

Submitted to Fast-track approval applications
Submitted on 2024-05-02 10:45:01

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:

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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:

s 9(2)(b)(ii)

File upload:

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Upload file here:

No file uploaded

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

Yes

upload file:

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Who are the registered legal land owner(s)?

Please write your answer here:

Irishman Creek Station Limited

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:

Manawa Energy has an option agreement with Irishman Creek Station Limited for the project. The option agreement grants Manawa Energy the right to develop a solar farm on the property. This provides Manawa Energy with a legal interest in the property sufficient to pursue the necessary permits and approvals for the project.

Section 2: Project details

What is the project name?

Please write your answer here:

Irishman Creek Solar Farm

What is the project summary?

Please write your answer here:

Manawa Energy are proposing to construct and operate a 220MW solar farm (including associated PV array, equipment and structures, access tracks and overhead transmission lines) at s 9(2)(b)(ii). The expected generation output of the solar farm is 385 GWh per annum.

What are the project details?

Please write your answer here:

The purpose of the Irishman Creek Solar Farm is to increase the renewable generation of electricity in the Canterbury Region and enhance security of supply in New Zealand, while also diversifying the country's energy portfolio. In this regard, the proposal is to develop an approximately 500-hectare solar farm (220MW) with associated access, infrastructure and buildings on the project site.

The electricity generated by the Irishman Creek 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 also materially contribute to greenhouse gas emission reductions of between 143,000 tCO₂-e (for gas) or 364,000 tCO₂-e (for coal).

Land use and regional council consents will be necessary for the following activities:

- Construction and placement of solar arrays;
- Earthworks and vegetation clearance associated with enabling works and construction;
- Construction of a switchyard to connect to the transmission network;
- Underground cable connecting panels to switchyard;
- Internal tracks, parking and laydown areas;
- Culverts for waterway crossings for vehicle access; and
- 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 staged in the sense that enabling works including earthworks for the solar arrays, site access and sediment control devices would be constructed first. Construction of the various components would then be undertaken prior to commissioning. The total construction period for the project is estimated to be 18 months.

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

Please write your answer here:

The project would require the following resource consents under the Resource Management Act 1991:

- Land use consent under s.9 from the Mackenzie District Council for the establish of solar arrays, substation / switchyard infrastructure, transmission lines, access tracks, earthworks and vegetation clearance;
- Land use consent under s.9 from the Canterbury Regional Council for vegetation clearance and soil disturbance activities, including adjacent to natural inland wetlands;
- Land use consent under s.13 from the Canterbury Regional Council for the construction and use of culverts and erosion control structures in waterbodies;
- A water permit under s.14 from the Canterbury Regional Council for diverting groundwater during the construction of the solar farm; and
- A discharge permit under s.15 from the Canterbury Regional Council for the discharge of water and contaminants into land and / or water.

The construction and operation of the Irishman Creek Solar Farm may also require wildlife permits pursuant to the Wildlife Act 1953 in relation to the management of lizards on the project site.

The construction of the Irishman Creek Solar Farm Will also require an archaeological authority under the Heritage New Zealand Pouhere Taonga Act in relation to the potential disturbance of heritage sites within the project site.

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

Please write your answer here:

- Canterbury Regional Council
- Mackenzie District Council

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

Please write your answer here:

No resource consent applications or notices of requirement have been in lodged by Manawa Energy with the relevant local authorities in relation to the Irishman Creek Solar Farm.

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 Irishman Creek Solar Farm. All necessary access agreements are in place to enable construction to commence once resource consents, wildlife permits and archaeological authorities are granted.

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 + 5 months

Final Investment Decision: Consent granted + 6 months

Construction: Consent granted + 6 – 24 months

First Power: Consent granted + 18 - 20 months

Handover: Consent granted + 24 months

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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:
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Important notes