

Submitted to Fast-track approval applications
Submitted on 2024-05-02 14:22:10

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:

The project site is approximately 85 ha and is located within the confines of the Hawkes Bay Airport in Napier, which is located off State Highway 2 in the suburb of Westshore.

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:

Hawke's Bay Airport 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:

Hawke's Bay Airport Limited is the landowner for the property on which the Hawke's Bay Airport Solar Farm is proposed. Manawa Energy has a development agreement with Hawke's Bay Airport Limited to jointly develop the Hawke's Bay Airport Solar Farm.

Section 2: Project details

What is the project name?

Please write your answer here:

Hawke's Bay Airport Solar Farm

What is the project summary?

Please write your answer here:

Hawke's Bay Airport Limited and Manawa Energy Limited are proposing to establish a large-scale solar farm in Napier at the Hawke's Bay Airport. The proposed solar farm will have a capacity of approximately 40 MW and will connect into Unison's local network.

What are the project details?

Please write your answer here:

The purpose of Hawke's Bay Airport Solar Farm is to increase the renewable generation of electricity in the Hawke's Bay Region and enhance the energy security of the country, while also diversifying New Zealand's energy portfolio. The Hawke's Bay Airport Solar Farm will generate electricity and connect into the near-by Unison network (thereby reducing transmission losses) to ensure generation stability.

The Hawkes Bay Airport Solar Farm is estimated to have an installed capacity of 40MW and have an annual output of 70 GWh – this is enough electricity to power more than 10,000 typical households (which is significant in the context of the approximately 60,000 households in the Hawkes Bay Region). The Hawkes Bay Airport Solar Farm will also make a significant contribution to regional and national security of supply, and increased generation capacity, while materially contributing to greenhouse gas emission reductions of between 26,000 tCO₂-e (for gas) or 66,200 tCO₂-e (for coal).

In effect, the solar farm will be a reliable source of clean energy for the country.

- Land use and regional council consents will be necessary. Hawke's Bay Airport 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 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 12 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 Napier City 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 Hawkes Bay Regional Council for vegetation clearance and soil disturbance activities, including adjacent to natural inland wetlands;
- Land use consent under s.13 from the Hawkes Bay Regional Council for the construction and use of culverts and erosion control structures in waterbodies;
- A water permit under s.14 from the Hawkes Bay Regional Council for diverting groundwater during the construction of the solar farm; and
- A discharge permit under s.15 from the Hawkes Bay Regional Council for the discharge of water and contaminants into land and / or water.

The construction and operation of the Hawkes Bay Airport Solar Farm may also require wildlife permits pursuant to the Wildlife Act 1953 in relation to the management of fauna on the project site.

The construction of the Hawkes Bay Airport 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:

Napier City Council and Hawkes Bay Regional 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 (or Hawkes Bay Airport Limited) with the relevant local authorities in relation to the Hawkes Bay Airport 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 Hawkes Bay Airport 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 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

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