

Submitted to Fast-track approval applications
Submitted on 2024-05-01 16:24:35

Submitter details

Is this application for section 2a or 2b?

2B

1 Submitter name

Individual or organisation name:
Manawa Energy Limited

2 Contact person

Contact person name:

s 9(2)(a)

3 What is your job title

Job title:

s 9(2)(a)

4 What is your contact email address?

Email:

s 9(2)(a)

5 What is your phone number?

Phone number:

s 9(2)(a)

6 What is your postal address?

Postal address:

Manawa Energy
Private Bag 12055
Tauranga Mail Centre
Tauranga 3143

7 Is your address for service different from your postal address?

No

Organisation:

Contact person:

Phone number:

Email address:

Job title:

Please enter your service address:

Section 1: Project location

Site address or location

Add the address or describe the location:

Kaipara Solar Farm s 9(2)(b)(ii)

is located in northern Auckland, approximately 10km south-west of Wellsford.

s 9(2)(b)(ii)

File upload:

s 9(2)(b)(ii)

Upload file here:

No file uploaded

Do you have a current copy of the relevant Record(s) of Title?

Yes

upload file:

s 9(2)(b)(ii)

Who are the registered legal land owner(s)?

Please write your answer here:

s 9(2)(b)(ii)

Detail the nature of the applicant's legal interest (if any) in the land on which the project will occur

Please write your answer here:

s 9(2)(b)(ii)

Section 2: Project details

What is the project name?

Please write your answer here:

Kaipara Solar Farm

What is the project summary?

Please write your answer here:

Manawa Energy is proposing to establish a large-scale solar farm near Mangakura (which is within Auckland Council boundaries) on land used currently for dairy farming. The proposed solar farm will have a capacity of approximately 100MW and will connect into the nearby national grid.

What are the project details?

Please write your answer here:

The purpose of Kaipara Solar Farm is to increase the renewable generation of electricity in the Auckland region and enhance the energy security of the region and country while diversifying New Zealand's energy portfolio. Kaipara Solar Farm will generate electricity and connect into the near-by national grid (thereby reducing transmission losses) to ensure generation stability. As noted, Kaipara Solar Farm will diversify New Zealand's energy portfolio both in terms of renewable generation type but also geographical location namely within the Auckland Region which has limited renewable electricity generation. The electricity generated by the Kaipara Solar Farm will be used to power homes, businesses and industries, displace and reduce reliance on fossil fuels, and lower carbon emissions. The solar farm will be a reliable source of clean energy for the country.

Kaipara Solar is estimated to have an installed capacity of 100MW and have an annual output of around 175 GWh – this is enough electricity to power more than 30,000 typical households. The Kaipara Solar Farm will make a significant contribution to New Zealand's security of supply and increased generation capacity, while materially contributing to greenhouse gas emission reductions of between 65,100 tCO₂-e (for gas) or 165,500 tCO₂-e (for coal).

Land use and regional council consents will be necessary. Kaipara Solar Farm will include the following associated activities:

- Construction and placement of solar arrays
- Earthworks and vegetation clearance associated with enabling works and construction
- Construction of a switchyard to connect to overhead existing 220kV transmission line
- Underground cable connecting solar panels to switchyard
- Internal tracks, parking and laydown areas
- Culverts for waterway crossings for vehicle access
- Maintenance facilities and security measures such as fencing, surveillance systems and access controls.

Describe the staging of the project, including the nature and timing of the staging

Please write your answer here:

Construction would be undertaken in a single stage, with enabling works including earthworks for the solar arrays, site access and sediment control devices being constructed first, and installation of the solar arrays and supporting infrastructure then being undertaken through to commissioning. The total construction period is estimated to be 12 months.

What are the details of the regime under which approval is being sought?

Please write your answer here:

The following Resource Consents under the Resource Management Act 1991:

- Land Use Consents for activities in accordance with Section 9 of the RMA
- Land Use Consents for activities in accordance with Section 13 of the RMA
- Water Permits for activities in accordance with Section 14 of the RMA
- Discharge Permits for activities in accordance with Section 15 of the RMA.

Other approvals including but not limited to Wildlife Act permits possibly needed to trap and transfer fauna, and an archaeological authority under the Heritage New Zealand Pouhere Taonga Act 2014. These approvals will be identified as part of the application document.

If you seeking approval under the Resource Management Act, who are the relevant local authorities?

Please write your answer here:

Auckland Council

What applications have you already made for approvals on the same or a similar project?

Please write your answer here:

No application has been made for resource consent.

Is approval required for the project by someone other than the applicant?

No

Please explain your answer here:

Manawa Energy does not require any approvals from third parties to build the Kaipara Solar Farm.

If the approval(s) are granted, when do you anticipate construction activities will begin, and be completed?

Please write your answer here:

If approvals are granted, Manawa Energy Limited anticipates the following project timeframes:

Detailed Design/procurement: Consent granted + 3 months

Final Investment Decision: Consent granted + 4 months

Construction: Consent granted + 5 – 17 months

First Power: Consent granted + 18 months

Handover: Consent granted + 18 months

Section 3: Consultation

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Declaration

Do you acknowledge your submission will be published on environment.govt.nz if required

Yes

By typing your name in the field below you are electronically signing this application form and certifying the information given in this application is true and correct.

Please write your name here:

s 9(2)(a)

Important notes