

## **C.2 NON-AGENCY CONSULTATION**

### ***C.2.1 Email to Boral Resources regarding the Proposal***

**From:** [Antoine Lajouanie](#)  
**To:** [culcairn.quarry@boral.com.au](mailto:culcairn.quarry@boral.com.au)  
**Subject:** Neoen Culcairn Solar Farm - April 2019 Update  
**Date:** Monday, 1 April 2019 5:14:00 PM  
**Attachments:** [image001.png](#)

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To whom it may concern at Boral,

Neoen, an Independent Power Producer, is currently working on the development of a Solar Farm in Culcairn. We are at the initial development phase of the project.

We wanted to let you know that we will be lodging a Scoping Report to the Department of Planning and Environment of NSW in the upcoming days.

The Scoping Report is the initial stage of Environmental Impact Assessment and planning process. It identifies the main issues and information requirements for the assessment. This allows the assessment to efficiently focus on the most important issues.

The Scoping Report:

- Describes the proposal and the site.
- Identifies statutory approval requirements.
- Identifies key potential environmental issues associated with the proposal.

At this stage, no arrangement or design lay-out for the solar farm has been made. The design would consider the results of the Scoping Report, as well as consultation with relevant stakeholders and the Environmental Impact Statement (EIS). The design will be developed to avoid impacts where feasible and to minimise and mitigate environmental impacts if avoidance is not possible.

In order to provide an update on the project we will be holding a Community Drop-in session in early May. We will send out details about this shortly.

In the meantime, we are available to meet to present the project and answer any questions your company may have on the project. Particularly one point we would like to discuss with you is our access route to our site.

We are available to meet when it suits.

I look forward to your reply,

Kind regards,

**Antoine Lajouanie**

Project Manager

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**NEOEN**

[contact@culcairnsolarfarm.com.au](mailto:contact@culcairnsolarfarm.com.au)

[www.culcairnsolarfarm.com.au](http://www.culcairnsolarfarm.com.au)

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**From:** [Antoine Lajouanie](#)  
**To:** [culcairn.quarry@boral.com.au](mailto:culcairn.quarry@boral.com.au)  
**Subject:** Culcairn solar farm drop-in session  
**Date:** Wednesday, 8 May 2019 2:22:00 PM  
**Attachments:** [image001.png](#)  
[Culcairn Solar Farm Drop-in session.pdf](#)

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To whom it may concern at Boral,

Please find attached an invitation to a community drop-in session on our solar project in Culcairn.

Everyone is welcome to drop in anytime at the Culcairn Bowling Club on Thursday 16 May between 2 to 8 pm to meet the team, learn about the project and share its feedback.

We are available to answer any questions you have and we will continue meeting individually with neighbours following this event.

Kind regards,

**Antoine Lajouanie**

Project Manager

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The logo for NEOEN, with 'NEO' in blue and 'EN' in orange.

Level 10 / 227 Elizabeth Street, Sydney NSW 2000  
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### **C.2.2    *Email to Boral regarding approval in principle of water use***

**From:** [Forrest, Ian](#)  
**To:** [Damien Hegarty](#)  
**Subject:** Re: Water Supply Enquiry  
**Date:** Wednesday, 20 November 2019 2:43:25 PM  
**Attachments:** [image001.png](#)

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Good afternoon Damien.

We could possibly assist in some capacity.

Our ability to store water is dependent on rainfall.

Happy to discuss further if you have a representative in the area.

Regards

**IAN FORREST**

Quarry Manager - Quarries (Culcairn)

Telephone: (02) 6029 8600

Mobile: 0408609206

Fax: (02) 6029 7501

Email: [ian.Forrest@boral.com.au](mailto:ian.Forrest@boral.com.au)

[Build something great](#)



Boral Quarries

P.O. Box 93, Culcairn NSW 2660

[www.boral.com.au](http://www.boral.com.au)

On Wed, 20 Nov 2019 at 14:30, Damien Hegarty <[damien.hegarty@neoen.com](mailto:damien.hegarty@neoen.com)> wrote:

Ian,

I was passed on your details by Andrea at Boral.

I am exploring options for sourcing water supply in future for the construction of a solar farm that we are proposing near to the Culcairn quarry?

The anticipated amount of non-potable water required during construction (i.e. expected to commence in mid to late 2020 with a 16-18 months duration) is around 62 ML. This water is predominantly used for dust control.

Could that be of interest to Boral if there's enough supply?

Happy to discuss if preferred.

Cheers,

**Damien Hegarty**

Project Development - Victoria



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### ***C.2.3 Email from APA regarding gas pipeline***



16 May 2019

APA Ref: 442773  
SSD Ref: SSD-10288

Antoine Lajouanie  
Project Manager  
Neoen Pty Ltd  
227 Elizabeth Street  
Sydney NSW 2000

**EMAIL OUT:** Antoine.Lajouanie@neoen.com

Dear Antoine,

**RE: Weeamera Road, Culcairn – Proposed Solar Farm**

Thank you for your enquiry received 10 April 2019 in relation to a proposed Solar Farm near Weeamera Road, Culcairn. This APA response updates previous advice provided via email correspondence dated 26 July 2018.

APA Group (APA) is Australia's largest natural gas infrastructure business and has direct management and operational control over its assets and investments. APA's gas transmission pipelines span across Australia, delivering approximately half of the nation's gas usage. APA owns and operates over 15,000 km's of high pressure gas transmission pipelines across Australia.

APA's Culcairn to Barnawatha pipeline is located on a south-west alignment through subject lots 54 on DP753735 and Lot 1 on DP575478. APA is the owner and operator of the Culcairn to Barnawatha pipeline (see Table 1 for details):

**Table 1: Transmission gas pipelines in the area of consideration**

Pipeline	Pipeline Licence	Easement Width (m)	Diameter (mm)	Measurement Length (m)
Culcairn to Barnawatha pipeline	PL24	24	450	463
<b>Note:</b> measurement length is applied to either side of the pipeline.				

**APA's Role**

As a Licensee under the *Pipelines Act 1967*, APA is required to operate pipelines in a manner that minimises adverse environmental impacts and protects the public from health and safety risks resulting from operation of our high pressure gas transmission pipelines (**HPGTP**). Once a HPGTP is in place, APA is required to constantly monitor both the pipeline corridor and also a broader area within which we are required to consider land use changes and development and to assess what such changes means to the risk profile of the HPGTP.

APA has a number of responsibilities and duties to perform under a complex framework of legislation, standards and controls across Federal, State and Local Government landscapes. In particular, the *Pipelines Act 1967*, cites Australian Standard 2885 (**AS2885**) as a mandatory safety standard for the design, construction, operation and maintenance of transmission pipelines. In discharging our regulative responsibilities, APA needs to continuously review what is happening around its assets, what land use changes are occurring and what development is taking place to ensure it remains in a position to comply with applicable operational and safety standards and legislation whilst meeting its commercial obligations and imperatives.



### **Pipeline Risk Profile and the Measurement Length**

In managing HPGTP's and considering land use changes, APA must focus on that area geographically defined by AS2885 as the Measurement Length (**ML**). The ML area is the heat radiation zone associated with a full-bore pipeline rupture. APA is mandated to consider community safety in the ML due to the high consequences of pipeline rupture to life, property and the economy.

The ML is determined by the design criteria of the pipe (driven by the surrounding environment at the time of construction) and the Maximum Allowable Operating Pressure (**MAOP**) of the pipe. APA must consider any changes of land use within the ML area to determine the effect of a new use on the risk profile of the pipeline.

For reference, the ML of the Culcairn to Barnawatha pipeline is 463m. Note that the ML is a radial dimension, and therefore applies to both sides of the pipe.

### **Safety Management Study**

AS2885 requires a Safety Management Study (**SMS**) to be undertaken whenever the land use classification of land within the ML. The purpose of an SMS is to assess the risk associated with a change in land use, including both construction risks and ongoing land use risks. The SMS will also develop appropriate controls to reduce risks to 'as low as reasonably practicable' (**ALARP**). Proposed development of a large scale solar farm would result in a change in the location class in this instance and require an SMS to be undertaken.

The cost of undertaking any SMS is to be borne by the proponent as the 'agent of change'. APA has developed a list of preferred SMS facilitators.

### **Easement Management**

APA is the beneficiary of a pipeline easement in which the Culcairn to Barnawatha pipeline is located. To ensure compliance with the safety requirements of AS2885, APA needs to ensure our easement is managed to an appropriate standard. This includes:

- Ensuring the easement is maintained free of inappropriate vegetation and structures.
- Place warning signs at various mandated points along the pipeline route, including any change in property description/boundaries.
- Maintain a constant line of sight between warning signs.
- Undertake physical patrols and inspections of the easement.

APA will not accept outcomes that do not enable us to achieve our safety responsibilities to the surrounding community.

Any works within the easement must be approved by APA through our Third Party Works Authorisation process. This process will ensure all works are undertaken in a safe manner that does not physically impact on the pipeline. If you are seeking to undertake works on property containing a pipeline, or are seeking details on the physical location of the pipeline, please contact Dial Before You Dig on 1100 or APA directly at [APAProtection@apa.com.au](mailto:APAProtection@apa.com.au).

### **Proposed development**

APA's updated response has been provided following review of the Preliminary Layout Plan prepared by Iberica Engineering, dated April 2019. Specifically pages 1 and 4 of the preliminary layout plan where APA's easement is outlined on Lots 54 on DP753735 and Lot 1 on DP575478 near PVs 37, 49, 54, 55, 56, and 57. APA notes the provision that all buildings including panels are located off APA's easement and inclusion of a 10-metre setback from APA's easement, which generally aligns with the proposed fencing. APA is supportive of the proposed layout subject to further review of the proposal

during the detailed design phase. The information provided below and conditions of approval, have been provided to assist in this regard.

While the plans reference APA's pipeline easement, it is not clearly marked as being for a high pressure gas transmission pipeline. The level of risk associated with any intrusion into the easement is not adequately communicated to those undertaking site works. The easement should be clearly identified as an easement for a high pressure gas transmission pipeline on all relevant plans. In addition the easement should be hatched and notated as '*no works to occur without the prior authorisation of the pipeline operator*'.

Our preference is to avoid any works in the pipeline easement, including any improvements or installations. However, we are willing to accept such works necessary for the development provided they will not impact on the pipeline. Details of all proposed crossings (including roads or services) and works within the easement, must be submitted to APA for consideration. No crossings may occur without the prior authorisation of APA, and must be completed in accordance with any conditions imposed by APA. This includes changes in ground level on the easement, change in stormwater flows over the easement, and storage of equipment.

Crossings of underground services must accord with APA requirements, particularly minimum separation distances. Road crossings for heavy vehicles (as expected to be required in this case) will require a concrete slab crossing to disperse loads on the pipeline to an acceptable level. This will need to be designed to APA requirements. Vehicular crossings during construction and operation will need be at the agreed crossing points.

The proposed land use changes the current location class around the pipeline and therefore a SMS is required to ensure the ongoing integrity and safety of areas surrounding the pipeline. The SMS must be completed prior to detailed design, so that the outcomes of the SMS can inform this process. The cost of the SMS and any resulting recommendations must be borne by the development proponent. APA is happy to provide a list of recommended SMS facilitators upon request.

Electrical works in the vicinity of the pipeline (including crossings) have the potential to impact on the pipelines safe operation and studies in accordance with AS4853 are necessary. The cost of these studies and any necessary mitigations must be borne by the development proponent. Obviously the further that electrical works can be kept from the pipeline the better, but if this can't be avoided mitigation works will be required. There are specialist consultants who can complete the necessary studies/modelling. The safe separation distance depends on how far the electrical powerlines follow the route of the pipeline, and the voltage of the powerlines, so it is impossible to say what a safe separation distance would be. We are happy to discuss this further and provided feedback on proposed design, however, the technical studies are the only way to know for sure if there will be an issue, and what (if any) mitigation measures will be required.

All proposal plans must clearly show APA's pipelines and easement, labelled as 'high pressure gas transmission pipelines – no works without prior approval of APA'.

The proposed development is expected to have significant areas of panels to both the north and south of the pipeline easement, and there is anticipated to be the need for crossings of the pipeline. These include:

- Electrical feeder lines (either above or underground) to transformers and any on-site substation;
- Electrical transmission lines from the substation to transmission grid connection point; and

- Access tracks (for construction and operation).

APA seeks to minimise the number of crossings and have these perpendicular to the pipeline if possible. This should include the co-location of road and services crossings. No work on the easements, including crossings, changes in ground level or other works, may occur without the prior authorisation of APA. Detailed design for crossings will need to be informed by field works to positively locate the pipeline (alignment and depth). Such field works must only be performed under APA permit.

### **Comments**

On the basis of the information provided, APA does not object to the proposed development subject to the following conditions being included with any approval issued for the proposal:

### **Conditions of Approval**

#### **1. No Improvements within Easement**

Buildings, structures, roadway, pavement, pipeline, cable, fence, on-site waste water treatment (or irrigation area), or any other improvement on or under the land within the gas transmission pipeline easement must not be constructed without prior consent in writing from APA. No structure or vegetation will be permitted on the easement that prohibits maintenance of line of sight along the pipeline easement.

#### **2. Safety Management Study Required**

Prior to the development commencing, a Safety Management Study (SMS), in accordance with Australian Standards 2885 for Pipelines – Gas and Liquid Petroleum, must be conducted by the applicant and its recommendations/actions must be implemented to the satisfaction of APA. All costs associated with the SMS, and implementing its recommendations/actions are to be borne by the applicant.

#### **3. Risk Assessment Required**

Prior to the development commencing, and to inform detailed design, the applicant must conduct electrical hazard studies in accordance with (the requirements of) Australian Standard 4853-2012 (for Low Frequency Induction and Earth Potential Rise). The applicant must address any relevant requirements and any recommendations and/or actions must be implemented to the satisfaction of APA. All costs associated with the study, and implementing its recommendations and/or actions are to be borne by the applicant. The applicant must complete validation testing upon completion of construction.

#### **4. Electrical Interference Studies**

The applicant must conduct electrical interference studies in accordance with the requirements of AS2832 once detailed design is complete.

#### **5. Amend Design to Comply with Australian Standards**

The applicant must amend its design as required in order to obtain results for the electrical interference studies and electrical hazard studies which comply with the applicable Australian Standard and promptly provide a copy of the studies and reports to APA.

#### **6. High Voltage Powerlines**

The applicant must make good (at the applicant's cost) any hazards or risks to the Culcairn to Barnawatha pipeline (including cathodic protection systems), caused by any powerlines.

## 7. Construction Management Plan

Prior to the commencement of any works, including demolition, on land within 50 metres of the pipeline easement, a construction management plan must be submitted to and approved by APA. The plan must:

- Prohibit the use of rippers or horizontal directional drills unless otherwise agreed by the operator of the gas transmission pipeline.
- Avoid significant vibration, heavy loadings stored over the pipeline and heavy vehicle / plant crossings of the pipeline within the easement.
- Be endorsed by the operator of the gas transmission pipeline where the works are within or crossing the relevant gas transmission easement.

## 8. Services

The design of any infrastructure services shall minimise encroachment on the gas pipeline easement. Any application for an APA permit for an easement crossing will be required to demonstrate that an alternative route, avoiding the easement, is not feasible.

## 9. Easement Delineation On Site

During construction, the boundary of the easement must be clearly delineated on site by temporary fencing (or other means as agreed by APA), and clearly marked as a hazardous work zone/ restricted area.

## 10. Easement Delineation On Plans

All plans which include the area of the gas pipeline easement must have the easement clearly identified with hatching on the full width of the easement. The easement must also be clearly labelled as *'high pressure gas pipeline easement – no works to occur without the prior authorisation of the pipeline operator'*.

## 11. Pipeline Operator Access

The ability of the pipeline operator to access the easement must be maintained at all times to facilitate prompt maintenance and repairs. This may be through interlocking padlocks so APA has keyed access at any time. APA field officers will undertake any necessary site induction to facilitate unaccompanied access.

### Note

If you are planning on undertaking any physical works on property containing or proximate to a pipeline, or are seeking details on the physical location of a pipeline, please contact Dial Before you Dig on 1100 or <https://www.1100.com.au/>, or APA directly on [APAprtection@apa.com.au](mailto:APAprtection@apa.com.au).

### Note

An early works agreement from APA is required for any assessments/approvals that require greater than 3 days assessment or supervision. Lead in times for agreements can be up to 12 weeks. Please contact APA at [APAprtection@apa.com.au](mailto:APAprtection@apa.com.au) or 1800 103 452.

### Note

Any improvements within the transmission gas pipeline easement undertaken by third parties is at the risk of the proponent who will remain liable. APA will not be liable for any costs associated with the reinstatement of any vegetation and/or infrastructure constructed on the easement.

APA does not seek to unnecessarily inhibit future development proximate to our assets and is happy to work development proponents to achieve mutually acceptable and compliant outcomes. Any interested parties are strongly encouraged to contact APA early to discuss the process of integrating APA assets into future developments.

Should you wish to discuss the contents of this correspondence, or have any further queries, please contact me on 07 3223 3385 or the Infrastructure Planning & Protection team at [planningnsw@apa.com.au](mailto:planningnsw@apa.com.au).

Yours faithfully,

A handwritten signature in black ink, appearing to be 'BA' followed by a long horizontal stroke.

**Ben Setchfield**  
**Senior Urban Planner**  
**Infrastructure Planning and Protection**

### ***C.2.3    Emails to Essential Energy regarding 11kv Transmission Lines***

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**From:** Damian Munday <damian.munday@essentialenergy.com.au>

**Sent:** Wednesday, 8 January 2020 8:46 AM

**To:** Patrick Dale <patrick.dale@neoen.com>

**Subject:** RE: Essential Energy Easements

Hi Patrick,

Can I confirm that the 10.0 metre buffer indicated on the plans is 10.0 metres either side of the centreline of the 11kV powerlines. If not, you will need to allow a 20.0 metre buffer zone.

As stated previously, where roads are crossing or running parallel to EE's infrastructure and are within that 20.0 metre buffer zone then EE will require information stating that the ground clearance for the powerline isn't being affected. The ground clearances will need to meet EE's design requirements, you may need to use the services of an Accredited Service Provider (Level 3) to provide this information.

My suggestion would be to get this sorted earlier but that is your decision, if EE received the

above information as a DA, EE would ask for further information potentially slowing down the process.

Thanks

Damian Munday

Land & Route Team Leader  
02 6214 9664 (Ext 39664) | [damian.munday@essentialenergy.com.au](mailto:damian.munday@essentialenergy.com.au)  
PO Box 5730 Port Macquarie NSW 2444 | [essentialenergy.com.au](http://essentialenergy.com.au)  
General enquiries: 13 23 91 | Supply interruptions (24hr): 13 20 80

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**From:** Patrick Dale <[patrick.dale@neoen.com](mailto:patrick.dale@neoen.com)>  
**Sent:** Tuesday, 7 January 2020 3:20 PM  
**To:** Damian Munday <[damian.munday@essentialenergy.com.au](mailto:damian.munday@essentialenergy.com.au)>  
**Cc:** LandR Encroachments <[LandR.encroachments@essentialenergy.com.au](mailto:LandR.encroachments@essentialenergy.com.au)>  
**Subject:** RE: Essential Energy Easements

Hi Damian,

Thanks for your feedback. If lodging an encroachment request may streamline / reduce EE's eventual review timeframe of the DA through the NSW Portal, then I'd be happy to kick this off with you!

Before we commence the encroachment request, can you quickly review the GA Drawing (**Attachment 1**) and advise if this and the diagram extracted from the Development Application would provide EE sufficient information to assess a future request? You will see the GA indicates appropriate 10m buffer for the 11 kV lines.

As for access gates, perhaps it is worthwhile I explicitly add this to the DA section relating to Access Roads and Internal Tracks – which currently does not stipulate the use of gates with locks. I'd be happy to include this.

*The internal access roads would involve upgrading existing access points, constructing three new entrances and connecting these with a network of tracks accessing the solar farm infrastructure for maintenance. Approximately 44 km of new track would be constructed at the site. The main access and internal tracks would be constructed of engineered fill topped with crushed stone pavement. The driving surface would be nominally 5 – 8 m wide (including shoulders and any required drainage), whilst general internal roads would be approximately 4 – 5 m width. The main track to the substation would be around 8 m wide. The locations of proposed internal tracks are shown on Figure 3-8 (**Attachment 2**).*

*The site access road and all internal tracks would be maintained throughout the construction and operation of the solar farm <PD: with site access gates secured via padlock, allowing 24 hour access for relevant transmission and distribution network service providers and other necessary agencies. > If required, water trucks would be used to suppress dust on unsealed access roads and tracks during construction. Additional stabilising techniques and/or environmentally acceptable dust control would also be applied if required to suppress dust.*



With thanks,

**Patrick Dale**

Project Manager



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[patrick.dale@neoen.com](mailto:patrick.dale@neoen.com)

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**From:** LandR Encroachments <[LandR.encroachments@essentialenergy.com.au](mailto:LandR.encroachments@essentialenergy.com.au)>

**Sent:** Tuesday, 7 January 2020 1:01 PM

**To:** Patrick Dale <[patrick.dale@neoen.com](mailto:patrick.dale@neoen.com)>

**Subject:** RE: Essential Energy Easements

Hi Patrick,

There's a couple of ways you can run with this,

Council will be required to have the DA go through the NSW Portal, this will then be sent to all the necessary agencies including Essential Energy, at this point we would review and send back any comments or requirements.

The other way would be submit a request to encroach to [encroachments@essentialenergy.com.au](mailto:encroachments@essentialenergy.com.au) as soon as possible, due to the current workloads of our team, it may take 6 to 8 weeks to look at.

Additional time may be added onto this if the information provided isn't satisfactory.

I'd suggest to you before submitting a request that you are at least clear of the powerline (20.0m for 11kV and 22kV e.g. 10m either side of the centreline), if there is an easement then you should be outside the easement area. This should include any buildings, panels or other infrastructure.

If you are proposing to have roads etc traverse under the powerline then you need to provide sufficient information that shows the ground clearance isn't affected e.g. if the ground levels are changing within the easement or within that 20m area then you will need to provide evidence that sufficient ground clearance is available as per Essential Energy's design standards.

Essential Energy will also require 24 hour access in the form of gates with padlocks, Essential Energy won't accept access through the use of an electronic gate which utilises a remote control or similar. These types of access arrangements don't work as the controller isn't necessarily available to the people having to enter the property.

All plans should show accurate dimensions of any infrastructure to the centreline of the powerline, plans should show any easements or the 20.0m buffer zone around the powerline as well.

The above is a good starting point for you to move forward, should you wish to discuss then my details are below.

Thank you

**Damian Munday**

Land & Route Team Leader  
02 6214 9664 (Ext 39664) | [damian.munday@essentialenergy.com.au](mailto:damian.munday@essentialenergy.com.au)  
PO Box 5730 Port Macquarie NSW 2444 | [essentialenergy.com.au](http://essentialenergy.com.au)  
General enquiries: 13 23 91 | Supply interruptions (24hr): 13 20 80

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**From:** Patrick Dale <[patrick.dale@neoen.com](mailto:patrick.dale@neoen.com)>  
**Sent:** Tuesday, 7 January 2020 12:11 PM  
**To:** Damian Munday <[damian.munday@essentialenergy.com.au](mailto:damian.munday@essentialenergy.com.au)>  
**Cc:** LandR Encroachments <[LandR.encroachments@essentialenergy.com.au](mailto:LandR.encroachments@essentialenergy.com.au)>  
**Subject:** FW: Essential Energy Easements

Good morning Damian,

Pleased to meet you and Happy new year.

I've taken over from Antoine as the PM for Culcairn solar farm. You were previously in contact with Antoine in 2019 regarding the project and easements etc. It is my understanding that Essential Energy operate a nearby 11kV distribution line and that a request to encroach needs to be submitted to EE this year. The attached diagram provides you a high level understanding of the project site.

Regarding the project timeline:

- we have submitted the Development Application and await public exhibition in February. DA approval should be around mid-year.
- as the project cuts in to Transgrid's 330kV Line (#62 Wagga to Jindera), we have also submitted our full Connection Application and GPS report to TG in November and await their initial feedback, due by 31<sup>st</sup> January. We anticipate an Offer to Connect is possible Q3 2020.
- Construction will not commence until an Offer to Connect is received (i.e. approximately Q4 2020)

Can you advise an appropriate time to make this request for encroachment to EE. How long prior to construction commencing would you advise is appropriate? Any fees associated with this request and process would be appreciated also.

With thanks,

**Patrick Dale**

Project Manager



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**From:** LandR Encroachments <[LandR.encroachments@essentialenergy.com.au](mailto:LandR.encroachments@essentialenergy.com.au)>

**Sent:** Friday, 18 October 2019 10:33 AM

**To:** Antoine Lajouanie <[antoine.lajouanie@neoen.com](mailto:antoine.lajouanie@neoen.com)>

**Subject:** RE: Essential Energy Easements

Good morning Antoine,

You will need to submit a request to encroach, this should include your proposal including where you are crossing EE's network. The title search will also be required.

Please note, that these powerlines will be protected by s53 of the Electricity Supply Act, if they don't have an easement and are 11 or 22kV then the standard easement width is 20.0 metres, you will need to remain clear of this area.

There will also need to be consideration around access, you may need to install gates that allow EE access to the lines as well as having access to each pole or stay on the property. EE's preference is to have locks placed on gates so access can be obtained when necessary especially under emergency situations. Padlocks would need to be purchased when necessary.

To get this moving forward, you will need to submit your request to encroach to [landr.encroachments@essentialenergy.com.au](mailto:landr.encroachments@essentialenergy.com.au) somebody will get back to you with a response in approximately 2 to 4 weeks.

Thank you

**Damian Munday**

Land & Route Team Leader  
02 6214 9664 (Ext 39664) | [damian.munday@essentialenergy.com.au](mailto:damian.munday@essentialenergy.com.au)  
PO Box 5730 Port Macquarie NSW 2444 | [essentialenergy.com.au](http://essentialenergy.com.au)  
General enquiries: 13 23 91 | Supply interruptions (24hr): 13 20 80

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**From:** Antoine Lajouanie <[antoine.lajouanie@neoen.com](mailto:antoine.lajouanie@neoen.com)>

**Sent:** Thursday, 17 October 2019 2:39 PM

**To:** LandR Encroachments <[LandR.encroachments@essentialenergy.com.au](mailto:LandR.encroachments@essentialenergy.com.au)>

**Subject:** Essential Energy Easements

Hello Essential Energy team,

I work at Neoen as a development Project Manager.

Neoen is currently working on the development of a solar farm on a land on which there are some Essential Energy 11kV distribution lines crossing the site. No easements linked to those

distribution lines are registered on the Land titles.

I am contacting you to consult regarding what needs to be taken into account in the development and construction of a solar farm along 11 kV Essential Energy distribution lines with potential internal tracks and underground cabling crossing the easements?

I look forward to your feedback,

Many thanks in advance for your help,

Kind regards,

**Antoine Lajouanie**

Project Manager



Level 10 / 227 Elizabeth Street, Sydney NSW 2000

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