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The Secretary NSW Department of Planning and Environment

29 September 2022

# **ATTENTION:** Susanna Cheng

Dear Sir or Madam

I refer to the Department's email of 27 September 2022 regarding the Environmental Impact Statement (EIS) for State Significant Development SSD-19425495 Smithfield Recycling Centre for use of an existing warehouse (operating 24 hours 7 days a week) to receive up to 150,000 tonnes per annum of domestic and commercial recyclable materials and sort these materials into categories for transportation to dedicated reprocessing facilities at 132-144 Warren Road, Smithfield (Lot 2 DP 1230452) in the Cumberland City Council Local Government Area (LGA). Submissions need to be made to the Department by no later than 26 October 2022.

Please find attached a copy of Endeavour Energy's advice of 27 July 2021 to MRA Consulting Group intending to submit a State Significant Development Application for 132-144 Warren Road, Smithfield (Lot 2 DP 1230452) to change the use of the site to a Materials Recovery Facility (MRF). The recommendations and comments provided therein essentially remain valid.

The EIS includes the following addressing the advice provided by Endeavour Energy.

# 7.2.6 Endeavour Energy

Endeavour Energy is the electricity supplier for the region of Sydney that includes Smithfield. Email correspondence with Endeavour Energy was initiated on 27 July 2021 to seek comment or particular requirements regarding the proposal.

The table below outlines the assessment requirements from Endeavour Energy.

It should be noted that the owner of the site has obtained approval to move the padmount station from the present location to the vegetated area to the north. The Endeavour Energy reference number is UIL6091 for the substation works.

As shown in the below Site Plan from Endeavour Energy's G/Net Master Facility Model, padmount substation no. 4513 and some of the associated underground cables are 'Proposed Removed' (indicated by the colouring).

For further advice the applicant can call Endeavour Energy via Head Office enquiries on business days from 9am - 4:30pm on telephone: 133 718 or (02) 9853 6666 and the following contacts:

• Customer Network Solutions Branch for matters related to the electricity supply or asset relocation who are responsible for managing the conditions of supply with the proponent and their Accredited Service Provider (ASP). Alternatively contact can be made by email <u>cicadmin@endeavourenergy.com.au</u>.

51 Huntingwood Drive, Huntingwood, NSW 2148 PO Box 811, Seven Hills, NSW 1730

endeavourenergy.com.au

ABN 11 247 365 823

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The applicant will need to make contact if this Development Application:

- o Includes any contestable works projects that are outside of any existing approved / certified works.
- Results in an electricity load that is outside of any existing Supply / Connection Offer requiring the incorporation of the additional load for consideration.
- Easements Officers for matters related to easement management or protected works / assets. Alternatively contact can be made by email <u>Easements@endeavourenergy.com.au</u>.

If any proposed works or activities (other than those approved / certified by Endeavour Energy's Network Connections Branch as part of an enquiry / application for load or asset relocation project) will encroach / affect Endeavour Energy's easement, contact must first be made with the Endeavour Energy's Easements Officer.

- Property Branch for matters related to property tenure. Alternatively contact can be made by email <u>network property@endeavourenergy.com.au</u> (underscore between 'network' and 'property').
- Field Operations Branch for safety advice for building or working near electrical assets in public areas. The site is in the area covered by Hoxton Park Field Service Centre. Alternatively contact can be made by email Construction.Works@endeavourenergy.com.au .

Subject to the foregoing Endeavour Energy has no objection to the Development Application.

Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me or the contacts identified above or in Endeavour Energy's previous submissions in relation to the various matters. Due to the high number of development application / planning proposal notifications submitted to Endeavour Energy, to ensure a response contact by email to property.development@endeavourenergy.com.au is preferred.

Yours faithfully Cornelis Duba Development Application Specialist Sustainability & Environment M: 0455 250 981 E: <u>cornelis.duba@endeavourenergy.com.au</u> 51 Huntingwood Drive, Huntingwood NSW 2148 <u>www.endeavourenergy.com.au</u>



#### Site Plan from Endeavour Energy's G/Net Master Facility Model



Please note the location, extent and type of any electricity infrastructure, boundaries etc. shown on the plan is indicative only. In addition it must be recognised that the electricity network is constantly extended, augmented and modified and there is a delay from the completion and commissioning of these works until their capture in the model. Easements benefitting Endeavour Energy are indicated by red hatching. Generally (depending on the scale and/or features selected), low voltage (normally not exceeding 1,000 volts) is indicated by blue lines and high voltage (normally exceeding 1,000 volts but for Endeavour Energy's network not exceeding 132,000 volts / 132 kV) by red lines (these lines can appear as solid or dashed and where there are multiple lines / cables only the higher voltage may be shown). This plan only shows the Endeavour Energy network and does not show electricity infrastructure belonging to other authorities or customers owned electrical equipment beyond the customer connection point / point of supply to the property. This plan is not a 'Dial Before You Dig' plan under the of Part 5E 'Protection of underground electricity power lines' of the *Electricity Supply Act 1995* (NSW).



LEGEND	
PS	Padmount substation
	Indoor substation
G	Ground substation
<u> </u>	Kiosk substation
(01)	Cottage substation
$\bigcirc$	Pole mounted substation
HC	High voltage customer substation
MU	Metering unit
SS	Switch station
ISS	Indoor switch station
$\Box$	Customer connection point
	Low voltage pillar
	Streetlight column
	Life support customer
X	Tower
0	Pole
0	Pole with streetlight
Ô	Customer owned / private pole
	Cable pit
	Proposed removed
	Subject site

# Google Maps Street View.





From: Cornelis Duba
Sent: Tuesday, 27 July 2021 8:26 PM
To: esther@mraconsulting.com.au
Cc: Philip Wilson <Philip.Wilson@endeavourenergy.com.au>
Subject: Proposed State Significant Development 132-144 Warren Road, Smithfield.

# Hello Esther

I refer to your below email of 8 July 2021 regarding Polytrade Pty Ltd intending to submit a State Significant Development Application for 132-144 Warren Road, Smithfield (Lot 2 DP 1230452) to change the use of the site to a Materials Recovery Facility (MRF).

As shown in the below site plan from Endeavour Energy's G/Net master facility model (and extracts from Google Maps Street View) there is:

- ,
- An easement benefitting Endeavour Energy (indicated by red hatching) along the western side boundary for underground pilot cables (carrying protection signals or communications between substations), padmount substation no. 4513 (indicated by the symbol <sup>(1)</sup>) and low voltage and 11,000 volt / 11 kilovolt (kV) high voltage underground cables (coming from the pole on the road verge). The easement runs parallel to / adjoins 11 kV high voltage and 33,000 volt / 33 kV high voltage overhead power lines, overhead earth cables and overhead pilot cables traversing 146-156 Warren Road (Lot 1000 DP 1077000).
- Low voltage and (part) 11 kV high voltage overhead power lines to the road verge roadway.

Please note the location, extent and type of any electricity infrastructure, boundaries etc. shown on the plan is indicative only. In addition it must be recognised that the electricity network is constantly extended, augmented and modified and there is a delay from the completion and commissioning of these works until their capture in the model. Generally (depending on the scale and/or features selected), low voltage (normally not exceeding 1,000 volts) is indicated by blue lines and high voltage (normally exceeding 1,000 volts but for Endeavour Energy's network not exceeding 132,000 volts / 132 kV) by red lines (these lines can appear as solid or dashed and where there are multiple lines / cables only the higher voltage may be shown). This plan only shows the Endeavour Energy network and does not show electricity infrastructure belonging to other authorities or customers owned electrical equipment beyond the customer connection point / point of supply to the property. This plan is not a 'Dial Before You Dig' plan under the provisions of Part 5E 'Protection of underground electricity power lines' of the <u>Electricity Supply Act 1995</u> (NSW). Subject to the satisfactory resolution of the foregoing and the following recommendations and comments Endeavour Energy has no objection to the Development Application.

The following is a summary of the usual / main terms of Endeavour Energy's electrical easements requiring that the landowner:

- Not install or permit to be installed any buildings, structures or services within the easement site.
- Not alter the surface level of the easement site.
- Not do or permit to be done anything that restricts access to the easement site without the prior written permission of Endeavour Energy and in accordance with such conditions as Endeavour Energy may reasonably impose.

Endeavour Energy's preference is for no activities or encroachments to occur within its easements. Most activities are prohibited within the padmount substation easement area. However, if any proposed works or activities (other than those approved / certified by Endeavour Energy's Network Connections Branch as part of an enquiry / application for load or asset relocation project) will encroach/affect Endeavour Energy's easements or protected assets, contact must first be made with the Endeavour Energy's Easements Officer, Philip.Wilson@endeavourenergy.com.au Easements@endeavourenergy.com.au or or Easements@endeavourenergy.com.au.

Please find attached for the applicant's reference a copy of Endeavour Energy's:

- Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights' which deals with activities / encroachments within easements.
- General Restrictions for Underground Cables.
- Guide to Fencing, Retaining Walls and Maintenance Around Padmount Substations.

Endeavour Energy has noted the SEARs Scoping Report indicates 'Some minor works to the shed and site are proposed'. It also indicates minor excavation may be required as part of this proposal for the installation of two weighbridges – one proposed on the western side of the shed within the easement (which is not mentioned in the SEARs Scoping Report) and which may be prohibited. The applicant must provide full details of any works proposed within the easement to Endeavour Energy's Easements Officer for assessment. These proposed works may be allowed as controlled activities provided they meet the minimum required safety requirements and controls. However please note that this does not constitute or imply the granting of permission by Endeavour Energy to any or all of the proposed encroachments and / or activities within the easement.

In addition in regard to padmount substation no. 4513, whilst included with the easement which dates back to 1962, as shown in the following extract of Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights', Figure A4.3 'Padmount easements and clearances', padmount substations now require:

- Easement with a minimum size of 2.75 x 5.5 metres (single transformer).
- Fire rating which usually extends 3 metres horizontally from the base of the substation footing / plinth and 6 metres vertically from the same point. Personnel access doors and fire exit doors to a building are not permitted within the restriction area
- Swimming pools which extends 5 metres from the easement (which may not be required for non-residential uses).





These clearances were introduced on a case for case basis from 2003 before becoming standard in 2009. The easement for padmount substation no. 13635 dates back to 1988 and does not include the restrictions. Whilst the restrictions are not included with the easement registered on title, Endeavour Energy strongly recommends that they be considered and adopted for any new development. In this instance if the existing padmount substation needs to be upgraded / replaced for the new / additional electrical load, as part of the Level 3 Design the easement and restrictions for the padmount substation will likely need to be 'upgraded' to the current standard of Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights' – please also refer to the below point 'Network Capacity / Connection'.

Further advice regarding the property tenure / easement issues affecting the site are available by contacting Endeavour Energy's Property Services Section via Head Office enquiries on business days from 9am - 4:30pm on telephone: 133 718 or (02) 9853 6666 or email <u>network property@endeavourenergy.com.au</u> (underscore between 'network' and 'property').

Subject to the satisfactory resolution of the foregoing and the following recommendations and comments Endeavour Energy has no objection to the Development Application.

• Network Capacity / Connection

Endeavour Energy has noted the SEARs Scoping Report does not address the suitability of the site for the development in regard to whether electricity services are available and adequate for the development.

Endeavour Energy would expect the Planning Secretary's Environmental Assessment Requirements (SEARs) would require the applicant to address utilities as a key issue in the future Environmental Impact Statement, with the following being an example of the 'Utilities' section for other recent notifications (and appears to be the standard wording) received by Endeavour Energy from the Department.

#### 14. Utilities

- In consultation with relevant service providers:
  - assess of the impacts of the development on existing utility infrastructure and service provider assets surrounding the site.
  - identify any infrastructure upgrades required off-site to facilitate the development and any arrangements to ensure that the upgrades will be implemented on time and be maintained.
  - provide an infrastructure delivery and staging plan, including a description of how infrastructure requirements would be co-ordinated, funded and delivered to facilitate the development.

In due course the applicant for the proposed development of the site will need to submit an appropriate application based on the maximum demand for electricity for connection of load via Endeavour Energy's Network Connections Branch to carry out the final load assessment and the method of supply will be determined. Straightforward applications can be completed online and permission to connect may be provided immediately if submitting a complying application.

Padmount substations can accommodate loads from 315 kVA up to 1,500 kVA (typically 500 kVA). Accordingly there is a significant variation in the number and type of premises able to be connected to a substation. Whilst there is an existing padmount substation on the site which is likely to have some spare capacity, it may not be sufficient to facilitate the proposed development. As well as the capacity of distribution substations, other factors such as the size and rating / load on the conductors and voltage drop (which can affect the quality of supply particularly with long conductor runs) etc. need to be assessed. Accordingly an extension and / or augmentation of the existing local network may be required. However the extent of the works will not be determined until the final load assessment is completed.

For more complex connections, advice on the electricity infrastructure required to facilitate the proposed development can be obtained by submitting a Technical Review Request to Endeavour Energy's Network Connections Branch, the form for which FPJ6007 is attached. The response to these enquiries is based upon a desktop review of corporate information systems, and as such does not involve the engagement of various internal stakeholders in order to develop a 'Connection Offer'. It does provide details of preliminary connection requirements which can be considered by the applicant prior to lodging a formal application for connection of load.

Further details of the entire range of connection services including temporary builder's supply; asset relocation and removal; subdivisions; meeting the requirements of development approval etc; are available by contacting Endeavour Energy's Network Connections Branch via Head Office enquiries on business days from 9am - 4:30pm on telephone: 133 718 or (02) 9853 6666 or on Endeavour Energy's website under 'Home > Residential and business > Connecting to our network' via the following link:

http://www.endeavourenergy.com.au/ .

Alternatively the applicant may need to engage an Accredited Service Provider (ASP) of an appropriate level and class of accreditation to assess the electricity load and the proposed method of supply for the development. The ASP scheme is administered by Energy NSW and details are available on their website via the following link or telephone 13 77 88:

https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/asp-scheme-and-contestable-works .

• State Environmental Planning Policy No 33 - Hazardous and Offensive Development (SEPP33)

Endeavour Energy is aware that under the provisions of SEPP 33 in the preparation of a preliminary hazard assessment electricity infrastructure is not defined / regarded as sensitive land use. However, the electricity infrastructure on or in proximity of the site as well as potentially being damaged by a fire emanating from the storage tanks, fill points, dispensers etc. (which could result in significant power outages as well as other offsite effects), may also be a potential ignition source.

In similar situations the consultants have been requested to specifically address the risks associated with the proximity of the electricity infrastructure ie. detail design considerations, technical or operational controls such as equipotential bonding between the earth, concrete driveway and fuel tanks etc. to demonstrate as required by SEPP33 that the proposed business / development is suitably located and can be built and operated with an adequate level of safety and pollution control.

Irrespective of the class / division and the quantities, any dangerous goods whether combustible and / or flammable should not be stored near electricity infrastructure and increasing the separation distance as far as reasonably possible is recommended.

In addition, the storage of combustible/flammable/corrosive material under the requirements of Endeavour Energy's Mains Design Instruction MDI 0044 'Easements and Property Tenure Rights' is prohibited in all easements. This of particular concern noting the SEARs Scoping Report indicates 'The incidence and severity of fires at recycling facilities have been historically high'.

• Air Quality / Dust

Although Endeavour Energy's electricity infrastructure is not a 'sensitive receptor' in the traditional sense of being a habitable / residential use, electrical equipment on or near the site would be affected by excessive / cumulative dust emissions. Although unlikely in normal circumstances and the risk is considered low, it could cause a flashover to occur on the insulators on the overhead power lines or start a fire in the substation. From Endeavour Energy's perspective it is imperative that the appropriate air quality management measures are implemented and adhered to in order to minimise any impact on the electricity infrastructure on or in the vicinity of the site.

• Flooding and Drainage

Endeavour Energy has noted the following in the SEARs Scoping Report.

# 6.6 Flooding

Flood mapping conducted by Cumberland Council (published March 2021) show that the site is at medium to low risk for flood events (Figure 7).

Endeavour Energy requires the electricity network needed to service an area / development to be fit for purpose and meet the technical specifications, design, construction and commissioning standards based on Endeavour Energy's risk assessment associated with the implementation and use of the network connection / infrastructure for a flood prone site. Risk control has focused typically on avoiding the threat, but where this is not possible, reducing the negative effect or probability of flood damage to assets by implementing good design and maintenance practices. Distribution substations should not be subject to flood inundation or stormwater runoff ie. the padmount substation cubicles are weatherproof not flood proof and the cable pits whilst designed to be self-draining should not be subject to excessive ingress of water. Section 7 'Substation and switching stations' of Endeavour Energy's Mains Construction Instruction MCI 0006 'Underground distribution construction standards manual' provides the following details of the requirements for flooding and drainage in new padmount substation locations.

#### 7.1.6 Flooding and drainage

Substations are to be located such that the risk of flooding or stormwater damage is minimal.

As a minimum the level at the top of the transformer footing, HV and LV switchgear, shall not be lower than the 1:100 year flood level.

All drains within the substation site area or in the vicinity shall be properly maintained to avoid the possibility of water damage to Endeavour Energy's equipment.

In areas where, as determined by the Network Substation Manager, there is a high water table or a heightened risk of flooding, indoor substations will not be permitted.

All materials used in the construction below the substation (ground level) shall be capable of withstanding prolonged immersion in water without swelling or deterioration.



Figure 51 - Example substation raised above 1:100 flood level

#### • Earthing

The construction of any building or structure (including fencing, signage, flag poles, hoardings etc.) whether temporary or permanent that is connected to or in close proximity to Endeavour Energy's electrical network is required to comply with Australian/New Zealand Standard AS/NZS 3000:2018 'Electrical installations' as updated from time to time. This Standard sets out requirements for the design, construction and verification of electrical installations, including ensuring there is adequate connection to the earth. It applies to all electrical installations including temporary builder's supply / connections.

Inadequate connection to the earth to allow a leaking / fault current to flow into the grounding system and be properly dissipated places persons, equipment connected to the network and the electricity network itself at risk from electric shock, fire and physical injury.

The earthing system is usually in the form of an earth electrode consisting of earth rods or mats buried in the ground. It should be designed by a suitably qualified electrical engineer / Accredited Service Provider (ASP) following a site-specific risk assessment having regard to the potential number of people could be simultaneously exposed, ground resistivity etc. For details of the ASP scheme please refer to the above point 'Network Capacity / Connection'.

#### Prudent Avoidance

The electricity industry has adopted a policy of prudent avoidance by doing what can be done without undue inconvenience and at modest expense to avert the possible risk to health from exposure to emissions form electricity infrastructure such as electric and magnetic fields (EMF) and noise which generally increase the higher the voltage ie. Endeavour Energy's network ranges from low voltage (normally not exceeding 1,000 volts) to high voltage (normally exceeding 1,000 volts but not exceeding 132,000 volts / 132 kV).

In practical terms this means that when designing new transmission and distribution facilities, consideration is given to reducing exposure and increasing separation distances to more sensitive uses such as residential or schools, pre-schools, day care centres or where potentially a greater number of people are regularly exposed for extended periods of time.

These emissions are usually not an issue but with Council's permitting or encouraging development with higher density, reduced setbacks and increased building heights, but as the electricity network operates 24/7/365 (all day, every day of the year), the level of exposure can increase.

Endeavour Energy believes that irrespective of the zoning or land use, applicants (and Council) should also adopt a policy of prudent avoidance by the siting of more sensitive uses eg. the office component of an industrial building, away from and less susceptible uses such as garages, non-habitable or rooms not regularly occupied eg. storage areas in a commercial building, towards any electricity infrastructure – including any possible future electricity infrastructure required to facilitate the proposed development.

Where development is proposed near electricity infrastructure, Endeavour Energy is not responsible for any amelioration measures for such emissions that may impact on the nearby proposed development.

Please find attached a copy of Energy Networks Association's 'Electric & Magnetic Fields – What We Know' which can also be accessed via their website at <u>https://www.energynetworks.com.au/electric-and-magnetic-fields</u> and provides the following advice:

*Electric fields are strongest closest to their source, and their strength diminishes rapidly as we move away from the source.* 

The level of a magnetic field depends on the amount of the current (measured in amps), and decreases rapidly once we move away from the source.

Typical magnetic field measurements associated with Endeavour Energy's activities and assets given the required easement widths, safety clearances etc. and having a maximum voltage of 132,000 volt / 132 kV, will with the observance of these separation distances not exceed the recommended magnetic field public exposure limits.

• Easement Management / Network Access

It is imperative that the access to the existing electrical infrastructure on and in proximity of the site be maintained at all times. To ensure that supply electricity is available to the community, access to the electricity infrastructure may be required at any time. Restricted access to electricity infrastructure by maintenance workers causes delays in power restoration and may have severe consequences in the event of an emergency.

Vegetation Management

The planting of large trees near electricity infrastructure is not supported by Endeavour Energy. Particularly for overhead power lines, ongoing vegetation management / tree trimming is a significant network cost and falling trees and branches during storms are a major cause of power outages.

Suitable planting needs to be undertaken in proximity of electricity infrastructure (including any new electricity infrastructure required to facilitate the proposed development). Only low growing shrubs not exceeding 3.0 metres in height, ground covers and smaller shrubs, with non-invasive root systems are the best plants to use. Larger trees should be planted well away from electricity infrastructure (at least the same distance from overhead power lines as their potential full grown height) and even with underground cables, be installed with a root barrier around the root ball of the plant.

Landscaping that interferes with electricity infrastructure may become a potential safety risk, cause of bush fire, restrict access, reduce light levels from streetlights or result in the interruption of supply. Such landscaping may be subject to Endeavour Energy's Vegetation Management program and/or the provisions of the <u>Electricity</u> <u>Supply Act 1995</u> (NSW) Section 48 'Interference with electricity works by trees' by which under certain circumstances the cost of carrying out such work may be recovered.

Endeavour Energy's recommendation is that existing trees which are of low ecological significance in proximity of overhead power lines be removed and if necessary replaced by an alternative smaller planting. Any planting needs to ensure appropriate clearances are maintained whilst minimising the need for future pruning.

# • Dial Before You Dig

Before commencing any underground activity the applicant is required to obtain advice from the **Dial Before You Dig 1100** service in accordance with the requirements of the <u>Electricity Supply Act 1995</u> (NSW) and associated Regulations. This should be obtained by the applicant not only to identify the location of any underground electrical and other utility infrastructure across the site, but also to identify them as a hazard and to properly assess the risk.

• Public Safety

Workers involved in work near electricity infrastructure run the risk of receiving an electric shock and causing substantial damage to plant and equipment. I have attached Endeavour Energy's public safety training resources, which were developed to help general public / workers to understand why you may be at risk and what you can do to work safely. The public safety training resources are also available via Endeavour Energy's website via the following link:

http://www.endeavourenergy.com.au/wps/wcm/connect/ee/nsw/nsw+homepage/communitynav/safety/ s afety+brochures.

If the applicant has any concerns over the proposed works in proximity of the Endeavour Energy's electricity infrastructure to the road verge / roadway, as part of a public safety initiative Endeavour Energy has set up an email account that is accessible by a range of stakeholders across the company in order to provide more effective lines of communication with the general public who may be undertaking construction activities in proximity of electricity infrastructure such as builders, construction industry workers etc. The email address is <u>Construction.Works@endeavourenergy.com.au</u>.

Emergency Contact

In case of an emergency relating to Endeavour Energy's electrical network, the applicant should note the Emergencies Telephone is 131 003 which can be contacted 24 hours/7 days. Endeavour Energy's contact details should be included in any relevant risk and safety management plan.

I appreciate that not all the foregoing issues may be directly or immediately relevant or significant to the making of the future Development Application. However, Endeavour Energy's preference is to alert proponents / applicants of the potential matters that may arise should development within closer proximity of the existing and/or required electricity infrastructure needed to facilitate the proposed development on or in the vicinity of the site occur.

Could you please pass on a copy of this submission and the attached resources to the applicant? Should you wish to discuss this matter, or have any questions, please do not hesitate to contact me or the contacts identified above in relation to the various matters. Due to the high number of development application / planning proposal notifications submitted to Endeavour Energy, ensure а response contact by email to to property.development@endeavourenergy.com.au is preferred.

With the current COVID-19 health risk, as many as possible of Endeavour Energy staff are working from home. As a result there is only a small contingent located at the Huntingwood head office for essential operations. Although working from home, access to emails and other internal stakeholders is now somewhat limited. As a result it may sometimes take longer than usual to respond to enquiries. Thank you for your understanding during this time.

Kind regards Cornelis Duba Development Application Specialist Network Environment & Assessment M: 0455 250 981 E: <u>cornelis.duba@endeavourenergy.com.au</u> 51 Huntingwood Drive, Huntingwood NSW 2148 <u>www.endeavourenergy.com.au</u>









