

### DRAFT RING-FENCING IMPLEMENTATION PLAN

DRAFT RING-FENCING IMPLEMENTATION PLAN FOR CONSULTATION

**April 2017** 



### 1.0 Introduction

The Australian Energy Regulator (AER) Ring-Fencing Guideline Electricity Distribution November 2016 (Guideline) is the first consistent cross-jurisdictional ring-fencing guideline. The Guideline has replaced ring-fencing arrangements under the Independent Pricing and Regulatory Tribunal.

The objective of the Guideline is to separate monopoly and contestable electricity services of Distribution Network Service Providers (DNSPs) to promote competition in the provision of electricity services and prevent:

- · Cross subsidisation between monopoly services and other services
- Discrimination in favour of affiliated entities providing contestable electricity services.

The AER requires DNSPs to comply with the obligations contained within the Guideline as soon as reasonably practicable, with full compliance required no later than 1 January 2018.

### 1.1 Purpose

This document provides Endeavour Energy's draft ring-fencing implementation plan prepared in response to the AER's request for information ahead of the formal submission due by 31 July 2017. The draft ring-fencing implementation plan sets out:

- A stocktake of Endeavour Energy's current compliance with the Guideline
- Endeavour Energy's overarching compliance approach, and description of the overall implementation approach required to support this, potential challenges for compliance with the Guideline, and potential waivers that Endeavour Energy is considering seeking from the AER
- A summary of the compliance activities Endeavour Energy has undertaken to date, and activities planned to achieve compliance
- · Implementation plan timeline; and
- Whether Endeavour Energy is likely to incur costs that would be the subject of a cost pass through application.

### 2.0 Stocktake of current compliance

Endeavour Energy has undertaken a review of its current level of compliance with the Guideline for each service classification and guideline obligation. Figure 1, below, provides a snapshot of current compliance with the Guideline. Currently, Endeavour Energy is not fully compliant with the Guideline, however notes that although compliance is required as early as possible, that Endeavour Energy has until 1 January 2018 to comply.

Endeavour Energy's direct control services (DCS) are compliant with the majority of the Guideline, except for the information access and disclosure and service provider obligations. Greater implementation activity is required to achieve compliance for Endeavour Energy's unregulated distribution services, other electricity services and other non-electricity services (shown in Table 1).

Figure 1 – Snapshot of current compliance with ring-fencing obligations by service classification

| Obligation                               | Direct control services | Unregulated<br>distribution<br>services | Other electricity services | Other non-<br>electricity<br>services |
|--|-------------------------|---|----------------------------|---------------------------------------|
| Obligation to not discriminate           |                         |   |                            |                                       |
| Legal separation                         |                         |   |                            | WELL.                                 |
| Establish and maintain separate accounts |                         |   |                            |                                       |
| Information access and disclosure        | to by There             |   |                            |                                       |
| Physical separation                      |                         |   |                            |                                       |
| Staff sharing                            |                         |   |                            |                                       |



| Obligation             | Direct control services | Unregulated<br>distribution<br>services | Other electricity services | Other non-<br>electricity<br>services |
|------------------------|-------------------------|---|----------------------------|---------------------------------------|
| Branding and promotion |                         |   |                            |                                       |
| Service providers      |                         | 9 6 1                                   | 100                        |                                       |



Service is currently compliant with ring-fencing obligation Service is partially compliant with ring-fencing obligation Service is currently not compliant with ring-fencing obligation

| Table 1 – Endeavour Energy's services by G  | uideline classifications   |   |                                |
|---|--|---|--------------------------------|
| Direct Control Services   | Unregulated Distribution Services  | Other Electricity                                     | Services Other Non-Electricity |
| Common distribution convices (formarks Inchusely  |  | Services  | Services                       |
| Common distribution services (formerly 'network services') including:   | Field services contracting (FSC) including:  | Transformer<br>Workshop                               | Technical training             |
| Emergency Recoverable Works     Other network support     Temporary supply to embedded networks and off-grid networks  Ancillary network services     Design related services     Contestable network commissioning and decommissioning (DNSP funded component)     Access permits and oversight     Notices of arrangement     Property services     Site establishment services     Network safety services     Customer vegetation defect works     Network tariff change request     Recovery of debt collection costs (dishonoured transactions)     Services provided in relation to a ROLR event     Planned interruption – customer requested     Attendance at customers' premises to perform a statutory right where access is prevented     Inspection services – private electrical | Premises connection assets (contestable)     Extensions undertaken by Accredited Service Provider (ASP)     Augmentation undertaken by customer     Contestable metering support roles (e.g. Metering coordinator, meter data provider, metering provider)  Nightwatch lights  Distribution asset rental | Embedded network<br>services (including<br>Microgrid) |                                |
| installations and ASPs  • Authorisation of ASPs and associated admin services   |  |   |                                |
| Metering Services:  |  |   |                                |
| <ul> <li>Meter reading and testing</li> <li>Type 5–6 metering provision (pre 1 July 2015)</li> <li>Types 5–6 meter reading, maintenance and data services</li> <li>Meter recovery - type 5–6 current transformer metering</li> <li>Emergency maintenance of failed metering equipment not owned by DNSP</li> <li>Type 7 metering services</li> <li>Distributor arranged outage for purposes of replacing metering</li> <li>Correction of metering and market billing data</li> <li>NMI extinction fee</li> <li>Site alteration service</li> <li>Meter bypass issue</li> </ul>   |  |   |                                |
| Connection Services:  |  |   |                                |
| Premises connection assets (uncontestable) Extensions undertaken by DNSP Augmentations undertaken by DNSP Registered participant support services Site inspection Facilitation of generator connection and operation of the network Reconnections/Disconnections  Public Lighting   | ij   |   |                                |
| Public Lighting   |  |   |                                |



### 3.0 Approach to compliance

### 3.1 Overall approach to compliance

Endeavour Energy has developed its approach to compliance and implementation plan with a focus on achieving the objective of the Guideline by separating Endeavour Energy's monopoly and contestable electricity services. Endeavour Energy's staring point was a top-down approach, to understand which of Endeavour Energy's services would need to be separated from Endeavour Energy's core DCS.

Endeavour Energy undertook a gap analysis for each service classification to determine the scope of compliance activity required for each ring-fencing obligation. The outcomes of this gap analysis informed the development of the compliance approach. The gap analysis identified the core focus of the compliance approach would be to separate unregulated distribution services and other services from Endeavour Energy's DCS.

Endeavour Energy used a bottom up approach to develop the compliance approach, addressing each obligation individually across all impacted services. The compliance approach identifies the activities Endeavour Energy will undertake to implement the required changes to become compliant with the Guideline.

### 3.2 Implementation approach

Endeavour Energy's overarching approach to implementing the Guideline is to separate all unregulated distribution services and other services it provides into a new affiliated legal entity (AE), which will have a separate brand. The AE will be considered a related electricity service provider (RESP) with respect to the contestable electricity services (CES) it provides.

In connection with the provision of direct control services, Endeavour Energy will treat the AE on an arms-length basis, on similar terms to competitors and potential competitors. It will review, update and communicate policies and procedures prohibiting discrimination and enhance system and information access controls to prevent discrimination between a RESP and its competitors. These will build on existing policies and procedures in place to support the contestable works market in NSW and IPART ring-fencing requirements.

Endeavour Energy will continue to provide corporate and other permitted functions to the AE, however these functions will be provided on arm's length terms, to be documented through a mechanism such as a Memorandum of Understanding. Endeavour Energy will also seek to share staff, property and offices used for the provision and marketing of direct control services and other services, where the Guideline allows staff, property and offices to be shared.

To achieve compliance with the Guideline for provision of equal access to information for all market participants, Endeavour Energy will:

 provide the AE with information and access arrangements as used currently by Accredited Service Providers (ASPs) in NSW with no further confidential or electricity information being made available to the AE, and treat the AE on an arms-length basis.

Table 2 below provides a summary of Endeavour Energy's implementation approach for each of the guideline obligations.

Table 2 – Summary of Endeavour Energy's implementation approach key guideline obligations

| OBLIGATION     | IMPLEMENTATION APPROACH  |
|----------------|--|
| Discrimination | <ul> <li>For the provision of DCS, Endeavour Energy will treat its AE on an armslength basis, on similar terms to competitors and potential competitors in connection with the provision of direct control services by Endeavour Energy.</li> <li>Endeavour Energy will continue to provide corporate and other permitted functions to its AE, however these functions will be provided on arm's length terms to be documented through a mechanism such as a Memorandum of Understanding.</li> </ul> |



| OBLIGATION                         | IMPLEMENTATION APPROACH   |
|------------------------------------|---|
| Legal / Accounting separation      | <ul> <li>Endeavour Energy will create a new affiliated entity (AE) to provide the following services:         <ul> <li>Unregulated distribution services</li> <li>Other electricity services.</li> </ul> </li> <li>Endeavour Energy will seek waivers for:         <ul> <li>Emergency recoverable works</li> <li>Technical training.</li> </ul> </li> <li>Endeavour Energy will document and provide its internal accounting procedures for separately handling the accounting systems for DCS and its unregulated activities to the AER; and report on transactions between Endeavour Energy and its AE.</li> <li>Endeavour Energy will establish and maintain separate accounts for Endeavour Energy and the AE and any transactions between Endeavour Energy and the new affiliated entity will be captured in the accounting procedures.</li> <li>Endeavour Energy will allocate costs to DCS and other services in a manner that is consistent with its approved CAM.</li> </ul>   |
| Information access and disclosure  | <ul> <li>The overarching approach is to improve access to information for all market participants in the longer term. In the short-term, Endeavour Energy will provide the AE with access to information and access arrangements currently provided to ASPs for Confidential Information as defined in the Guideline.</li> <li>Endeavour Energy will analyse the information it holds to identify what specifically constitutes Confidential Information, and will put in place systems and procedural controls to ensure Confidential Information is not disclosed to a RESP, or any other person, other than in accordance with the Guideline.</li> <li>Targeted communications will accompany any systems or procedures changes to ensure that impacted staff understand their obligations.</li> <li>Endeavour Energy will develop an agreement that includes terms and conditions requiring the AE, and competitor parties such as ASPs to whom Confidential Information is made available, to keep Confidential Information confidential, and prohibiting it from disclosing that information in the absence of exemptions set out under the Guideline. The AE and its competitors will need to sign the agreement before Endeavour Energy discloses Confidential Information.</li> <li>Endeavour Energy will establish, maintain and keep an information register of all legal entities who request access to Confidential Information and will make the register publicly available on its website.</li> </ul> |
| Physical separation  Staff sharing | <ul> <li>Endeavour Energy will move staff that are dedicated to the AE and are not shared with Endeavour Energy to Parramatta or Hoxton Park (Transformer workshop) with separation being achieved through electronic securing of areas to ensure that only the correct staff have access.</li> <li>Parramatta depot is currently ring-fenced from offices of DNSP staff who cannot be shared and has the capacity to accommodate the dedicated AE staff. Hoxton Park is a shared site between DNSP employees and AE staff. All employees dedicated to AE services at Hoxton Park are housed in a separate building which is intended to be have electronic access security put in place to ring-fenced AE staff from the remaining operations at the site. There are no shared office spaces that are expected to complicate access arrangements.</li> <li>Where staff are able to be shared between DCS and the AE's activities, they will remain co-located. Endeavour Energy will apply any exemptions allowed for staff who do not have access to electricity information or the opportunity to use that information in contravention of the Guideline.</li> <li>Endeavour Energy's approach is to share staff across the provision and</li> </ul>   |
|                                    | <ul> <li>Endeavour Energy's approach is to share stair across the provision and marketing of DCS and CES, where the Guideline allows staff to be shared.</li> <li>Endeavour Energy will apply any exceptions allowed for staff who do not have access to electricity information or the opportunity to use that information in contravention of the Guideline.</li> <li>Where staff cannot be shared, Endeavour Energy will:</li> </ul>   |



| OBLIGATION                                | IMPLEMENTATION APPROACH  |
|---|--|
|   | <ul> <li>Review roles and job descriptions to consolidate the provision of DCS and CES into separate roles</li> <li>Discontinue certain activities for some roles</li> <li>Duplicate roles if necessary.</li> <li>Endeavour Energy will use its staff sharing tool to identify whether staff can be shared across the provision and marketing of DCS and CES. This tool will be applied to staff roles across the business to identify whether the role can be shared, or if that staff role is required to be amended to be able to be shared.</li> </ul>   |
| Branding & Promotion<br>(Marketing & CRM) | <ul> <li>Endeavour Energy's new AE will have its own brand, AusConnex.</li> <li>Endeavour Energy will analyse its website, call centre scripts and procedures, advertisements, external communications to identify circumstances where DCS and CES are advertised together and amend these.</li> <li>Endeavour Energy will implement a low cost rebranding solution for field staff. It is proposed that vests will be provided to RESP staff to cover Endeavour Energy branded uniforms and magnetic stickers for fleet.</li> <li>Policies and procedures will be amended to ensure that Endeavour Energy does not promote its DCS and CES together, and these amendments will be supported by targeted communications to impacted staff members.</li> </ul>  |
| Reporting & Governance                    | <ul> <li>Endeavour Energy's operational changes brought about by the ring-fencing implementation program will be underpinned by supporting policies and procedures. Existing policies and procedures will be leveraged and updated where appropriate, and new policies and procedures developed otherwise.</li> <li>Endeavour Energy will commence collecting information, and setting up systems and procedures, necessary to ensure it can prepare an annual ringfencing report for the 2017-18 regulatory year, and will submit its first report in October 2018.</li> <li>Endeavour Energy's systems will be modified to ensure that it is able to report on breaches of the Guideline as they are identified. This will leverage procedures in place for reporting breaches of the NER.</li> <li>Endeavour Energy will engage an independent authority to assess its compliance in relation to the annual compliance report.</li> </ul> |
| Waivers                                   | <ul> <li>Endeavour Energy is currently considering waivers for:         <ul> <li>the treatment of services subject to reclassification between Regulatory Control Periods</li> <li>Technical training – external service – waiver from the legal separation and functional obligations.</li> </ul> </li> <li>Upon receiving a final waiver decision from the AER, Endeavour Energy will establish a register of all successful waiver applications and maintain this on an ongoing basis.</li> </ul>   |
| Service providers                         | <ul> <li>In establishing new contracts, or as contracts come up for renewal, new clauses requiring service providers to comply with non-discrimination, locational and staffing separation, and information protection obligations under the Guideline will be included.</li> <li>Communications targeting relevant staff, such as procurement staff, will assist staff in understanding their obligations and incorporating obligations when new or amended contracts with service providers are triggered.</li> <li>Endeavour Energy will review service provider arrangements to ensure that these do not include arrangements where a service provider is incentivised to contravene Endeavour Energy's ring-fencing obligations.</li> </ul>   |

### 3.3 Potential compliance challenges

Endeavour Energy expects to be fully compliant with the Guideline within the allowed transition period. To date, no material risks to achieving compliance by 31 December 2017 have been identified.



### 3.3.1 Impacts of the Endeavour Energy lease transaction on ring-fencing compliance

The NSW Government is intending to enter into a long term lease for the majority share of Endeavour Energy. As a result of the lease transaction, Endeavour Energy will have a new operator and to facilitate this process a number of structural changes will necessarily occur. Endeavour Energy has no reason to believe that the lease transaction will compromise its compliance with the Guideline.

However, there are some specifics of the implementation plan that will not be able to be finalised until after the lease transaction has been completed: for instance the set-up of a separate legal entity cannot be undertaken until after the new ownership structure is in place. This creates the potential for delays in providing the AER with the level of detail that may be expected at some stages of the compliance process. Endeavour Energy will provide the AER with as much notice as practical in the event that any delays in provision of information within the transition period arise.

### 3.4 Potential waivers being considered

Endeavour Energy is considering seeking waivers in two areas:

- Some services identified in the AER's Preliminary Framework & Approach Paper for NSW
  electricity distributors 2019-24 will change classifications between the current regulatory control
  period and the next regulatory control period. Endeavour Energy is considering seeking waivers
  for the services that will change classification to direct control services to be exempt from the colocation, staffing and branding and promotion obligations.
- 2. A waiver from the legal separation and functional obligations for the technical training external service, which Endeavour Energy considers to be an Other Service.



## 4.0 Compliance snapshot

Progress made to date by Endeavour Energy in implementing its compliance approach and key activities required to achieve Guideline compliance are outlined in the table below. Activities that Endeavour Energy considers it is able to achieve in advance of the end of the transition period have been identified as 'quick wins'. The compliance snapshot is presented according to the key compliance areas in the Guideline, as activities to achieve compliance do not vary significantly between services.

Table 3 - Compliance Snapshot

| OBLIGATION | PROGRESS TO DATE  |         | ACTIVITIES TO ACHIEVE COMPLIANCE   | EXPECTED<br>COMPLIANCE<br>DATE |
|------------|---|---------|--|--------------------------------|
| -          | Commenced review and update of Contestable Works Policy (including governance, oversight and auditing),               | Quick w | Quick wins (by 1 September) Implement workplace instructions covering process                          | September 2017                 |
|            | covering:   |         | for disclosure of network information to third parties   |                                |
|            | <ul> <li>Administering the ASP application process</li> <li>Granting / refusing access to Endeavour Energy</li> </ul> |         | Update Endeavour Energy's conflict of interest register to align with Guideline sharing of information |                                |
|            | Network   |         | obligations  |                                |
|            | Setting and collecting ASP fees / conditions  |         | Implement policies and design physical separation  | N                              |
|            | Communicating network information to ASPs   |         | arrangements preventing sharing of competitor  |                                |
|            | <ul> <li>Developing workplace instructions etc. to</li> </ul>   |         | information by DNSP with RESP  |                                |
|            | monitor ASP performance   |         | Design arrangement by which corporate and other  |                                |
| -          | <ul> <li>Commenced review and update of associated</li> </ul>   |         | permitted functions will be provided by Endeavour  |                                |
|            | contestable service provider policies for issues impact   |         | Energy to the RESP, e.g. MoU.  |                                |
|            | compliance with anti-discrimination obligations   |         |  |                                |
| *          | <ul> <li>Reviewed membership and industry association activities</li> </ul>   | Longer  | Longer lead items  |                                |
|            | for contestable staff to identify potential conflicts of  | •       | Establish monitoring and reporting approach to track   |                                |
|            | interest and control requirements   |         | alignment of work activities according to revised  |                                |
| -          | <ul> <li>Confirmed existing contract database (PMWeb)</li> </ul>  |         | policies and procedures  |                                |
|            | appropriately restricts access to information at an   |         | Enhance internal systems governance and control  |                                |
|            | individual branch level   |         | procedures to ensure ongoing compliance with   |                                |
|            | <ul> <li>Identified areas of potential information sharing</li> </ul>   |         | system and information access restrictions   |                                |
|            | compliance risk regarding sharing by DNSP of  |         | Design and implement enhanced access to  |                                |
|            | competitor information with RESP  |         | information controls within Endeavour Energy's   |                                |
| 10         | <ul> <li>Implemented short term compliance protocols and</li> </ul>   |         | Procurement team to ensure segregation of DNSP   |                                |
|            | communications regarding risk of sharing by DNSP of   |         | and contestable business information   |                                |
|            | competitor information with RESP (confidentiality of ASP  | •       | Implement physical separation arrangements   |                                |
|            | information in shared used facilities and print rooms)  |         | preventing sharing of competitor information by  |                                |
|            | <ul> <li>Guideline obligations and key change requirements</li> </ul>   |         | DNSP with RESP   |                                |
|            | communicated to impacted functions  |         |  |                                |



| OBLIGATION | PROGRESS TO DATE  | ACTIVITIES TO ACHIEVE COMPLIANCE  | EXPECTED<br>COMPLIANCE<br>DATE |
|------------|---|---|--------------------------------|
| Separation | Service scope of AE and approach to allocation and sharing of assets determined Corporate service requirements for RESP defined Timetable for creation of new legal entity planned for September 2017 following completion of the lease transaction In principle accounting approach confirmed Endeavour Energy's existing CAM confirmed as compatible with Guideline Confirmed that Endeavour Enegy's existing ERP (Ellipse), project management tools and time-and-attendance systems (ESS) can be used by the AE | <ul> <li>Quick wins (by 1 September) <ul> <li>Execute IR and communication requirements</li> <li>regarding staff transfers / secondments</li> <li>Decision on employees to transfer / second to AE based on final staff sharing position</li> <li>Define contractual arrangements with RESP regarding corporate services and asset sharing</li> <li>Confirmation of new accounting structure</li> <li>Timing of these activities is dependent on the finalisation of the transaction</li> <li>Establish new legal entity</li> <li>Create new accounting district and accounting processes and records</li> <li>Implement RESP employee transfer / secondment arrangements</li> <li>Execute contractual arrangements with RESP regarding corporate services and asset sharing</li> </ul> </li> </ul> | 2017                           |
| Disclosure | Approach to information compliance defined Scoped current information compliance risk areas (staff, processes, systems, data sets), including identification of confidential information and access arrangements Implemented short term compliance protocols and communications regarding access to confidential information by RESP (prohibition of informal contact between DNSP and RESP staff, formal meeting booking process, lodgement of enquiries to cwtech or via phone similar to external ASPs)          | <ul> <li>Quick wins (by 1 September)</li> <li>Define policy &amp; procedures update requirements regarding compliance with RESP information and access arrangements</li> <li>Define process and system change requirements</li> <li>Establish and publish information sharing protocol, including terms and conditions for the RESP and RESP competitors to access confidential information</li> <li>Longer lead items</li> <li>Implement policy &amp; procedures compliance requirements</li> <li>Implement process and system change requirements</li> <li>Communicate systems and procedure changes to ensure impacted staff understand their obligations</li> <li>Establish and publish information register and associated processes</li> </ul>  | 1 December<br>2017             |





| EXPECTED<br>COMPLIANCE<br>DATE   | 1 December<br>2017   | 1 December<br>2017   |
|----------------------------------|--|--|
| ACTIVITIES TO ACHIEVE COMPLIANCE | <ul> <li>Quick wins (by 1 September)</li> <li>Confirm strategy regarding branding of shared field staff and field assets</li> <li>Develop strategy &amp; design concepts for external RESP brand requirements (website, marketing material, customer documentation etc.)</li> <li>Analyse website, call centre scripts and procedures, advertisements, external communications to identify circumstances where DCS and CES are advertised together and amend these.</li> <li>Establish policies and procedures regarding separate advertising and promotion of RESP services</li> <li>Implement change requirements regarding branding of shared field staff and field assets, including targeted communications to impacted staff members Build external RESP brand related requirements</li> </ul> | Quick wins (by 1 September)  Design ongoing compliance and monitoring policies and procedures (responsibilities, processes, data collection requirements, review and reporting arrangements, etc.)  Develop Guideline compliance training (for DNSP and RESP staff)  Longer lead items  Implement ongoing compliance and monitoring policies and procedures  Implement Guideline compliance training  Oevelop process and timeline to undertake annual compliance reporting, including engaging an independent authority to assess compliance. |
| PROGRESS TO DATE                 | • Separate brand for RESP under development • Conducted options analysis regarding branding of shared use field staff and field assets   | Ongoing compliance and monitoring framework     established  |
| OBLIGATION                       | Branding (Marketing and CRM)   | Reporting & Governance   |



| OBLIGATION        | PROGRESS TO DATE   | ACTIVITIES TO ACHIEVE COMPLIANCE  | EXPECTED<br>COMPLIANCE<br>DATE |
|-------------------|--|---|--------------------------------|
| Waivers           | Preferred position regarding waivers defined - Endeavour Energy is currently considering waivers for:  teclassification between Regulatory Control Periods  Technical training – external service – waiver from the legal separation and functional obligations.  Endeavour Energy may also seek a time limited waiver to extend the transitional period, should delays from external processes (e.g. transaction process) result in implementation not being achievable by 31 December. | Define final position regarding waivers Establish a register of all successful waiver applications  | 1 July 2017                    |
| Service Providers |  | Review existing service provider arrangements to ensure these do not include arrangements where a service provider is incentivised to contravene Endeavour Energy's ring-fencing obligations  Establish service provider Guideline compliance protocols (4.4.1)  Communication to relevant staff, such as procurement staff, to assist staff in understanding their obligations and incorporating obligations when new or amended contracts with service providers are triggered. | 1 December<br>2017             |



### 5.0 Implementation plan timeline

The implementation timeline allocates the compliance activities and actions identified in the previous section to the relevant business area within Endeavour Energy that will be required to undertake the activities. Endeavour Energy will use this timeline to track progress against the implementation plan. A detailed implementation plan is shown in Appendix A.

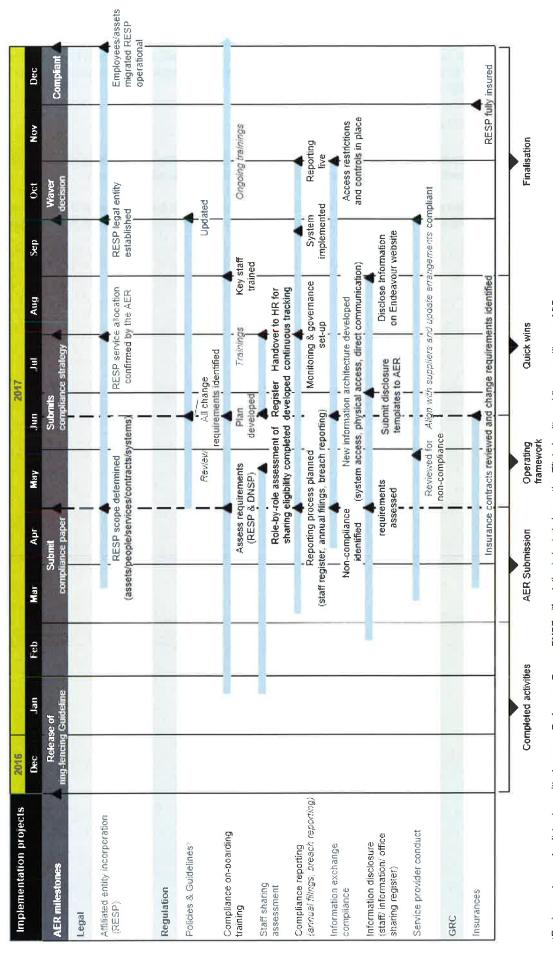
### 6.0 Cost considerations

Based on the activities outlined in the draft implementation plan, Endeavour Energy does not expect that the estimated implementation costs will exceed the threshold for cost pass through.

Endeavour Energy also does not expect there to be material impacts on Endeavour Energy's or the RESP's ongoing operational costs, based on the implementation approach outlined in this paper.



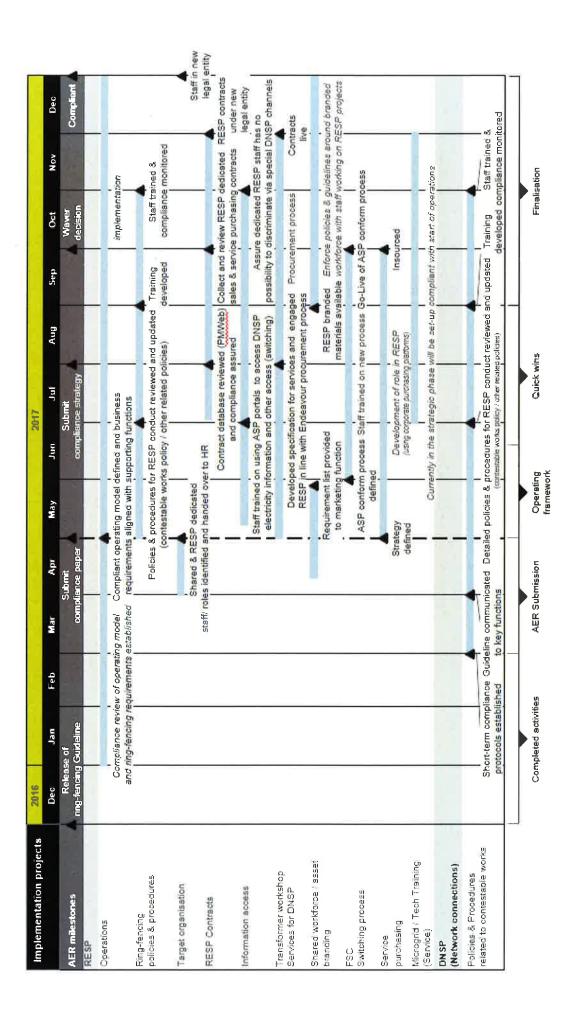
# Appendix A - Implementation Plan

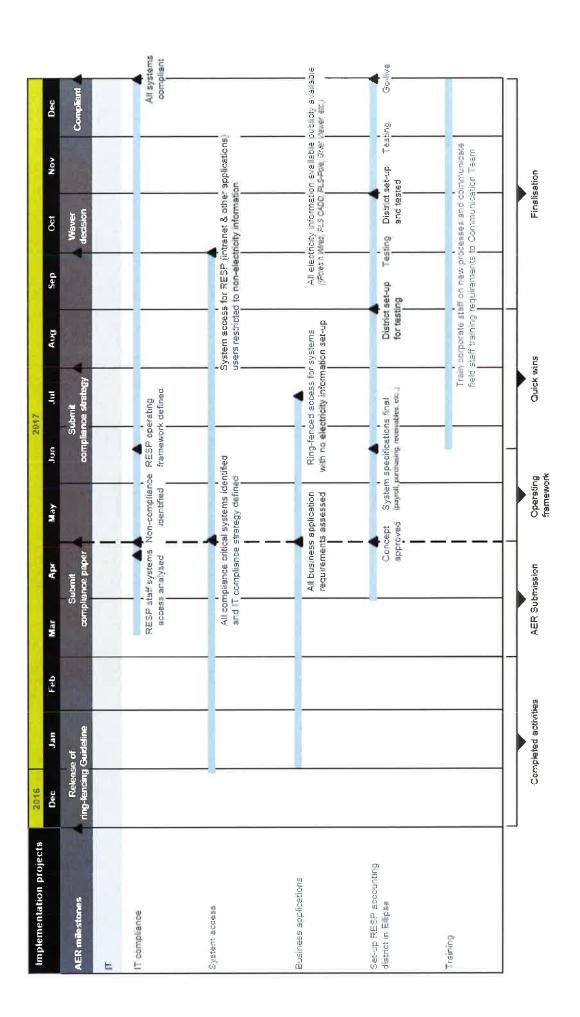


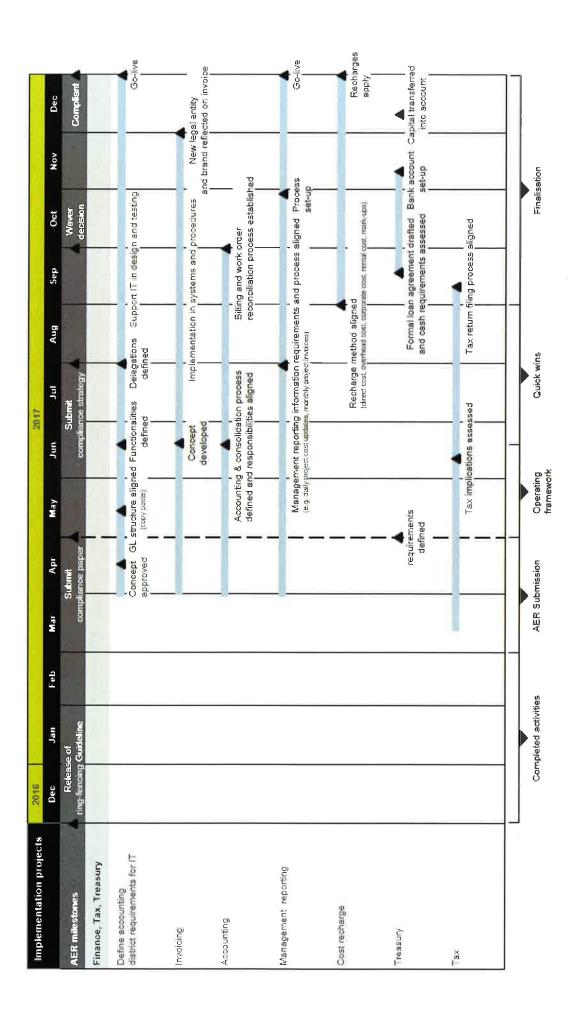
Review and amend policies to positively assure Endeavour Energy DNSP will not discriminate between its affiliated entity and its competitors or ASPs



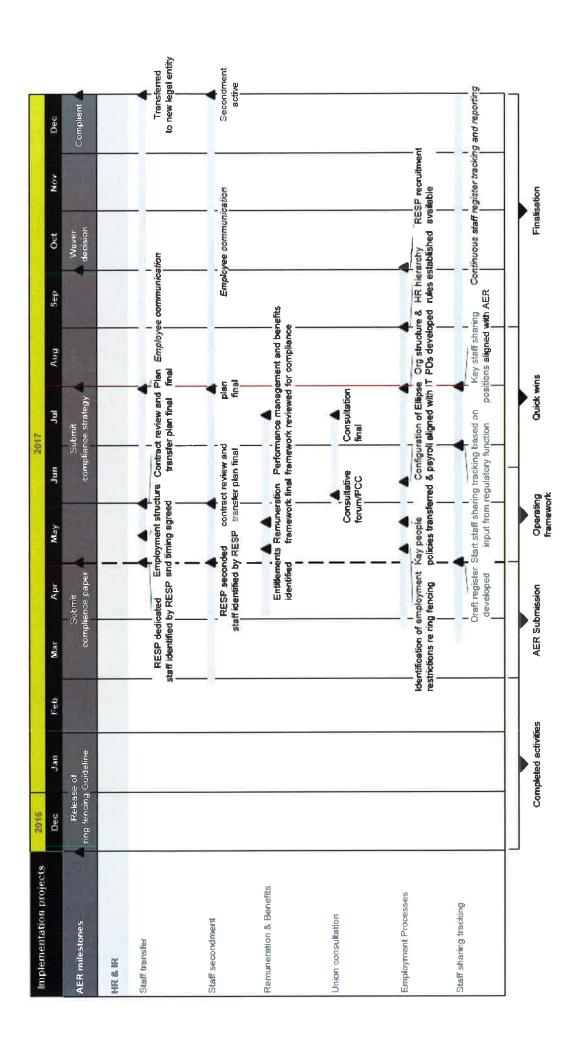




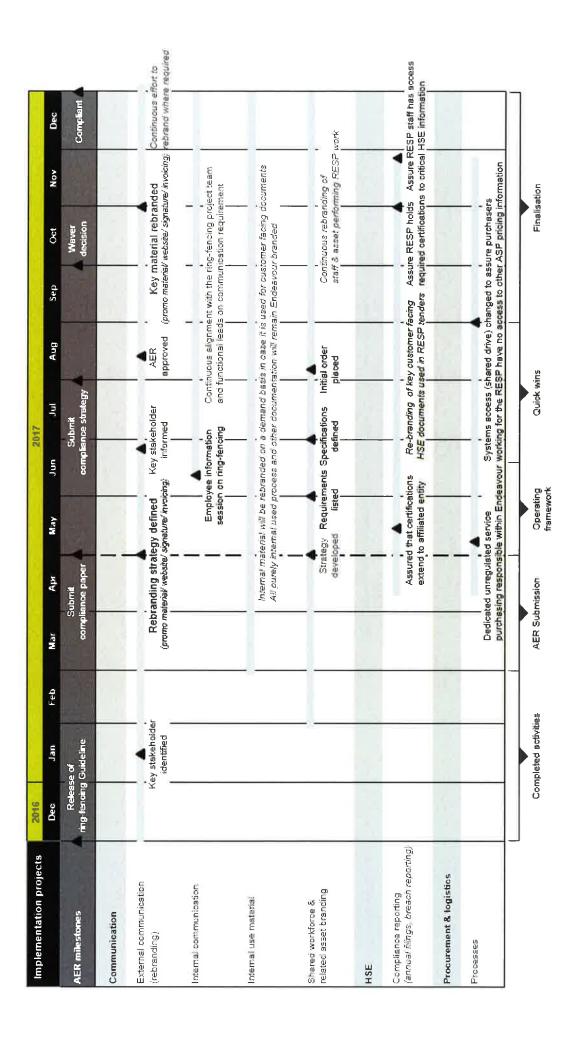




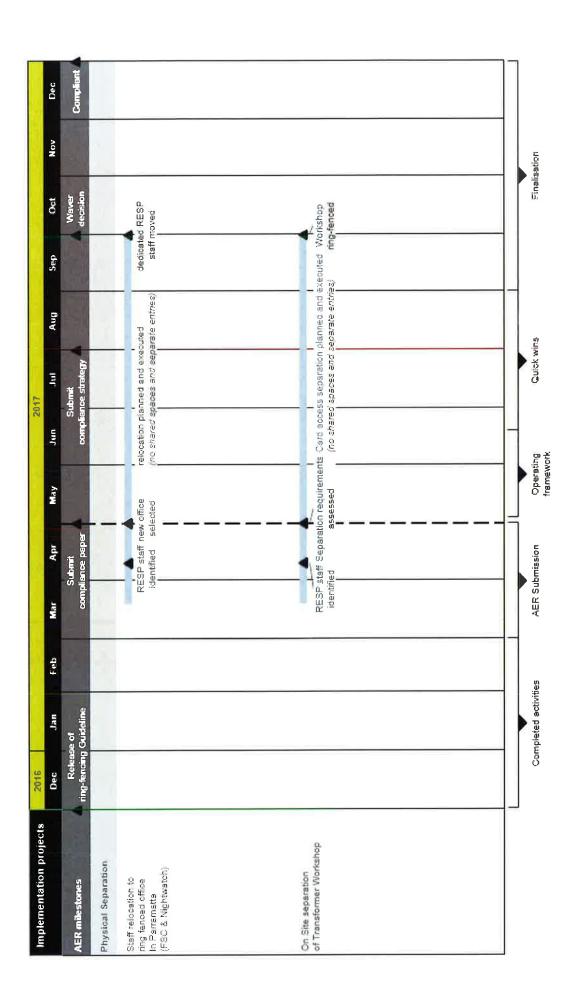












### Endeavour Energy - Staff Sharing Register Implementation overview by function

This register is made publicly available in accordance with clause 4.2.4(b) of the AER Ring Fencing Guideline Electricity Distribution, November 2016.

The table below sets out those staff who hold positions in Endeavour Energy's Distribution Network Service Provider (DNSP) business who, from time to time, are shared with Endeavour Energy's Contestable Service Provider business, These positions have been assessed against the criteria set out in clause 4.2.4(b) of the Guideline and are considered to meet the relevant staff-sharing exemption to enable the position to be shared between the two businesses.

This register includes all shared staff roles that are involved in the provision or marketing of direct control services and contestable electricity services, except those that perform services that are not electricity services (such as general administration, accounting, payroll, human resources, legal or information technology support services).

| March   Marc   | Description of role (e.g. purpose)   Nature of position (roles, functions, duties)   Provide Services to (e.g. category of information)   Do any of the exceptions apply?   Explanation as to why the exceptions apply   |
|--|--|
| Part of the control o | Regions compliance on high risk construction projects monitoring the implementation of site safety management plans, work atte hazard and risk assassments site inductions, Assists the project learn in reporting on project delivery performance, Ensure consistent application and utilization of business processes and systems.  Network Services Regions  Network Services Regions  Electricity Worker  Regions  Linformation but no opportunity to discriminate by using the electricity information (4.2.2(b)(i)(b))  (4.2.2(b)(i)(b))  Staff member has access to electricity information but no opportunity to discriminate by using the electricity information but no opportunity to discriminate |
| Part      | Regions information but no apportunity to discriminate   |
| Market Contains   Market Con   | Use basic hand tools and equipment.  Identify hardware and associate equipment.  Stock levels for vehicles and work site.  Operate support plant and equipment.  Lay underground cables.  Erecting, assembly or maintenance of public lighting systems/ poles and associated hardware.  Stringing and maintenance of overthead conducts and cables.  Installation of underground enclosures.  Notification to customers of system outages and interruptions on the network.  Read geographic maps.   |
| Page      | Appointment to operate heavy plant.  Appointment to operate heavy plant.  Information but no opportunity to discriminate by using the electricity information  |
| Demonstrate and promote Endower Contemptors where with the work faces. Communication shall be all which and faces. Interpretation of the production of the p | Regions  Stock levels for vehicles and work site. Assist in erecting and maintaining poles and associated hardware. Prepare site for support installation and operate support plant and equipment. Notification to customers of system outages and interruptions on the network. Inspect overhead structures and electrical apperatus. Conduct low voftage switching operations. Provide basic customer service in the field to visitors, Installateraphirmaintenance of equipment in hazardous conductions. Tree trimming functions near live low voltage conductors. Read and interpret project construction drawings/ schematics. Install and maintain low voltage overhead conductors and cables. Undertake commissioning procedures of low voltage apparatus and associated basic circuits.   |
| Regions  Traffic continued—stoppes.  Noticitation is o customers of system outages and intemptione on the nelsewit.  Noticitation is of positive continued on disease; schematics.  Noticitation is of positive continued on disease; schematics.  Noticitation of positive continued on the schematic of the continued on the schematics.  Noticitation of the schematics of the schematics of th | Regions  Demonstrate and promote Endeavour Energy's values within the work team. Communicate effectively and appropriately. Implement effective change management within their work team. Inspire and motive their work team to achieve set work tasks and goals. Take accountability for the results of their work team. Focus on broader business? Foranch objectives in the performance of their day to   |
| Regions  Demonstrate and promote Endeavour Energy's values within the work team. Communicate effectively and appropriately. Implement effective change management within their work team. Inspire and motive their work team. Inspire and motive their work team. Inspire and motive their work team. Focus on broader business / branch objectives in the performance of their day to day duties.  Network Services Regions  Network Services Worker  Distribution Powerline Worker  Refer Line Worker and Cable Jointer duties. Position can be a combination of inneworker and cable jointer duties depending on the area they are working in.  Staff member has access to electricity information Information but no opportunity to discriminate by using the electricity information but no opportunity to discriminate by using the electricity information (4.2.2(b)(0)(b))   | Regions  Traffic control — stop/go. Notification to customers of system outages and interruptions on the network. Conduct low voltage switching operations. Interpretation of project construction drawings; schematics. Jointing and terminating of high voltage underground cables. Install and maintain electrical equipment and associate hardware, including identification of faults and return to service. Notification to customers of system outages and interruptions on the network. Undertake commissioning procedures of apparatus and associated basic circuits. Installation of underground enclosures. Maintenance of underground cables, including diagnosis of faults and commissioning.   |
| Regions Worker Information but no opportunity to discriminate by using the electricity information (4.2.2(p)(pb))  | Regions  Demonstrate and promote Endeavour Energy's values within the work team. Communicate effectively and appropriately. Implement effective change management within their work team. Inspire and motive their work team to echieve set work toaks and goals. Take accountability for the results of their work team. Focus on broader business / branch objectives in the performance of their day to day duties.   |
| Alabanic Communication Communi | Regions Worker Ineworker and cable jointer duties depending on the area they are working in.  Information but no opportunity to discriminate by using the electricity information (4.2.2(p))(p))   |
| g Regions Powerline Worker  Information but no opportunity to discriminate by using the electricity information  | Network Services Regions Staff member has access to electricity Information but no opportunity to discriminate by using the electricity information (4.2.2(0)(0(b))  |

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|          |   |                                     |  |   |  |  |   | Staff sharing considerations  |   |
|----------|---|-------------------------------------|--|---|--|--|---|---|---|
| ID       | Function<br>(Branch)                      | Position Title<br>(PDs in function) | Description of role (e.g., purpose)  | Nature of position (roles, functions, duties)   | Provide Services to  | Information Access<br>(e.g. category of information)   | Do any of the exceptions apply?   | Explanation as to why the exceptions apply  | Other considerations  |
| 10       | Network Services<br>Regions               | Electrical Fitter Mechanic (EFM)    |  | Duties include: Read HV and LV drawings and geographic maps / project construction drawings / schemalics. Conduct ground line inspection and maintenance of poles. Inspect overhead structures and electrical apparatus. Conduct low voltage switching operations. Test low voltage switching operations. Test low voltage apparatus and basic circuits. Undertake routine maintenance on complex apparatus and associated circuits. Install and maintain public lighting systems, including diagnosis of faults and commissioning. Install and connect fixed wired electrical/electronic apparatus. Provide basic customer service in the field to visitors. Install/repair/maintenance of equipment in hazardous conductions. Diagnose and rectify faults in apparatus and associated basic circuits. Attend to breakdowns of apparatus and installations, Install and maintain electrical equipment and associated hardware. Installation, testing and repair of earthing system, Co-ordinate materials relevant to job/works package. Diagnose fault in low voltage cebles. |  | æ  | Staff member has access to electricity information but no opportunity to discriminate by using the electricity information (4.2.2(b)(i)(b)) |   |   |
|          | Network Services<br>Regions               | Leading Hand EFM                    |  | Reter EFM duties. In addition, duties include:  Demonstrate and promote Endeavour Energy's values within the work team.  Communicate effectively and appropriately.  Implement effective change management within their work team.  Inspire and motive their work team to achieve set work tasks and goals.  Take accountability for the results of their work team.  Focus on broader business / branch objectives in the performance of their day to day duties.  |  |  | Staff member has access to electricity information but no opportunity to discriminate by using the electricity information (4.2.2(b)(l)(b)) |   |   |
| 12       | Vetwork Services<br>Regions               | Technologist                        |  | Duties include: Installation of electrical equipment. Maintenance/refurbishment of electrical equipment. Diagnosis and repair of electrical equipment. Operation of electrical equipment, Interpretation of design, carry out design to ensure equipment utility, prepare works as executed drawlings and prepare test plans for electrical equipment.  |  |  | Staff member has access to electricity information but no opportunity to discriminate by using the electricity information (4.2.2(b)(i)(b)) |   |   |
|          | Vetwork Services<br>Regions               | Designer                            |  | Duties include: Preliminary design for substation upgrades Development of scope of work for quoting purposes (design and construction quotes)   |  |  | Staff member has access to electricity information but no opportunity to discriminate by using the electricity information (4.2.2(b)(i)(b)) | -   |   |
| 14       | sset Standards &<br>Design (Mains Design) | Designer                            | This role produces preliminary and detailed designs<br>for overhead and underground transmission lines   | Produce detailed meins designs and drawings Produce Safety in Design reports Contribute to the development of Project Definitions for SAMP Major Projects Develop prefirmary mains designs for substation upgrades and network improvements Development of scope of work for quoting purposes (design and construction quotes) Conduct and report on technical investigations for Network Planning, System Operations and regional field staff Develop detailed specifications to tender and procure major transmission mains overhead and underground assets Review ASP designs for Network Connections Produce Project Definitions for ASP projects (Network Connections)   | RESP: MOS, Level 3 Design 11kv to 132kv OH & UG Pole and Tower, Construction Support. DNSP: Mains Design (all cats), WAE Reviews, Consultation Reports and the like, Consultation Reports. | EE System Access: Network drawings System schematics   | Staff member has access to electricity information but no opportunity to discriminate by using the electricity information (4-2.2(b)(l)(b)) | Shared staff will not produce Project Definitions for ASP's and review designs from ASP's. Staff who perform these functions will not be included within the team made available for unregulated work   | The major aspect of concern is the Transmission Mains<br>Designer may be asked to review / approve and external<br>ASP L3 design performed by a competitor. To eliminate<br>any any opportunity to discriminate the recommendation<br>is to devolve this function to Customer Connections who<br>would approve and certify L3 designs without<br>consultation with the Transmission Designers.  |
| 15       | rojects & Programs                        | Project Manager                     | This role manages the project management, construction and commissioning of works upon hand over from Asset Management (regulated SAMP), Network Connections (Customer funded non-contestable works) and FSC (unregulated/field service contracting) | Responsibilities - Review Project Definitions for delivarability (not required if the quality of documentation is at acceptable levels) Review estimates prepared by Transmission Project Development and Mains Design Negotiate resources for internally delivered works Engage and manage contractors for externally delivered works Manage the construction and commissioning of works Submit network access requests for all works for allocated projects Manage closeout activities for allocated projects Currently managing invoicing for customer funded non-contestable works (as an interim arrangement pending agreement on a process across the company)  | Delivery of all sub-transmission projects  | Network Drawings Network Schematics Project Costing and budgeting Project and Portfolio Management System GIS System | by using the electricity information (4.2.2(b)(i)(b))   | provided after the client has approached the market for contestable works and<br>an ASP is appointed<br>3) May discriminate on quality of work by ASP i.e. may find faults with ASPs<br>works Vs EEs works - clearance for contestable works whether completed by<br>ASP or EE staff is provided by Network Connections branch and hence is once<br>removed | Projects & Programs PMs are not responsible / will not be responsible for negotiating comemorial terms for either FSC or customer funded non-contestable works. This will be the responsibility of bid manager in FSC and Project Managers in Network Connections respectively.  Decision about what is contestable or non-contstable is made by Network Connections branch in Asset Management which will not be shared  Due to their experience working on EEs network for a number of years, the PMs would be expected to be more efficient compared to their ASP counterparts, however, do not think would be able to discriminate and provide unfair advantage to EE FSC branch over their ASP competitors |
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### **Endeavour Energy - Information Register**

Purpose

This register is made publicly available in accordance with clause 4.3.5(a) of the AER Ring Fencing Guideline Electricity Distribution, November 2016.

The table below lists the legal entities that have requested access to information identified in clause 4.3.4(a), that is, confidential information that a DNSP shares with a related electricity service provider, and a description of the kind of information requested.

| ID | Legal entity | Category of information requested | Description of information* |
|----|--------------|-----------------------------------|-----------------------------|
| 1  |              |                                   |                             |
| 2  |              |                                   |                             |
| 3  |              |                                   |                             |
| 4  |              |                                   |                             |
| 5  |              |                                   |                             |
| 6  |              |                                   |                             |
| 7  |              |                                   |                             |

<sup>\*</sup> The description of information must be in sufficient detail to enable other legal entities to make an informed decision about whether to request that kind of information from the DNSP.

### **Endeavour Energy - Office Sharing Register**

**Purpose** 

This register is made publicly available in accordance with clause 4.2.4(a) of the AER Ring Fencing Guideline Electricity Distribution, November 2016.

The table below lists the offices which Endeavour has applied the exceptions to the physical separation obligation and provides details of the services and functions being provided from the shared offices, and access restrictions that are applied.

|        |        |   |   | Exception applied   |                                 |  |  |  |
|--------|--------|---|---|---|---------------------------------|--|--|--|
| ID     | Office | Description   | Staff/services utilising the office   | Offices for staff who, in the course of their duties, do not have access to electricity information, have access but do not have an opportunity to discriminate or only have access to the extent necessary to perform non-electricity services (4.2.1(b)(i)) | Regional office (4.2.1(b)(iii)) |  |  |  |
| 1      |        | Parramatta depot is currently ring-fenced from offices of DNSP staff who cannot be shared and has the capacity to accommodate the dedicated RESP staff.   | RESP staff working in the area of Field Service Contracting and Nightwatch as well as Endeavour shared operational staff with no access to confidential electricity information or opportunities to discriminate. | Yes   | No                              |  |  |  |
| 2      |        | Hoxton Park is a shared site between DNSP employees and AE staff. All employees dedicated to AE services are housed in a separate building which can be ring-fenced from the remaining operations at the site. There are no shared office spaces that are expected to complicate access arrangements. | RESP staff working in the Transformer Workshop  | Yes   | No                              |  |  |  |
| 3      |        |   |   |   |                                 |  |  |  |
| 4      |        |   |   |   |                                 |  |  |  |
| 5<br>6 |        |   |   |   |                                 |  |  |  |
| 7      |        |   |   |   |                                 |  |  |  |

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