

Rachel Reynolds

From: Brad Henderson
Sent: Wednesday, 13 August 2025 1:17 pm
To: Mark Henry
Cc: Daniel Cunningham; Ethan Glover
Subject: Fw: Haldon station solar - FENZ follow up

Hi Mark,

See below some further correspondence with FENZ confirming the site is considered low-risk (even with BESS). However, note the requirement to include an emergency response plan - this is standard for us at our other sites, and I don't think it needs to be incorporated into consent conditions, but happy to entertain alternative viewpoints.

Regards,

Brad Henderson

M: [REDACTED]

From: Gardner, Ray [REDACTED]
Sent: Thursday, 7 August 2025 13:47
To: Brad Henderson [REDACTED] >
Cc: Ethan Glover [REDACTED] Chambers, Craig [REDACTED]
Subject: RE: Haldon station solar - FENZ follow up

Morning Brad,

Sorry I intended to get back to you sooner than this.

I have reviewed all the information I have available derived from what you have provided.

The site is low risk of rapid fire spread due to the nature of the vegetation and will be further reduced by the access ways that you are installing to facilitate site maintenance.

I reviewed NFPA 855 and provided you comply with the recommendation from this standard with regards to separation between the battery storage units and other infrastructure, I cannot see any major concerns.

An Emergency Response Plan (ERP) will need to be developed prior to the final commissioning of the site and shared with responding Fire Brigades.

It will need to contain recommended Firefighting procedures, best approach paths and safety zones. It should also note water sources available.

Any questions please get in contact again.

Nga mihi

Ray

From: Brad Henderson [REDACTED]
Sent: Friday, 25 July 2025 12:11 pm
To: Gardner, Ray [REDACTED]
Cc: Ethan Glover [REDACTED] Chambers, Craig [REDACTED]
Subject: Re: Haldon station solar - FENZ follow up

Thanks for the reply Ray,

Regarding the battery, we have not confirmed a supplier yet. However the general parameters of the batteries would be as follows:

- 2 x 20 ft containers per power station (98 in total)
- Approximately 5 MWh per container (490 MWh total).
- Housed in adapted purpose built shipping containers - I attach an image/brochure from a typical supplier.
- The shipping containers would be individually monitored through our SCADA system and have multi stage fire protection as per NFPA 855.

Regards,

Brad Henderson

M: [REDACTED]

From: Gardner, Ray [REDACTED]
Sent: Thursday, July 24, 2025 14:29
To: Brad Henderson [REDACTED]
Cc: Ethan Glover [REDACTED]; Chambers, Craig [REDACTED]
Subject: RE: Haldon station solar - FENZ follow up

Hi Brad,

This all looks good to me. We discussed access to site and potential Fire fighting water supplies during our discussion. Some signage indicating escape routes as part of your emergency plan would also be beneficial. I understood that you are planning continue grazing the area after construction, this will help to mitigate the risk of rapid fire spread.

Re your plan for battery energy storage on site, a couple of questions.

1 What type and capacity of battery going to be used?

What type of construction will the storage facility be?

What size will this building be?

Will it have an alarm system and any fire protection systems?

Looking forward to discussing further.

Nga mihi

Ray

Ray Gardner MStJ, QSM
 Advisor Risk Reduction
 Te Ihu /Mid-South Canterbury
 c/o Timaru Fire Station
 Cnr Woollcombe & Latter Sts
 Timaru 7940



Mobile: [REDACTED]
Email: [REDACTED]

From: Brad Henderson [REDACTED]
Sent: Tuesday, 22 July 2025 5:04 pm
To: Gardner, Ray [REDACTED]
Cc: Ethan Glover [REDACTED]
Subject: Haldon station solar - FENZ follow up

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Hi Ray,

Thanks again for your time in April to listen to our project overview. I'm writing as a follow up from our initial meeting and also to give a bit of an update and seek any further information required from FENZ. I also attach a PDF of the slide deck I presented at that meeting.

We've had a few delays and have not yet lodged the fast-track consent application. However, we still plan to do so imminently.

As part of the application we are proposing the following consent condition:

Prior to commencing construction, the Consent Holder shall prepare an Emergency Management Plan in consultation with Fire and Emergency New Zealand. The Consent Holder shall provide evidence to Mackenzie District Council that engagement with Fire and Emergency New Zealand has occurred including evidence of sign off by a Fire and Emergency New Zealand representative. The Emergency Management Plan shall include, but not be limited to:

- a) *Details on emergency service access and emergency response procedures;*
- b) *Confirmation of the provisions and location of an onsite firefighting water supply; and*
- c) *Fire risk management measures and procedures.*

We would appreciate your input that this is reasonable. One other thing to mention that might not have been 100% clear in our briefing is that we are planning to have battery energy storage on site (BESS). Would that change any of your recommendations? Would you want to add anything additional to the above condition?

Ngā mihi,

Brad Henderson
South Island Development Manager
M: [REDACTED]



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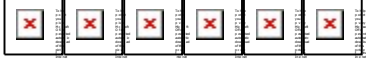


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