



About Neoen

- Founded 2008 in France; operating in Australia since 2012
- One of Australia's leading renewable energy power producers
- Long-term owner and operator of wind, solar & battery storage projects across Australia
- 11 operating wind, solar & battery storage projects, including 4 solar farms in NSW - over 2.3 GW in operations or under construction
- Developer of choice with 2 community-led projects where farmers asked Neoen to develop wind and solar on their land.
- Undertake sheep grazing on all operating solar farms.

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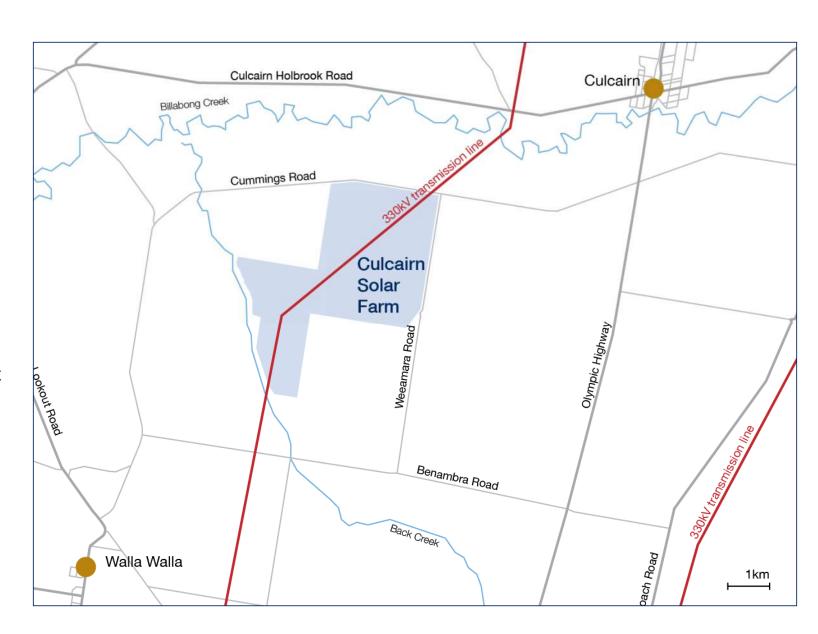
They're very good, community-minded people.

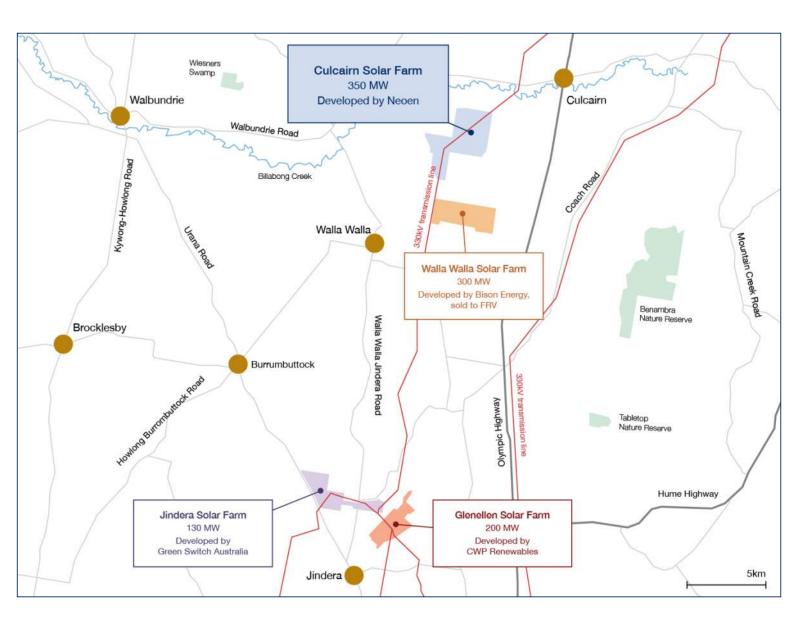
Eddie Rover, Neighbour at Numurkah Solar Farm, VIC



Location

- Approximately 4km south-west of Culcairn
- 50km north of Albury
- 80km south west of Wagga
- Located within the Greater
 Hume Shire Local Government
 Area
- TransGrid's 330 kV transmission line crosses the site
- Directly north of proposed Walla Walla Solar Farm





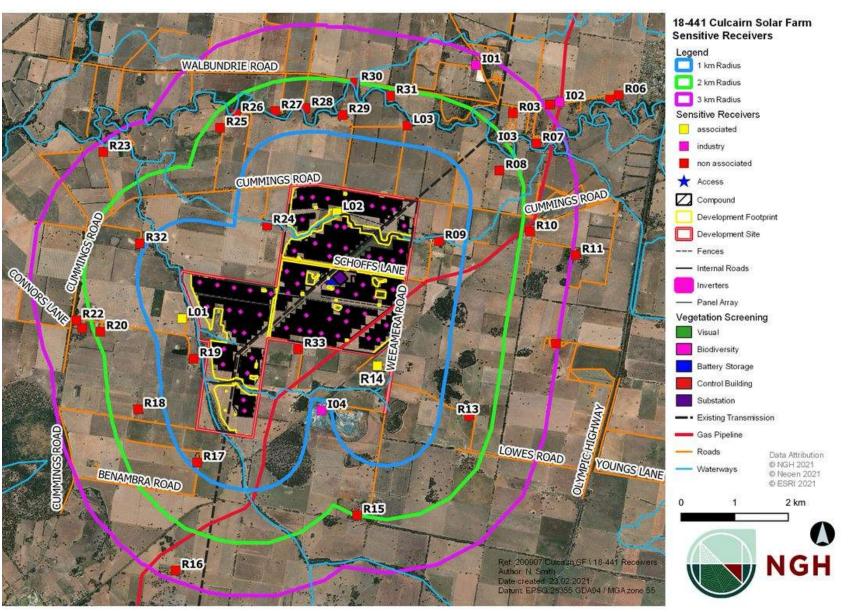


One of four solar projects proposed in the region

This map was developed to help address community confusion

Reasons for choosing the site

- Close proximity to TransGrid's 330kV transmission line
- Close to transport routes & Olympic Hwy
- Good solar yield
- Minimal vegetation removal required
- Low visual impact
 - Low biodiversity impact
- Low Aboriginal Heritage impact
- Low number of noninvolved receivers within close proximity (5 within 1km)



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CULCAIRN SOLAR FARM



350MW AC solar farm

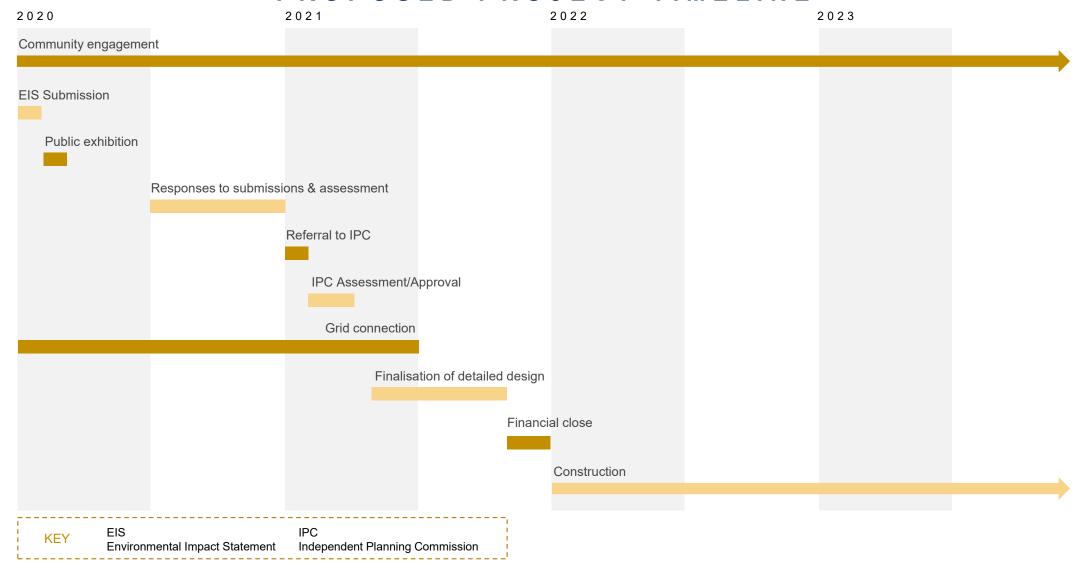


200MWh battery storage

- Expected 800,000 MWh of solar generation annually
- Single axis tracking PV solar panel configuration
- Approximately 900,000 PV modules
- On-site substation
- Project site: 1,039 ha privately-owned agricultural land
- Solar footprint: 892 ha
- RU1 zoned: utilised for cropping with intermittent grazing
- 5 residences located within 1km of the development site



PROPOSED PROJECT TIMELINE



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Summary of submissions

- EIS received 228 submissions (146 objections, 81 supporting and 1 providing comment)
- Greater Hume Shire Council objected to the project due to concerns about loss of agricultural land & amenity impacts to nearby neighbours
- Mayor originally voted in favour of the project, but broke the tie and voted against the project in order to ensure additional scrutiny of the project
- 11 Government agencies provided advice

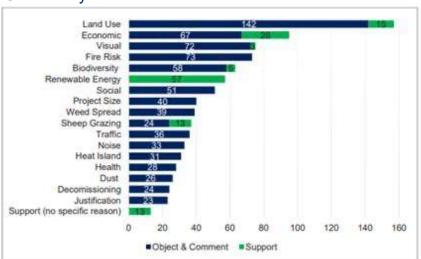
Table 4 | Summary of Community Submissions

Submitter	Object*	Support	Comment	Total
< 2 km	53 (52)	19	0	72
2 – 5 km	25 (24)	9	1	35
5 – 25 km	36 (32)	13	0	49
> 25 km	32 (30)	40	0	72
TOTAL	146 (138)	81	1	228

^{*} Numbers in brackets represent unique submissions

Note: there are 5 non-associated dwellings within 1km; 14 between 1 and 2km

Community concerns



Community themes of support

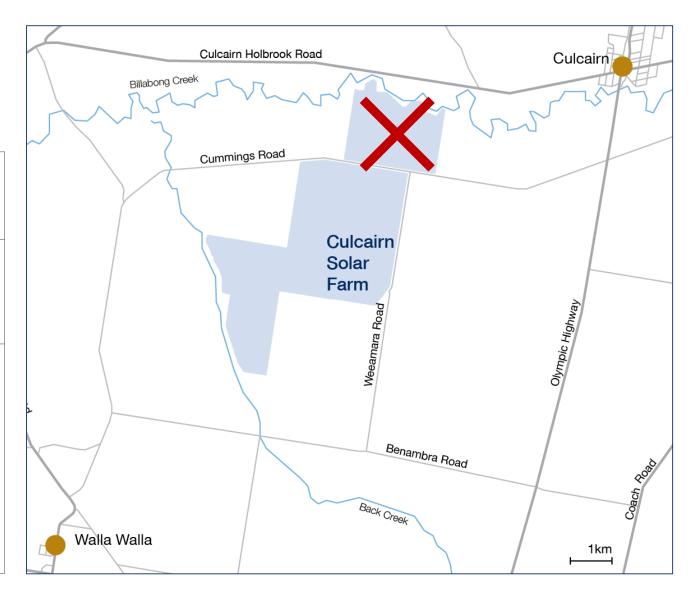
Theme of Support	Quantity
Renewable energy generation and subsequent environmental benefit	51
Local and regional economic benefits	45
Stance against opposition tactics	32
Continuation of agricultural (sheep grazing) practices within the project site	23
Community Benefit Fund to boost local development initiatives	
General support for the project	
Site suitability	
Beneficial long term implications for the community	
Additional tree planting efforts to boost local environment	

1. Land use & project size

Loss of productive agricultural land
 Overall project footprint too big

 Continuation of agriculture possible with solar farm
 Suitable site for solar

 Reduction of footprint through the removal of area north of Cummings Road (313 ha)
 Reduction of development footprint of 23% to 892 ha
 This area was removed as it is more agriculturally productive land and close to biodiversity of creek
 No. of neighbours within 1km reduced from 14 to 5 and within 2km reduced from 34 to 14







- AIS indicates est. 10% of the development site would be removed from agricultural production during the operation of the solar farm with the remainder of the site being available for sheep grazing around the solar panels. Overall capacity reduced by est. 25%.
- Neoen and host landholders are committed to the continuation of sheep grazing
- Neoen has a strong proven ability to co-locate sheep within solar as evident at Dubbo, Parkes, Griffith, Coleambally and Numurkah Solar Farms

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There are no issues with sheep-grazing co-existing with solar farms. Providing you have the right breed of merino or merino-cross and get stock numbers right, you can reach at least 80% of normal stocking rates. It's an opportunity and a win-win for farmers and renewable energy producers.

Tom Warren, Farmer and Landowner Dubbo Solar Hub in NSW







\$640 MILLION INFRASTRUCTURE INVESTMENT

~350 JOBS CREATED DURING CONSTRUCTION

FOR LOCAL ACCOMODATION & SERVICE SECTORS

~7 JOBS WHEN PROJECT IS OPERATIONAL

2. Economic impact

Concern

- Benefits to community limited to short-term uplift during construction
- Property devaluation and insurance liability for neighbours

Theme of support

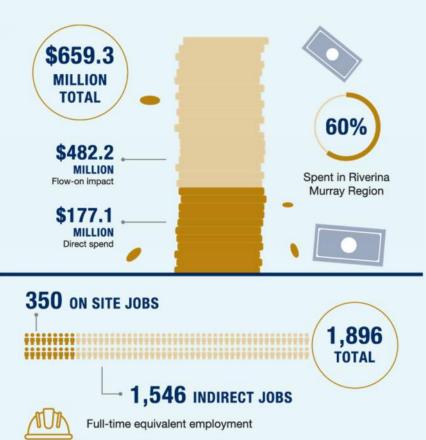
- Local and regional economic benefits in terms of jobs, services & local business
- Community will benefit through the funds committed

Neoen's response

- \$177million direct spend estimated during construction, of which \$60% million is expected to be spent in Riverina/Murray region
- \$15 million direct project spend estimated during operations, of which 90% is expected to be within Riverina/Murray region
- Potential to deliver 350 FTE jobs during construction and 7 FTE jobs jobs during operations
- Significant indirect impact as spending circulates through wider economy
- Local Participation Plan

Expected economic benefits for New South Wales





Predicted impact on NSW's economy during operations



Source: Aurecon Economic Impact Assessment Report, 2020

3. Social impact

Concern · Local division · Beneficial long-term implications for the community Theme of support Community Benefit Fund to boost local development initiatives · Local and regional economic benefits Over 130 conversations held with neighbours and local community members to identify and address concerns Information booklet was developed to address concerns Neoen's response Community Relations Plan developed Voluntary Planning Agreement with Greater Hume Shire Council Commitment to Community Benefit Fund Construction Disruption Payments for potentially affected residences



In-depth & responsive Community Engagement



Site identification



Landowner meetings



Dedicated project website, email and phone number created

2020



Greater Hume

Shire Council

meeting

Neighbour meetings



Online feedback form and info flyers made available



NSW Farmers event



Over 130 'kitchen table' discussions mostly in people's homes Michelle Croker appointed as our local community engagement expert In response to the drop-in session, we made a change to 'consultation as usual.'



Community drop-in session & feedback survey



Neighbour meetings

Greater Hume Shire Council consultation



Focus on 3 groups: near neighbours, wider community & business community



Site visit to Numurkah Solar Farm, VIC



Discussions led to a total community benefit sharing sum of \$10 million



Community engagement to discuss key concerns/issues



Community booklet developed to map & propose solutions to concerns



Response to concerns: e.g. reducing project size

4. Visual impact

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Negative impact on visual amenity

Theme of support

Neoen's response

Farming has changed the landscape over the last 150 years.

Negative impact is overstated and will not be what is claimed.

Neoen has proposed the following avoidance and mitigation measures:

- smaller footprint has removed infrastructure in the vicinity of residences R8 and R29
- supplementary riparian screening in the vicinity of R17 and R19
- reaching an agreement with the landowner for R14
- retaining the native vegetation within the site
- prepare a detailed Landscaping Plan









Photomontage view of proposed infrastructure

Response to R24 concerns

- Setback distance from R24 increased by 60m
- Tree screening increased



Extent of visual impact



Photomontage view with proposed tree screening



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Response to R33 concerns

- Additional screening
- Additional setback

Proposed Vegetative Screening
Visual Screening



Photomontage view of proposed infrastructure



Extent of visual impact



Photomontage view with proposed tree screening



5. Biodiversity impact

Concern	Impact on biodiversity through clearing of paddock trees, loss of habitat for threatened species
Theme of support	 Impacts to biodiversity have been reduced with a change to the design of the development footprint within various stages of the proposal.
Neoen's response	 Smaller footprint has removed infrastructure north of Cummings Road 51 ha native vegetation patches occur within development site, of which only 0.33 ha would be impacted Reduction in paddock trees impacted from 99 in the EIS to 64 following RTS Some trees within panel infrastructure have been further avoided by design 22 HBTs would no longer be impacted Retained vegetation within development site would be enhanced through ongoing rehabilitation

Table 3 | Summary of amendments to the project during the assessment process

Aspect	(January 2020)	Final Proposed Project (October 2020)
Project site (ha)	1,351	1,039
Development footprint (ha)	1,126	892
Number of PV panels	1,100,000	900,000
Distance from R24 to solar panels	437	498
Native vegetation removal (ha)	0.61	0.33
Clearing of paddock trees	99	64
Upgrade to Weeamera Road, between the Quarry entry and the site access (approximately 1.4 km)	Widen to a 6 m paved seal	Widen to 7 m paved seal

Weed spread

Soncern

Hairy panic

Theme of support

Hairy panic is already very common in the landscape as a result of past agricultural practices.

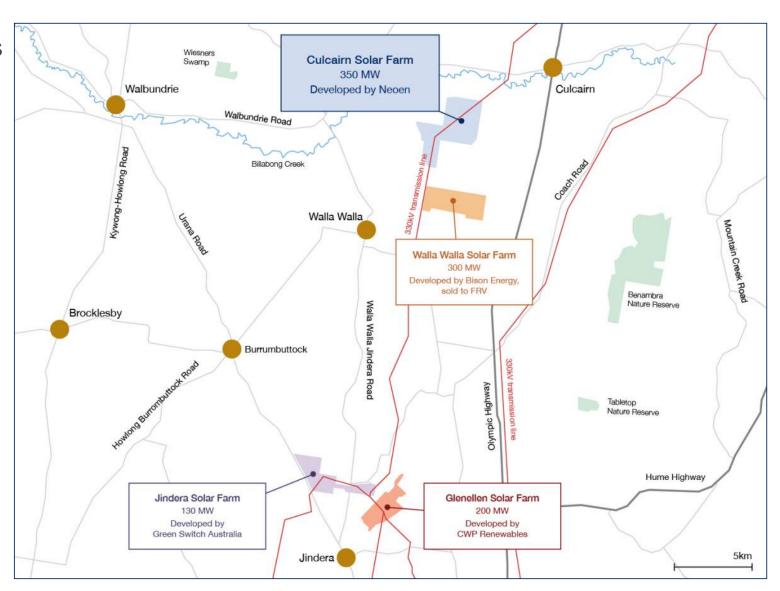
Neoen's response

- Neoen has proposed the following avoidance and mitigation measures to reduce the biosecurity impacts:
- Standard hygiene control measures to reduce biosecurity impacts during construction
- Ongoing weed control during operation
- Grazing beneath panels to control weeds
- Control of Hairy Panic would be of benefit to the operation of the proposal and welfare of stock

6. Cumulative Impacts

Concern Cumulative Impacts of four projects Theme of Vegetative screening will minimise visual impacts Loss of agricultural land is minimal Development footprint of all projects farms in region would be ~8,000 ha. This represents 0.09% of land being used for agricultural output in the Riverina Murray Region. Neoen's response Four projects in the Greater Hume LGA would represent 0.59% of land being used for agriculture in this LGA. Sheep grazing can occur under solar panels · Community Benefit Fund tailored to Culcairn & Walla Walla community

needs





7. Fire risk & mitigation

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• Fire risk from electrical equipment in bushfire prone land; increase of ignition points

Theme of support

• Providing additional fire mitigation measures

Neoen's response

- On-site fire management workshop held at Numurkah Solar Farm on 18th March 2020 with representatives from the site operations team, Fire and Rescue NSW, Culcairn Fire Station, Country Fire Authority, Greater Hume Shire Council, Rural Fire Service Volunteer and Culcairn Rural Fire Service
- Development of a Bush Fire and Management & Emergency Response Plan in consultation with local RFS to be implemented during construction, operation and decommissioning
- Plan to include management of activities with a high risk of fire ignition, management of fuel loads, site access points and provision of adequate water supplies for fire protection.
- Development of a comprehensive fire safety study (FSS) for the Battery Energy Storage System (BESS) in accordance with the requirement of the Hazardous Industry Planning Advisory Paper No.2 and in consultation with the FRNSW.

Contact



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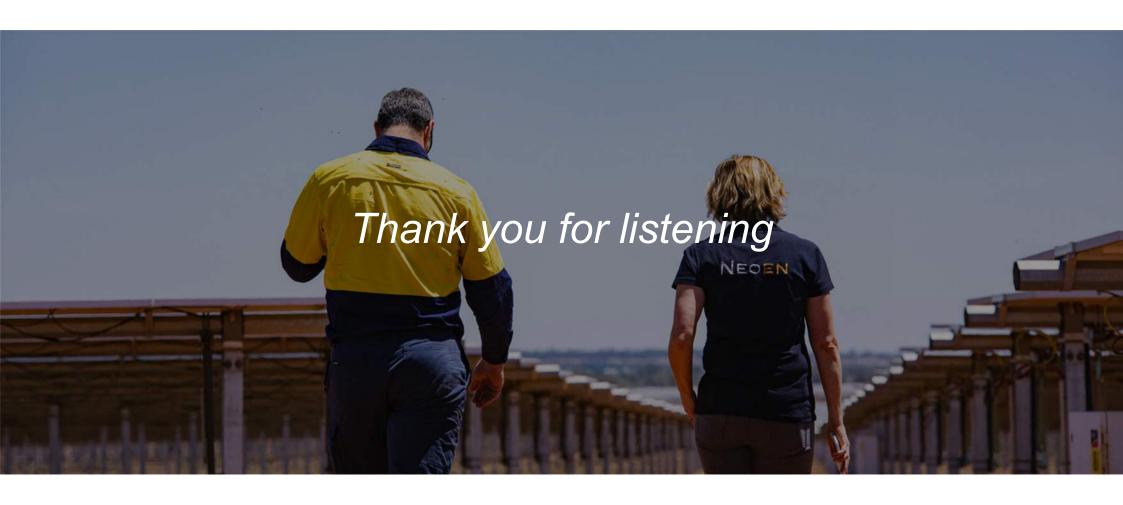
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