

**DEVELOPMENT ACT, 1993, S49/S49A – CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

My name: Genevieve Wells
 My phone number: 0427 362474
 PRIMARY METHOD(S) OF CONTACT: Email address: gen.wells@bigpond.com
 Postal address: PO Box 106
Crystal Brook SA Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
☒ occupier of local property
☒ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is 97 Warrabine Road Postcode 5523
Crystal Brook

The specific aspects of the application to which I make comment on are:

Discussed in my attached letter

I ☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
 (Please tick one)
 by ☒ appearing personally
☐ being represented by the following person :
 (Cross out whichever does not apply)

Date: 28th June 2018 Signature: [Signature]
 Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
scapreps@sa.gov.au

The Secretary
State Commission Assessment Panel
GPO Box 1815
ADELAIDE SA 5001

Dear Sir/Madam

I write to address the Crown Development application 354/V003/18 lodged by Neoen for the Crystal Brook Energy Park – Hybrid renewable energy project.

I am a resident of Crystal Brook and have been following the development of this project from its outset – right back from its early days with original company Origin and later as the concept was sold onto French company Neoen.

I had strong concerns that the Southern Flinders Ranges was not a suitable place for wind development however vowed to learn more and understand the project before making a final assessment. My concerns have not been allayed and the more I have learned about this project as it has evolved the stronger my objection and concerns have become.

From the outset I want to reiterate that I am a strong supporter of renewable energy. We have a 10 acre lifestyle property in Crystal Brook and have endeavoured to be as environmentally conscious as possible installing solar panels, using collected rainwater and running our home as sustainably as possible.

I wish to express my strong objection to this development and in particular the windfarm component with the hope that the concerns I list with this application will be taken into consideration by the panel when making their recommendations to the Minister for Planning.

I have strong objection and concern regarding the following matters:

- **The visual amenity of the area will be destroyed. (these are the largest turbines in Australia and the closest to any rural small town)**
- **The proximity of this project to a small community**
- **The effect on local tourism and the towns branding as the "gateway to the Flinders Ranges"**
- **The ongoing noise from the turbines (there is no precedent for structures of this size and current EPA noise guidelines do not sufficiently address the noise or health impacts particularly given their close proximity to each other (company recommendations for these 4.8mw towers should not be any closer than 10 blade widths and yet are around 3 blade widths apart**
- **The destruction of habitat and wildlife corridors**
- **That guidelines regarding windfarm development are no longer relevant to these larger wind tower structures and urgently need to be updated before any further projects are approved**

I will substantiate my concerns by addressing anomalies I have noted with Neoen's application and their interaction with our community. I believe these anomalies should be taken into account by the panel when considering if this project should be approved (which I don't believe it should!)

Some 18 months ago our son who is 25 spent his life savings on a 3 acre block on John Street adjacent to Talbot Road with the intention of building his future home. In November last year he learned that this would be only 2 kms from the revised wind turbine plan which Neoen failed to communicate to he or many other property owners in this area who would all be affected. Many are young families and have now learned will all be affected by noise from the 240m turbines.

In the introduction to their application, Neoen point to community benefits (Introduction 1.3.1) I have since spoken with a number of community members to gain an understanding of the benefits to the Jamestown community of their wind farm project, also constructed by Neoen. What I have learned has been concerning. Whilst a small number of local contractors were engaged many of the people who worked on the actual project were 457 visa holders and were not in fact local employees as suggested by Neoen. Several have stated that the town has not seen as much benefit as hoped and several landholders having to fight with the developers at times to keep turbines in planned locations and not shift them to areas which were easier to excavate however would seriously disrupt their farming operations.

Benefits to local tourism are also cited however the turbines in this project are all located within a 5km radius of our iconic Bowman Park tourism facility and the whole project will tower over the adjacent Heysen Trail which runs from Bowman Park through to Hughes Gap at the northern end of the turbine footprint I fail to see that 240m turbines in this vicinity are going to add to tourism. In fact I believe they will have a strong detrimental visual impact on tourism given the proximity to these giant structures. I have traversed these areas both on the top of the range and along the Heysen trail on horseback and on foot. It is a beautiful area and one which should be preserved.

Neoen are also keen to reiterate the \$80,000 community benefit fund. I don't believe that this fund will in any way compensate the community for the detrimental effect this project will have.

Neoen also cite the Community Open Days and community consultation they undertook. I mentioned earlier that they failed to communicate to many of the affected properties about their revised layout and proximity to these properties (including my son). The community information sessions were originally held at the football club and then later in the main street in the very small CWA building which meant they were unable to house many people or information. The photo montages were of poor contrast and were certainly not to scale as was admitted in their Landscape Visual Assessment (Volume 2

Pg158 "*this LVIA acknowledges that large scale objects in the landscape can appear smaller in photomontage than in real life and is partly due to the fact that a flat image does not allow the viewer to perceive any information relating to depth or distance*") This gave an understated and poor indication of what the actual 240m towers would look like. In referring to the community consultation sessions Neoen state in their application "*these were well received and overall positive*". I picked up a feedback form on the day and submitted it by email that evening. The questions were all loaded towards positive responses which gave little opportunity for people to raise their concerns. I have pasted below the response I received from Tom Jenkins to my submission via email which in no way addressed my concerns as they suggested they were doing in their application!

"Sent: Saturday, 31 March 2018 9:27 PM

To: Genevieve Wells <gen.wells@bigpond.com>

Subject: Re: Feedback form

Thanks, Genevieve - much appreciated! Hope you found the Open Day useful - don't hesitate to reach out if you have any questions.

Kind regards,

Tom

Tom Jenkins

Project Manager

Level 6, 16 Marcus Clarke St, Canberra ACT 2601

Neoen also fail to mention that in June 2017, over 700 people signed a petition against the windfarm and this was presented to the local Member, the Hon Geoff Brock. It is clear that there has been minimal communication to Crystal Brook residents. There have been no mail outs and Neoen have relied on the two open days and their website as a means of communication to the community. Given that 29% of the residents are aged over 65 years old and 20% are aged over 70 years old (http://www.censusdata.abs.gov.au/census_services/getproduct/census/2016/quickstat/UC1415011?opendocument, Australian Bureau of Statistics, 25th June 2018) many are not tech savvy and do not communicate electronically. When discussing the project with members of the community over the past 6 months many have been completely unaware of the size of the turbines or the proximity of the turbines to the township.

CROWN SPONSORSHIP LAPSED

The original Crown sponsorship approval provided to Neoen by Dr Don Russell clearly states that the extension to the Crown Sponsorship agreement which had been provided by Neoen on 6th February 2017 was approved until 31st March 2018. I was advised by the Planning Minister, The Hon Stephan Knoll in a response letter dated 11th March 2018 that the Neoen submission was received on 5th April 2018. (As per scan image below). This was also confirmed when I phoned Mr Lee Webb who advised me he was managing the Neoen application. Twice I asked him what the official date of submission was and he confirmed that it was indeed the 5th of April as this was when the application fee had been paid and finalised. Of further concern was that when the planning commission were contacted about this discrepancy by the Port Pirie Regional Council on Friday 15th June this date was hastily changed on the Planning commission website!

18MPL0141



Government
of South Australia

The Hon Stephan Knoll MP
Member for Schuhoort

Genevieve, Michael and Harrison Wells
97 Wongabirrie Road
CRYSTAL BROOK SA 5523

Dear Genevieve, Michael and Harrison

Thank you for your correspondence regarding the proposed development of the Crystal Brook Energy Park project.

I can confirm that a development application for this project was lodged with the State Commission Assessment Panel (SCAP) on 5 April 2018.

The application did not meet the timeline requirements for Crown Sponsorship support under Section 49(2)c of the Development Act 1993, which raises the question, Is it a valid application?

CONFLICT OF INTEREST

I am concerned about a potential conflict of interest in the fair assessment of this project. The Presiding member for the State Commission Assessment Panel is also a Principal Planner for GHD, which is the company engaged by Neoen to provide reports in support of this application. There are five reports from GHD included in the application:

1. Volume 1 – Project Description and Impact Assessment Findings
2. Draft Construction Environment Management Plan
3. Volume 2 – Project Description and Impact Assessment Findings
4. Traffic Impact Assessment Report
5. Electromagnetic Interference Assessment

Further to this Conflict of Interest is the membership on the panel of the Honorary French Consul for South Australia and with Neoen being a large French company this is of strong concern.

It is not possible for these members to take any part in the discussion or decision making for this important project and even with a Conflict of Interest being declared I do not have confidence in the integrity of this process.

THE APPLICATION IS OF POOR QUALITY AND UNPROFESSIONAL

I am concerned at the many errors which have been noted in Neoen's application. Right across the submission there are items have obviously been inserted from other applications and are not relevant. In several areas there are "In Error! Reference source not found" formatting issues which affect references to photos and factual information which demonstrates the lack of care and concern Neoen have for accuracy and for this project.

Some examples of this are as follows:

- Volume 1, Page 1
 - Turbine CB18 is in the Port Pirie Regional Council Landscape Protection Zone and yet the *Crown Development, Zone/Policy Area* is listed as *Primary Production Zone Port Pirie Council*. Neoen were advised by the Port Pirie Regional Council that wind turbines were not consistent with the Councils Development Plan in respect of the Ranges Zone.
- Volume 1 Page 3
 - "The redesign of this project also took into account concerns expressed by the Beetaloo Valley Association, with the result being that no BVA dwelling is any closer than 2.9km to a turbine, with the majority at a distance well over 5km" This is not the case as the closest Beetalook dwelling is 1.3km.
- Volume 1 Page 17
 - Property Certificate of Titles are not consistent and CT5516/886 and CT6187/686 are in the Northern Areas Council and not relevant to the revised layout
- Volume 1 Page 13
 - "Figure 2-2 provides an overview of the final project arrangements and layout". Figure 2.2 and all subsequent project layouts are listed as Draft?
 - Volume 2, GHD's Traffic Impact Assessment Report (TIAR) is another example of the poor quality of this submission with incorrect information and photographs which have been incorrectly referenced. Photographs have been captioned as facing East when in fact they are facing West and viceversa. There are references to "Heavy Vehicle Routes providing access to the site, from east of the Victorian/South Australian Border"?? and another cut and paste example "Table 16 Level of Service (LoS) vs AADT for two lane, tow way rural roads, assuming rolling terrain and K=0.10 (Austroads GTEP part 2, table 3.9, 1999"??

The formatting, fact checking and proof reading in some instances of this application would be comical were it not so serious. How can Neoen be demonstrating their competence to lead a \$65m project when they cannot take responsibility for such a poorly prepared report? Given that GHD have stated *"they have no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared"* (Page 2 of the TIAR) the onus rests with Neoen to ensure the reports submitted with the application are correct and this responsibility has clearly not been undertaken.

5.3 LANDSCAPE AND VISUAL IMPACT ASSESSMENT (LVIA)

Volume 1 Page 47,48,49

The LVIA states that *"views toward the Project from local roads will offer a range of transitory views"* and there is a *"potential screening influence of vegetation alongside road corridors"*. The following photos were taken June 26th 2018.



View east from highway one towards Hughes Gap road and looking at range which turbines are proposed to be built on



View north from driveway of H24 on Hughes gap road looking east toward proposed turbine range

There are no photos in the application which give views from Highway One. The above pictures taken 25th June 2018 show there is very little vegetation on the roadsides of the adjacent main roads (as suggested in the application) and there will in fact be an enormous visual impact.

To state otherwise is false and misleading and a clear omission from this application.



View from Highway One just north of the Crystal Brook turnoff looking towards the Grainflow site

They also state that "Given separation distances, the Project is unlikely to have a significant visual effect on the character or surrounding residential localities and the Crystal Brook township where views toward the project from the majority of residential and or commercial view locations would be screened by adjoining buildings or structures and or surrounding tree cover. Visual impacts at the northern edge of the Crystal Brook township may tend toward moderate"

The above photo is taken from Highway one across towards Crystal Brook and in reality there are very few trees which Neoen state would screen these turbines.

Further to demonstrate the impact the view of the turbines will have on surrounding homes, I provide the following montage picture which is from a view not far from the front of my sons projected front door of his planned home and I do not classify this visual impact as moderate!



Volume 2 Pg 160 – Photomontage 1

They also state "Neoen intend to offer additional vegetative screening to nearby neighbours" Given that these 240m turbines will be placed on a range which is 240m above sea level and the town (only 3kms away) is 100m above sea level there is no tree in the world which is going to provide screening for these structures let alone the time any screening plant of this magnitude would take to grow.

The information provided in Neoen's assessment of the visual impact is false and misleading regarding the visual impact. In reality there will be a devastating impact on the views from the town, nearby homes and the surrounding area for several hundred kilometres.

TURBINE HEIGHT AND CAPACITY AND SUBSEQUENT NOISE IMPACT

Volume 2 Pg 209,210,211

This project has been strongly driven by one main landholder who will have 14 turbines situated on his property. Whilst I respect his right to investigate and undertake business opportunities I cannot quantify the negative impact that one persons push for this project will have on the 1200 residents of our small community. As earlier stated there are no other turbines of this output (4.8mw) or this height (240m total height with a blade length of 80m). It is a strong indication of the expected effect of the noise output that two of the major host benefactors plan to leave the area given their proximity to these giant towers should this project go ahead.

Neoen declined to undertake noise monitoring at several non-associated residences when residents requested the company to provide sound data collected at the property and the use of an independent acoustician.

Due to the original project layout being in the Port Pirie Regional Councils Landscape Protection Zone the project was compacted and moved south in 2017 traversing from Hughes Gap to almost Talbot Road (an area of just 3.8 x 3.7km). (As mentioned earlier one turbine is still in the Landscape Protection Zone) To fit as many turbines into this project as possible the turbine spacing is now approximately 3 rotor blade widths apart and the turbine height and size was greatly increased. Research indicates the optimum rotor blade distance for turbines of this diameter should be at least 10 rotor blade widths apart, (https://people.mech.kuleuven.be/~jmeyers/resources/downloads/WE2012_15_305-preprint.pdf, Meyers, J and Meneveau, C Feb 11, 2011) and (<http://www.aweo.org/windarea.html>) and there are no scientific articles investigating the infrasound and noise impacts of turbines this closely spaced.

Clearly there will be noise impacts given the letter from the second major landholder (Volume 2 Pg 215) as he has signed a waiver indicating noise levels are "likely to result in Outside noise levels at my residence up to 48dB(A)" and later "Inside noise levels of no greater than 30dB(A)." This landholder has indicated publicly that he will move away several hundred kilometres if the project is constructed result leaving behind a very concerning legacy.

Given the windfarms proximity to many dwellings (one only 1.3km away) and many only 2kms away it is clear the current EPA guidelines are not sufficient in regards to the noise impact of turbines. This is strongly demonstrated by a representation to the 2015 Senate Select Committee on Wind Turbines from Clive and Trina Gare who are windfarm hosts from Hallett SA, (<https://stopthesethings.com/2015/06/15/sa-farmers-paid-1-million-to-host-19-turbines-tell-senate-they-would-never-do-it-again-due-to-unbearable-sleep-destroying-noise/>) who when questioned stated:

"Mr Gare: No. It was all glossed over right from the start. We were given no information.

One of their little tricks is to take people right up to the towers and say, 'This is how noisy they are.'

But that is not so.

The further you get away from the tower the noisier they are. That is a funny thing, to a point I guess.

When you are right underneath them and they are 80 metres up in the air there is very little noise.

There is just a bit of wind noise. As you go away one or two kilometres it actually gets worse."

And

"Mrs Gare: "In the months after the towers started in October 2010, the noise was unbearable, especially when two towers became in sync. A loud thumping would radiate throughout the house. Even watching TV in the furthestmost room from the towers, you could hear them. Sleeping was most

difficult. I use, and still do, an earpiece radio every night, which helps block out the noise to a certain degree. If they are really going I have to up the volume."

I don't believe there are adequate protections in place at the current time and I urge SCAP to place a moratorium on further windfarm developments until appropriate and rigorous independent testing can be carried out.

As a resident who faces the possible impact of these unknown effects of 240m turbines, I feel like I am part of a mad science experiment! There are no precedents to this type of project and its proximity to a town and the planning laws we currently have in place do not address the size and scale of these structures. I strongly believe there will be detrimental effects from turbine noise on residents as far away as 5km.

Of further concern to me is the impact on another resident who rents a property from the main benefactor. Given that this property is within the 1.0km setback distance from dwellings the landholder has seen fit to advise this person that he will be evicted and that the house needs to be razed to make way for a "silo pad". Clearly this is not the case as stated in his letter

Volume 2 Pg 211 "Thus, I have suggested to Neoen that at financial close, the house be demolished and the 1300m buffer removed from the layout. The additional turbines which are enabled by this will far outweigh the loss of the rental return" and the statement "Based on the availability of housing in Crystal Brook area, I do not believe the current tenants will have any difficulty securing equivalent or better accommodation for a similar cost."

Given that the cheapest rent currently available in Crystal Brook is \$140 per week (<https://www.domain.com.au/rent/crystal-brook-sa-5523/>) I have strong concerns for the welfare of this person who has other issues and minimal income.

5.6 FLORA AND FAUNA ASSESSMENT

Volume 1 5.6 Page 40

Neoen advise that the most recent survey of Flora and Fauna was undertaken in February 2018. The timing being in the middle of a particularly dry and hot summer would not have provided a true survey of the vegetation or fauna given that many plants are in an almost hibernation phase to avoid the summer heat. This summer was also particularly dry and there were no summer thunderstorms to initiate any plant growth. This would have also meant there were very few water sources for birds or reptiles in the area. Several native grasses and lillies are only easily identified in Spring when they are at their peak growing period and flowering and these cannot be surveyed in February. I also don't believe that the impact on the raptor population has been correctly assessed as the proposed towers have a blade sweep of 19,600m² and are now condensed into an area of just 3.7 x 3.8km. This leaves very little corridor area for species such as the Spotted Harrier and Brown Falcon which live along the ranges, together with several species of bats.

Volume 2 Page 10 4.3

In part 2 of the application further surveys are listed as having been carried out at the same time of year in 2017 and also in May which was again a dry period with a late break to the winter season. Again not conducive to capturing a true reflection of the Flora and Fauna population. These surveys were also conducted as a single day survey and a two day survey via microsilting. As per the CSIRO report "Using multiple survey methods to detect terrestrial reptiles and mammals: what are the most successful and cost-efficient combinations?" (<http://www.publish.csiro.au/wr/wr06111>) finds pitfall traps are the most effective method for detecting the highest number of ground-dwelling mammal species and reptiles and recommend that a combination of at least two complementary methods will provide the most successful detection.

The methods used by EBS and the timing of the surveys carried out are in no way a competent assessment of the local fauna population.

5.12.1 FIRE AND BUSHFIRE (FIREFIGHTING)

Volume 2 Pg 27

Whilst Neoen state that "the most effective way to manage a fire is the use of ground-based resources". The Beetaloo area relies on the use of aerial firefighting due to its rough undulating terrain and this was proven in March 2017 when 4 aerial bombers were dispatched to control a bushfire. The infamous Bangor bushfire only a few kilometres north of where this proposed windfarm is placed lasted a month and at one point required 7 aerial bombers <https://www.theflindersnews.com.au/story/2075353/bangor-fire-contained-video-photos-update/>

The link provided by Neoen on CFS aerial firefighting limitations actually states the following and not what Neoen are suggesting in their report "Vertical obstructions such as power lines, weather masts, radio and television transmission towers, tall trees and wind turbines close to a fire area may limit aerial firefighting operations. Where obstructions do exist, a dynamic risk assessment is undertaken by the pilot in command prior to aircraft being committed. In some circumstances aircraft will not be utilised because risks caused by vertical obstructions exceed safe operating conditions."

Our son is a CFS volunteer and believes that stating that ground based resources can effectively manage a fire in the area of the proposed development is dangerous and ill informed and given the history of firefighting in this area the unhindered use of aerial firefighting is vital.

SITE ACCESS AND TRAFFIC DANGER

In Volume 2 Page 37 of the Traffic Generation and Distribution report there are two access point sites pictured (both photos are incorrectly labelled). The indicate site access points at the top of the Hughes Gap Hill. Both approaches to this area are via a bitumen incline and the approach on the Eastern side is particularly steep and contains a passing lane as road trains are very slow to climb this ascent. To access the proposed site from the north the sight distance readings were taken and on page 36 state "*The sight distance to both the eastern and western approach meets Austroads requirements for passenger vehicles. However, sight distance to the eastern approach fails to meets requirements for heavy vehicles, raising a substantial safety concern.*" Wilkins Highway is a regular freight route for farmers from right across the upper and mid north to transport grain to receival sites owned by Viteria and Grainflow at Crystal Brook. Truck drivers will not be able to halt their road trains on the steep up climb nor will they easily be able to restart their journey if held up by over dimensional (OD) vehicles carrying 80m turbine blades.

This route is also traversed by two school buses on a daily basis connecting students to high schools in Port Pirie.

I believe site access to the northern part of this project is inappropriate and a dangerous oversight. The effects to other road users has been understated and the capacity for serious accident is a strong concern.

DIGITAL TELEVISION DISRUPTION

Volume 2 Pg 300 Predicted Impact and Mitigation Strategies.

Neoen summarises there is *"Potential minor service degradation to local community, ie TV reception within 10km of wind farm may be affected"* The proposed wind farm is situated between "The Bluff" (a high range point where the local television transmitter sits) and Crystal Brook. In the report ITU-R BT.2142-1- *The effect of the scattering of digital television signals from a wind turbine* it states "Digital TV signals can experience interference due to the presence of wind turbines" and *"Impacts can be caused by scattering of the signal – which means the TV transmissions are reflected by the turbine blades and towers."* It also states *"Effects can occur at distances up to 13.5km"* (not just 10km as suggested by Neoen) Given the turbines will sit directly between the transmission location and the township it is highly likely there will much greater impacts than predicted. Having spoken to residents at Hornsdale, Clements Gap and Yongala many have been affected by poor television transmission following the erection of wind turbines and they are not directly in the line of transmission like Crystal Brook is. The mitigation strategy to *"offer a satellite television alternative"* will enrage local residents who will lose local news content (as this is televised from QLD) and no sport such as AFL football.

Neoen have indicated themselves that there will be a likely potential for service degradation. This is an unfair and unnecessary impost especially on the more older members of our community who do not have the means to source information through other services.

WIRELESS INTERNET

Volume 2 Page 301

Again, Neoen summarise that there is "potential for minor service degradation to local community". If unable to correct this Neoen advise they will be *"offering a satellite broadband alternative"* Satellite plans are much smaller and more expensive. We operate a Precision Agriculture business which processes data collected by farmers who receive it from their machines via wireless data transfer. We, and the farmers rely on high speed, reliable internet, and we already struggle to obtain the speeds needed to upload and download agricultural data let alone encounter intermittent signals transmitting data back and forth from machines operating in the field.

Crystal Brook is connected to the NBN through a Fixed Wireless service. When many people migrated to fixed wireless their phone lines were also transmitted to this service. Telstra intend to cease maintenance of the copper phone line network. If residents are migrated to a satellite broadband service they will lose their landline option and given the population demographic in the town many still rely on this form of communication.

This again is an unfair and unnecessary impost and a serious disruption to agricultural business and the general public.

CONCLUSION

As stated at the beginning of my submission I oppose the construction of wind turbines in such a close proximity to Crystal Brook. There are so many serious negative impacts that the construction of this project would cause including an enormous impact on the visual amenity for a wide-reaching area, the impact of infrasound and noise on nearby homes and the whole town, detrimental effects on tourism, threats to our valued biodiversity, road safety concerns, the impact on firefighting, devaluation of property and the effects on television and internet services. Wind turbines have not reduced the cost of electricity and there are many stand alone solar and battery projects now being developed which have much less impact on the community and environment. I strongly believe there will be an enormous future regret for the damage which has been caused by the construction of wind turbines on so many of our ranges in South Australia. I fail to see how the destruction of the range in the precious Southern Flinders can validate the construction of structures which are "supposed to be helping to save our planet" – it just doesn't make sense!

Genevieve Wells

97 Wongabirrie Road
Crystal Brook SA 5523
Gen.wells@bigpond.com

Footnote:

On completion of my submission I have learned this evening whilst attending a meeting of the Port Pirie Regional Council they were advised by SCAP today that the applicant has made a formal amendment to the layout of the turbines and turbine "CB18" which was in the Port Pirie Council Landscape Ranges Protection Zone has been moved. Grant McKenzie, Director Development and Regulation was advised "it was a "mistake" by the architect and should not have been located there"

I find this change right in the last days of the period for public comment concerning and would challenge the State Commission Advisory Panel if this change to the application during the public consultation period is within planning guidelines. Where is this turbine now situated? The public do not have the opportunity to assess if this is in a suitable site or will affect neighbouring properties.

I also feel this type of "mistake" further demonstrates the incompetence of this company to run a large scale project.

It is also very important to note that Neoen indicated in their application (Volume 1 Page 14) that when they met with Council in early Nov 2017 "The meeting was highly positive and these Council members expressed their in-principle support for the project"

Council made it very clear during the meeting last night that this was not the case and they were only being advised of changes and in no way did those present indicate their support for the project. The Mayor and council members were clearly upset about this misrepresentation and included this in a motion which opposed the project and was unanimously passed.

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My name: Harrison Wells
 My phone number: 0448 362474
 PRIMARY METHOD(s) OF CONTACT: Email address: harrisonwells24@gmail.com
 Postal address: PO Box 106, Crystal Brook
SA Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(s) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
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☒ a private citizen

The address of the property affected is 32 John St, Crystal Brook Postcode 5523

The specific aspects of the application to which I make comment on are:

written in the attached letter

I ☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
 (Please tick one)
 by ☒ appearing personally
☐ being represented by the following person :
 (Cross out whichever does not apply)

Date: 28.6.2018

Signature: [Signature]

Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
scapreprs@sa.gov.au

Harrison Wells

97 Wongabirrie Road
CRYSTAL BROOK SA 5523

0448 362474
Harrison.wells@bigpond.com

The Secretary

State Commission Assessment Panel,

GPO Box 1815

ADELAIDE SA 5523

Dear Sir/ Madam

I write in relation to Crown Development Application 354/V0003/18 being the Crystal Brook Energy Park and wish to lodge my complete objection to this proposal.

I am a 25 year old resident of Crystal Brook and was raised and still live in the area. It's a beautiful part of the world and for this reason I have been saving hard whilst working hard in the mining sector to buy my own block to build my dream home on. 18 months ago the opportunity arose to buy a 3 acre block on John Street which is situated on the Crystal Brook creek on the north side of Crystal Brook between the town and Bowman Park. I spent my life savings and am now continuing to save to commence building my home in the next 12 months. The area is a new development and there are several young families who have purchased these lifestyle blocks to build homes and raise their families. I am planning my home to be sustainable with solar panels and rainwater catchment and eco waste management. I am in favour of renewable energy but this project is an unfair impost on our small community. I don't believe it will assist to drive power prices down and would much prefer to see the project involve just the solar panels, hydrogen and battery so it doesn't impact on myself, my neighbor's and our whole community.

You can understand how disturbed I was to learn late last year that Neoen had put forward a revised plan for the Crystal Brook Energy Park and now planned to build 240m wind turbines which would be as close as 2km from my planned home. At no time was I approached by Neoen to advise me of this and all of the people I have spoken to in the nearby area were not advised either.

I am so concerned about the noise and visual impacts this will have on my planned home. My front door and front windows will look out on the view below and I don't believe this picture which is included in Neoen's application is even a true representation of what 240m turbines will really look like on the

nearby ranges. I feel this is a really unnecessary and unfair impact on myself and all of the people who have bought blocks and built homes in the Talbot Road and John Street area north of Crystal Brook.



In their application Neoen say the visual impact will be moderate and they may offer screening plants. I am busy planting trees on the back of my block at the moment which are going to take a long time to grow. I have beautiful views of the ranges at the front and the creek and ranges at the back and this is what attracted me to the block. There are no screening plants which Neoen could offer which could grow high enough to screen the view of these structures and I think this suggestion is laughable! The views from the roads and town and whole area will be affected by these giant structures which are twice the size of any other windfarms such as Hornsdale and Clements Gap. This is disastrous and unnecessary and I am appalled that the landholders and the company want to impose this on our small community.

Whilst there have been questions over the effects of Infrasound and noise in the past I have talked to people from Hallett and Hornsdale who live near wind turbines which are only half the size of the ones proposed in this project. Many of these people are now being affected every day and night by this and it is very real. They have had to have sound proofing and double glazing put in their homes and even this doesn't stop the noise. Many have to sleep with ear plugs and have the radio on and suffer from interruption to their sleep. Given that I am a shift worker I am really worried about how this will impact on my life.

Neoen say that there are many people in favour of this project but I and many of the people who have homes near my block all signed a petition against the windfarm last year which contained over 700 signatures. For a small community of 1200 or so people I believe this is a huge indication of the concerns that people have about this project. I also think there are many who are not aware of how close or how big the turbines will be as there has been little communication from the company barring the two open days. There have been no town meetings where people could ask open questions and discuss publicly and there have been no mail outs to keep people updated on what is going on or that they could comment on their application.

I am concerned about damage to the ranges during construction. In year 12 I did a project about the impacts of windfarms and studied some of the problems which occurred with the Clements Gap windfarm. I noted first hand when I visited that there were issues with run off of water causing erosion

to the nearby landscape. The building of roads and laying of cabling had a big impact on the landscape. This is of great concern as there are many plants and animals which live on top of this range which will be disturbed. At Jamestown lots of landholders have reported having turbines shifted without notice by the company if they have had trouble putting them where they are planned. We don't need these impacts on this beautiful range.

I am also concerned about how this will affect wireless signal and television reception. I really don't want to only be able to access satellite television at my new home and there is a strong chance this will happen as the wind turbines will be right between the Bluff tower and my future home. Neoen have even put in their application that this is likely to happen. There is no local content and very limited programs on satellite TV and I don't understand why I need to suffer this impact.

I am a proud local CFS volunteer. I know how important air bombers are to fighting fires in our area. Whilst I was not involved directly in the Bangor fire in 2014 it was clearly proven at the time that aerial bombing was vital in backing up ground crews to try and manage this fire. With modern farming practices farmers are leaving higher stubble loads on their paddocks and the nature of fires have changed where by they quickly become wildfires due to this load. There was a fire in nearby Beetaloo last year just north of the proposed towers and 4 aerial bombers were called in to try and quickly take control of this fire as the nearby terrain is very difficult to access by ground crews. Neoen suggest that there wont be much affect to fire fighting capacity but they are clearly ill informed and ignoring the danger. We really do need aerial bombers in this region to manage fires and pilots visibility is severely limited by smoke meaning they will be reluctant to fly in this area due to the danger.

Any complaints to the company have been brushed aside and real concerns not acknowledged. At no time have they been able to tell us about the real precedent of turbines which are 240m high and the tallest in Australia. There are no other wind farms as close to a small town and no other turbines of this size which are so close together. This is really not right and I can't see how it can be approved by the planning commission. Please consider all the impacts that this is going to have on myself and all of my neighbours in John Street and Talbot Road. This project will have so many negative impacts on our lives it should not be approved by the Planning Commission.

Yours faithfully

Harrison Wells

DEVELOPMENT ACT, 1993, S49/S49A – CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

My name: ELLA HEAD
 My phone number: 0488 078 716
 PRIMARY METHOD(S) OF CONTACT: Email address: ella.head@gmail.com
 Postal address: 60 Mitchell St
Crystal Brook Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
☒ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☐ a private citizen

The address of the property affected is per above; 28 John St Crystal Brook Postcode 5523

The specific aspects of the application to which I make comment on are: Proximity to residence & Crystal Brook township, Impact on visual amenity of the Flinders Ranges, Impact on television reception, loss of property valuation AND decommissioning of wind turbines.

I ☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
 (Please tick one)

by ☐ appearing personally
☒ being represented by the following person : Genevieve Wells
 (Cross out whichever does not apply)

Date: 21/6/18 Signature: [Signature]

Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
 scapreps@sa.gov.au

**DEVELOPMENT ACT, 1993, S49/S49A - CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-Ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungamia transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 20 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 9, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

RECEIVED
29 JUN 2018
State Commission
Assessment Panel

My name: Jack Clements
 My phone number: 0457986116
 PRIMARY METHOD(S) OF CONTACT: Email address: _____
 Postal address: 344 Smart Road Verridy
 Postcode: 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☐ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is _____ Postcode: _____

The specific aspects of the application to which I make comment on are: _____

Fighting Fires, fire will become to close to township
before ground vehicles can fight - need air access.
Lambing production of stock is also effected.

Noise to township

Visual impact to the Flinders

I ☐ wish to be heard in support of my submission
☒ do not wish to be heard in support of my submission
 (Please tick one)

by ☐ appearing personally
☒ being represented by the following person: Gen Wells
 (Cross out whichever does not apply)

Date: 23/6/18
 Signature: Jm Clements
 Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
scaprep@sa.gov.au

50/

**DEVELOPMENT ACT, 1993, S49/S49A - CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
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Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	



My name: Roger Clements
 My phone number: 0419951538
 PRIMARY METHOD(S) OF CONTACT: Email address: jimblack2@activ8.net.au
 Postal address: 344 Smart Rd
 Postcode: 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☐ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is Postcode.....

The specific aspects of the application to which I make comment on are:

Fire control with no access from water bombers

Visual impact on the Flinders Ranges

Loss of sheep production due to noise and shadows created

I ☐ wish to be heard in support of my submission
☒ do not wish to be heard in support of my submission
 (Please tick one)

by ☐ appearing personally
☒ being represented by the following person : Gen Wells
 (Cross out whichever does not apply)

Date: 22/6/18

Signature: R.P. Clements

Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1015, Adelaide, SA 5001 or
 scapreps@sa.gov.au

**DEVELOPMENT ACT, 1993, S49/S49A - CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-Ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
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Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
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State Commission
Assessment Panel

My name: Jenni Cooke
 My phone number: 86362178
 PRIMARY METHOD(S) OF CONTACT: Email address: _____
 Postal address: #28 Darbon Tce
Crystal Brook Postcode: 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT. If you indicate below that you wish to be heard in support of your submission.

My interests are: ☐ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is Postcode:

The specific aspects of the application to which I make comment on are:
Proximity of residence to Crystal Brook Township
Visual impact to Barmans Park
Noise to township
Visual effect to Flinders Ranges

I ☐ wish to be heard in support of my submission
☒ do not wish to be heard in support of my submission
 (Please tick one)
 by ☐ appearing personally
☒ being represented by the following person :
 (Cross out whichever does not apply)

Date: 23-6-18 Signature: Jenni Cooke
 Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1015, Adelaide, SA 5001 or
scaprens@sa.gov.au

**DEVELOPMENT ACT, 1993, S49/S49A – CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

My name: Brenton Irrgang

My phone number: 0427362778

PRIMARY METHOD(S) OF CONTACT: Email address: irrgy1@bigpond.net.au

Postal address: 23 Brandis Street, Crystal Brook

Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(s) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☐ a private citizen

The address of the property affected is 23 Brandis St. Crystal Brook Postcode 5523

The specific aspects of the application to which I make comment on are:

I respectfully request that the wind tower application not be approved for the following reasons:

Too close to the town and outlying residents and would cause noise pollution, would restrict fire fighting

eg planes due to their height and possibly put people at risk, the Flinders Ranges are a local, national and

international tourist attraction - who would want to go there to see a whole pile of unsightly wind towers.

Property values would fall and peoples health - both mental and physical would be affected.

I ☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
(Please tick one)

by ☐ appearing personally
☐ being represented by the following person :
(Cross out whichever does not apply)

Date: 25/06/2018

Signature: B. Irrgang

Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
scapreps@sa.gov.au

37/

**DEVELOPMENT ACT, 1993, S49/S49A - CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
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My name: Jacqui Merkel
 My phone number: 0409 283892
 PRIMARY METHOD(S) OF CONTACT: Email address: stevenmerkel@bigpond.com
 Postal address: 40 Mungrace St
Crystal Brook Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☐ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is Postcode.....

The specific aspects of the application to which I make comment on are:

Location of the towers - too close to the township.

Noise to residents & township.

Visual impact to Flinders Ranges &

Bowmans park.

I ☐ wish to be heard in support of my submission
☒ do not wish to be heard in support of my submission
 (Please tick one)
 by ☐ appearing personally
☒ being represented by the following person : Gen wells.
 (Cross out whichever does not apply)

Date: 23/6/18 Signature: [Signature]
 Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
 scapreps@sa.gov.au

49

DEVELOPMENT ACT, 1993, S49/S49A - CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION

RECEIVED
29 JUN 2013
State Commission
Assessment Panel

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 250MW), an energy storage facility (Lithium-Ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungamia transmission line).
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Phone Number:	7109 7066
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My name: Steven Merkel
 My phone number: 0429 709 799
 PRIMARY METHOD(S) OF CONTACT: Email address: stevenmerkel@bigpond.com
 Postal address: 40 magillave st
Crystal Brook Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☐ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is Postcode

The specific aspects of the application to which I make comment on are:

Proximity to the township of Crystal Brook
Visual Impact to the Flinders Ranges
Noise Impact to the township

☐ wish to be heard in support of my submission
☒ do not wish to be heard in support of my submission
 (Please tick one)

by ☐ appearing personally Gen Wells
☒ being represented by the following person :
 (Cross out whichever does not apply)

Date: 23/6/18 Signature: [Signature]
 Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1015, Adelaide, SA 5001 or
scaprepns@sa.gov.au

53/

DEVELOPMENT ACT, 1993, 549/549A – CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

My name: NEIL LANCELOT CRISP
 My phone number: 0429727270
 PRIMARY METHOD(S) OF CONTACT: Email address: ndcrisp173@gmail.com
 Postal address: PO BOX 394
CRYSTAL BROOK S.A. Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☐ a private citizen

The address of the property affected is 36 BOWMAN STREET EXTENSION Postcode 5523
CRYSTAL BROOK

The specific aspects of the application to which I make comment on are: THE APPARENT LACK OF PLANNING
CANTBMA RE A RANGE OF TOPICS - HEIGHT - NOISE - VISUAL AESTHETICS MAKE ME ASK HOW EVEN
ONE OF THESE TOWERS WOULD BE APPROVED IN ADELAIDE OR THE ADELAIDE HILLS -
LIFE OFF TOWERS - WHAT HAPPENS AT END OF LIFE WHEN NEON WILL POSSIBLY NOT BE
RESPONSIBLE FOR THEIR UPKEEP OR REMOVAL -
DISTANCE FROM MY HOME IS APPROX 2.5 KM - WE RETURNED TO A VERY PLEASANT COUNTRY TOWN
TO BE INVOLVED WITH A GOOD COMMUNITY - QUIET COUNTRY SCENERY - CLOSE TO FLINDERS
RANGES - SNOWTOWN WOULD NOT BE THIS CLOSE TO THEIR TOWERS - WHY NOT PUT
THESE HUGE TOWERS NEAR AN EXISTING DEVELOPMENT - NOT IN A NEW PRISTINE AREA

I ☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
 (Please tick one)
 by ☐ appearing personally
☒ being represented by the following person NEIL LANCELOT CRISP
 (Cross out whichever does not apply)

Date: 26/6/2018 Signature: NEIL LANCELOT CRISP
 Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
 scapreps@sa.gov.au

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**DEVELOPMENT ACT, 1993, S49/S49A – CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

My name: DELIA RAE CRISP

My phone number: 0429727270

PRIMARY METHOD(S) OF CONTACT:

Email address: ndcrisp173@gmail

Postal address: P.O. BOX 394

CRYSTAL BROOK SOUTH AUST Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are:

- ☒ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☐ a private citizen

The address of the property affected is 36 BOWMAN STREET EXTENSION Postcode 5523
CRYSTAL BROOK

The specific aspects of the application to which I make comment on are: We retired in Crystal Brook,

SOUTH AUST. 36 BOWMAN STREET EXTENSION 5523 for all the relaxing reasons regional areas offer and am really enjoying it. But this Windfarm project will Kill Crystal Brook and surrounding areas. The owners and workers of the Windfarm should project have to live on Talbot Road Crystal Brook South Aust 5523 or in very very close vicinity 365 days of the year for the next 30 years as soon as it is built.

- I ☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
(Please tick one)

by ☐ appearing personally

☒ being represented by the following person:
(Cross out whichever does not apply)

Date: 26/6/2018

Signature: D. R. Crisp

Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
scapreps@sa.gov.au

41/

**DEVELOPMENT ACT, 1993, 549/549A – CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
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Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

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My name: Chris Arnold
 My phone number: 0413700785
 PRIMARY METHOD(S) OF CONTACT: Email address: niffe22@gmail.com
 Postal address: PO BOX 366
Crystal Brook Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
☒ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is Lot 19 John St Postcode 5523

The specific aspects of the application to which I make comment on are:

- Proximity to residences + Crystal Brook town
- Impact to visual amenity of Flinders Ranges
- Inadequacy of current EPA windfarm noise.
- Impact on television reception
- loss of property valuation.

☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
 (Please tick one)

by ☒ appearing personally
☐ being represented by the following person :
 (Cross out whichever does not apply)

Date: 22/6/18 Signature: [Signature]
 Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
scapreps@sa.gov.au

**DEVELOPMENT ACT, 1993, S49/S49A - CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION**

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-Ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungamia transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

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My name: Erin Arnold
 My phone number: 0417086678
 PRIMARY METHOD(S) OF CONTACT: Email address: niffezza@gmail.com
 Postal address: PO Box 366
Crystal Brook Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
☒ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is Lot 19 John St Postcode 5523

The specific aspects of the application to which I make comment on are:

- Proximity to residences to Crystal Brook town
- Impact on visual amenity of Flinders Ranges
- Inadequate windfarm noise guidelines
- Impact on television reception
- loss of property valuation

☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
 (Please tick one)
 by ☒ appearing personally
☐ being represented by the following person :
 (Cross out whichever does not apply)

Date: 22/6/18 Signature: [Signature]
 Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
scapreprs@sa.gov.au

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DEVELOPMENT ACT, 1993, S49/S49A – CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
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State Commission
Assessment Panel

My name: Rebecca Nicholson
My phone number: 0439 180417
PRIMARY METHOD(S) OF CONTACT: Email address: beck.nicholson04@gmail.com
Postal address: PO Box 354
Crystal Brook SA Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
☒ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☐ a private citizen

The address of the property affected is 98 Talbot Rd. Crystal Brook Postcode 5523

The specific aspects of the application to which I make comment on are: • Loss of property valuation.
• The close proximity to houses. • The effect on sleep and general health. • The noise. • The turbines are too close together.
• Visual impact of the turbines. • Interruption to wireless broadband.
• Fire bombers unable to assist in case of wildfire break out.
• Interruption to television reception. • Protection of the Flinders Ranges.

☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
(Please tick one)

by ☒ appearing personally
☐ being represented by the following person: _____
(Cross out whichever does not apply)

Date: 23.06.18 Signature: [Signature]
Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
scapreps@sa.gov.au

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DEVELOPMENT ACT, 1993, S49/S49A – CROWN DEVELOPMENT
REPRESENTATION ON APPLICATION

Applicant:	Neoen Australia Pty Ltd
Development Number:	354/V003/18
Nature of Development:	Crystal Brook Energy Park - Hybrid renewable energy project comprising a wind farm (26 turbines with a capacity up to 125MW), a solar farm (400,000-500,000 solar panels with a capacity up to 150MW), an energy storage facility (Lithium-ion battery with a capacity up to 130MW / 400MWh) and associated infrastructure for connection to the electricity grid (including a 33kV/275kV substation and a 300m long 275kV transmission line between the substation and the 275kV Para-Bungama transmission line).
Zone / Policy Area:	Primary Industry Zone - Port Pirie Regional Council
Subject Land:	32 allotments, approximately 3.5km north of Crystal Brook and 23km south-east of Port Pirie.
Contact Officer:	Lee Webb
Phone Number:	7109 7066
Close Date:	Friday 29 June 2018
During the notification period, hard copies of the application documentation can be viewed at the Department of Planning, Transport and Infrastructure, Level 5, 50 Flinders Street, Adelaide during normal business hours. Application documentation may also be viewed during normal business hours at the local Council office (if identified on the public notice).	

My name: GERRY NICHOLSON
 My phone number: (0400 103 343) (8636 2043)
 PRIMARY METHOD(S) OF CONTACT: Email address: g.nich@westnet.com.au
 Postal address: P.O. Box 201
CRYSTAL BROOK Postcode 5523

You may be contacted via your nominated PRIMARY METHOD(S) OF CONTACT if you indicate below that you wish to be heard in support of your submission.

My interests are: ☒ owner of local property
☐ occupier of local property
☐ a representative of a company/other organisation affected by the proposal
☒ a private citizen

The address of the property affected is 30 DEAD HORSE GULLY RD. CRYSTAL BROOK Postcode 5523

The specific aspects of the application to which I make comment on are:

- (1) SIZE & PROXIMITY TO CRYSTAL BROOK TOWNSHIP AND THE FLINDERS RANGES. (2) NOISE AND POSSIBLE HEALTH IMPLICATIONS
 (3) PROPERTY DEVALUATION (4) VISUAL IMPACT ON THIS RURAL AREA.
 (5) PRECEDENCE FOR MORE TURBINES ON FLINDERS RANGES.

I ☒ wish to be heard in support of my submission
☐ do not wish to be heard in support of my submission
 (Please tick one)

by ☒ appearing personally
☒ being represented by the following person :
 (Cross out whichever does not apply)

Date: 25.6.18

Signature: G. Nicholson

Return Address: The Secretary, State Commission Assessment Panel, GPO Box 1815, Adelaide, SA 5001 or
 scapreps@sa.gov.au