

From: Steph Anderson
Sent: Tuesday, 5 May 2020 12:14 PM
To: Thomas Parel; Hamish McTaggart
Cc: Kevin Heydt
Subject: RE: FW: Panel query - Denman solar farm - PPSHCC-23 – Muswellbrook Shire Council – DA 102/2019

Thanks Thomas/Hamish,

Just to clarify, the Visual Impact Assessment states in Section 3.5 that a matrix of points to 4.5 metres high was modelled, as a conservative approximation. This captures the height of any panels, amenities building etc within the upper limit of the matrix.

Kind regards,

STEPHANIE ANDERSON
SENIOR TOWN PLANNER

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Please note I am currently working from home due to the Covid-19 situation. This also means my working hours may be flexible, but I will return your email or call ASAP. Thanks for your patience.

From: Thomas Parel
Sent: Tuesday, 5 May 2020 12:00 PM
To: Hamish McTaggart
Cc: Kevin Heydt; Steph Anderson
Subject: Re: FW: Panel query - Denman solar farm - PPSHCC-23 – Muswellbrook Shire Council – DA 102/2019

Hi Hamish,

See responses below:

1. At maximum tracking system tilt, the solar panels are expected to be ~2.3 m high.

2. The spacing between solar panels when in the horizontal position will be 3 - 4 m which should be sufficient distance for grazing. Note that the spacing between the tracking system centre-lines will be around 5 - 6 m.
3. See attached *80219037-CI-Combined-Issued for DA Approval.pdf* for plans showing the set-back of the solar farm. There will be ~100 m set-back from the highway at the nearest point and ~25 m from the railway line to the south. The solar farm will be set-back by an at least 10 m asset protection zone from its western boundary. Note that the land east of the solar farm boundary is owned by the proponent.

Best wishes,

Thomas

From: **Hamish McTaggart**

Date: Tue, May 5, 2020 at 10:57 AM

Subject: FW: Panel query - Denman solar farm - PPSHCC-23 – Muswellbrook Shire Council – DA 102/2019

To: Kevin Heydt, Steph Anderson

Hi Kevin & Steph,

Hope you are both well ahead of tomorrow's meeting. Members of the Panel have sent through a query in relation to the height and spacing of the solar panels. Are you able to review and provide some advice on what the maximum panel height would be or a plan showing a typical solar panel design.

A question has also been raised about the 3m spacing for grazing and the availability of a plan showing the solar panel setbacks from nearby boundaries. If you have any comments that you would like to make in relation to this query or a plan with the requested information (I will review our records for the same to see if one has already been provided) this would be appreciated.

Regards,

Hamish McTaggart | Development Coordinator



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