to ensure reliability and suitability.

