

7 May 2024

TfNSW reference: WST24/00054 | SF2024/037669 | WST23/00079
Your reference: SSD-33964533



Department of Planning, Housing & Infrastructure
Locked Bag 5022
PARRAMATTA NSW 2124

Attention: Kurtis Wathen

SSD-33964533 – Goulburn River Solar Farm – Response to RFI

Dear Kurtis,

Transport for NSW (TfNSW) is responding to the SSD-33964533 referred on 22 April 2024.

TfNSW has reviewed the information and has **no objections** to the proposed development. Advice is set out in **Attachment 1** to assist the Consent Authority in assessing the development application.

TfNSW notes that in determining the application under Part 4 of the *Environmental Planning & Assessment Act 1979*, it is the consent authority's responsibility to consider the environmental impacts of any road works that are ancillary to the development (such as removal of trees, relocation of utilities, stormwater management, etc). Depending on the nature of the works, DPHI may require the developer to submit a further environmental assessment for any ancillary road works.

Please forward the draft conditions of consent to TfNSW for review prior to issuing the Notice of Determination. If you have any questions, please contact Tim Mitchell, Development Services Case Officer, on 1300 019 680 or email development.renewables@transport.nsw.gov.au.

Yours faithfully,

A handwritten signature in black ink, appearing to read "Alexandra Power".

Alexandra Power
Team Leader Development Services Renewables
Community & Place
Regional and Outer Metropolitan

OFFICIAL

SSD-33964533 – Goulburn River Solar Farm – Response to RFI

This attachment relates to TfNSW's response dated 7 May 2024 reference WST24/00054.

Context

TfNSW understands the subject application:

- Proposes development of a 550MW solar farm, energy storage and associated infrastructure.
- The affected classified State Road is Golden Highway and the intersection of Golden Highway and Ringwood Road and the intersection if Golden Highway and Barnett Street.

Additional comments

TfNSW has identified the following areas that should be considered to achieve better outcomes for the transport network.

Golden Highway/ Ringwood Road intersection

1. The designs submitted (*Goulburn River Solar Farm – Ringwood Road and Golden Highway Intersection Road Upgrade- Strategic Design Rev A 27.10.23 by Turnbull*) to support the left in /left arrangement are generally acceptable. Further information has been provided regarding the existing BAR treatment and show that further works are required to move the existing safety barrier. The final BAR treatment will need to comply with the requirement of Austroads.
2. The proponent will be required to enter a Works Authorisation Deed (per s64 of the Roads Act 1993) for s138(2) *Roads Act 1993* approval.
3. A condition will be required to identify the left in and left out movement for construction traffic and prohibition of the right in and right-out movements for construction traffic.
4. A condition will be required to identify the Golden Highway/Barnett Street intersection for the U-Turn movement for construction traffic, which is required to support the right in and out prohibition at the Ringwood Road/Golden Highway intersection.
5. The proponent has committed to monitoring the traffic volumes at the intersection and is proposing to implement travel restrictions if the volumes on Golden Highway get above 380 vehicles during peak hour. This will be required to be conditioned. Further information to how this will be implemented and monitored will be required within the Traffic Management Plan.
6. Ensure vegetation is maintained or removed so that sightlines to Ringwood Road when travelling eastbound on Golden Highway are enhanced.
7. Monitoring and compliance measures will be required to ensure adherence with the left in and left out for the construction traffic associated with the development.
8. Signage will be required to identify the turning movements permitted for the construction traffic on the approaches to the intersection of Ringwood Road and Golden Highway.

Golden Highway / Barnett Street intersection

1. Barnett Street is required to be sealed at the throat of the intersection with Golden Highway. This is to reduce the amount of gravel being carried onto Golden Highway.
2. Advanced warning signage, including trucks turning signs, to the satisfaction of TfNSW is required on both approaches to this intersection along Golden Highway.
3. A complaints section within the TMP will be required to address any concerns raised during construction of the development.
4. Ensure owners consent is provided for use of the run around facility on Barnett Street.
5. Require signage to ensure that the turn around facility is clear for the construction traffic vehicles associated with the Goulburn River Solar Farm.

General

1. A Traffic Management Plan TMP will need to be provided by the applicant and be consistent with the vehicle's dimensions proposed for the largest OSOM identified within the TIA.
2. Within the TMP the applicant will need to provide an OSOM route assessment identifying the road geometry and alignment along the identified transport route/s, including existing formations, crossings, bridges, intersection treatments and any identified hazards, including:
 - Bridge Assessments for any at risk bridges on the classified road network due to dimensions and weight of OSOM vehicles.
 - Pinch points (corners, hairpin bends, underpasses, bridges). If any further road upgrades are required a modification to the application will be required.
 - Any TfNSW Road upgrades that the OSOM vehicles will be required to traverse through as a part of the OSOM route. Include measures to consult with the Project Managers of any of the impacted TfNSW road projects that form part of the OSOM route.
3. A modification to the development consent will be required if any road works are required to facilitate the OSOM vehicles.