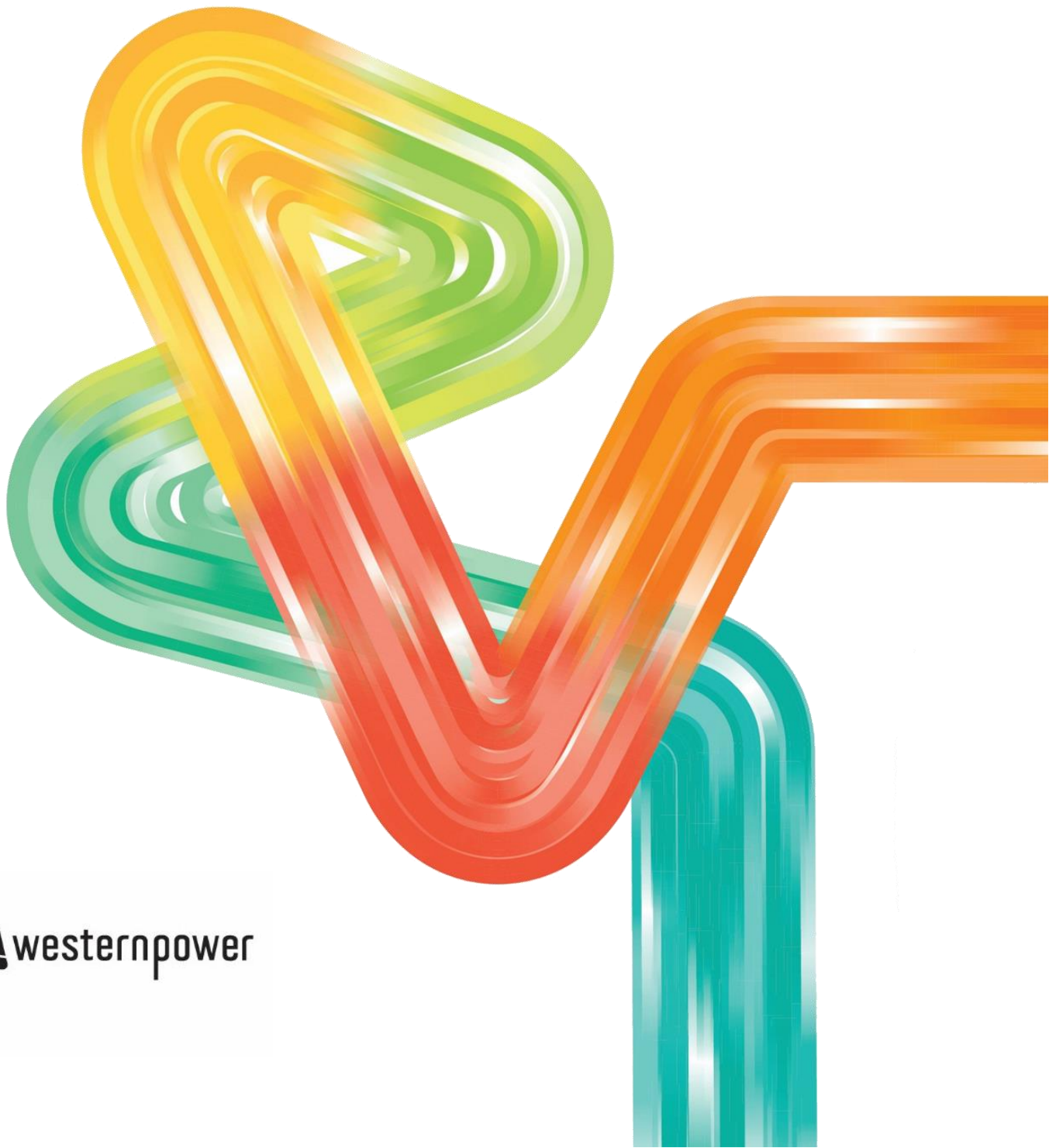


# Application to amend the existing licence boundary area of Electricity Distribution Licence (EDL1)

18 July 2025



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Application to amend the existing licence boundary area of Electricity Distribution Licence (EDL1)

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# Licence Amendment Application

## Electricity Distribution Licence (EDL1)

### Introduction

Electricity Networks Corporation (t/a Western Power) is seeking amendment of its existing Electricity Distribution Licence (EDL1) to extend the geographical licence boundary to include a small area in the Mount Holland vicinity where a Western Power telecommunication tower is to be constructed. Western Power was issued with its current Licence EDL1 in 2006, and the licence remains valid for 30 years.

### Background

Western Power is seeking to develop a telecommunications site located outside the current Western Power approved licence area, designed to facilitate the Synergy King Rocks Wind Farm Connection. Synergy plans to build the King Rocks Wind Farm, approximately 35 kilometres north-east of Hyden townsite in the Western Australian Wheatbelt, consisting of up to 17 wind turbines generating up to 103MW.

This telecommunications site is a key part of the Western Power strategy to meet Technical Rule compliance requirements by establishing a diverse communications path, which is essential for enabling fast protection grade schemes. These protection schemes are critical as they ensure rapid fault response, thereby safeguarding the network infrastructure and other customers assets. Importantly, this telecommunication network will be owned and operated by Western Power and funded via a shared asset arrangement between Synergy and Western Power.

### Description of the applicant's structure and key organisational relationships

Western Power is a Western Australian State Government owned corporation. Its purpose is to connect people with electricity in a way that is safe, reliable and affordable. It builds, maintains and operates the electricity network in the south west corner of Western Australia. The Western Power Network forms the vast majority of the South West Interconnected Network (SWIN), which together with the electricity generators comprises the South West Interconnected System (SWIS).

Western Power is governed by an independent board and reports to the Western Australian Minister for Energy as the owner's representative. Western Power operates depots and offices throughout the SWIS region including a head office in Wellington Street, Perth.

Western Power does not generate or retail electricity, nor does it operate in non-SWIS areas of Western Australia. As such, Western Power maintains key organisational relationships with Synergy - who are responsible for generation of and is a retailer of electricity, and Horizon Power- who are responsible for the generation, transmission, distribution and retail of electricity outside the SWIS.

### Financial and technical resources of the applicant

This application concerns an amendment to the Electricity Licence Area under Western Power's Licence EDL1. There are no changes to the financial or technical resources of the licence holder.

## Service model

Western Power is seeking an extension to its existing Licence EDL1. This extension request only entails a geographical extension of Western Power's operating area while all other rights and obligations contained within the licence remain unchanged. It is expected that the service provided to Synergy will align with current Western Power practices.

## Description of service infrastructure

The location of Synergy's King Rocks Windfarm substation (point of connection) is close to the Kondinin-Bounty (KDN-BNY 81) line, fed from Kondinin substation.

### Scope of Initial Connection – Enabling Works:

- Surveys (Geo-tech, noise, underground, topographic), environmental approvals, permits, community engagement.
- King Rocks 132kV Substation (KRK): Establish a new customer connection substation with 132kV line disconnector, relay room, protection, automation, communications and metering. Modify Run-back/NRS scheme with microwave links.
- Merredin Terminal (MRT): Modify Run-back/NRS scheme with microwave link between MRT-KRK using diverse paths.
- Collgar Terminal (CGT): Establish communications link between CGT-KRK for 220kV inter-trip schemes using existing microwave and powerline carrier.
- Kondinin Substation (KDN): Install new 250MVA transformer, extend 220kV Busbar, modify 132kV circuits, install new primary equipment, earth grid, protection, automation, and perform station supply AC/DC load arrangements.
- Telecommunication Sites: Build 2x new telecommunication towers at Karlgarin and King Rocks, modify existing sites (Mount Hampton, Moorine Rock, Hyden, Kulin West, Collgar, Merredin).
- Electronic Security (KRK & KDN): Install security management system, CCTV, and uninterrupted communication link.

### Scope of Final connection – Enabling Works:

- Surveys (Geo-tech, noise, underground, topographic), environmental approvals, permits, community engagement for new Telecommunication tower sites.
- Telecommunications – New Sites: Build 3x new telecommunication towers at Mt Holland, Forrestania, Bounty S/S. Establish microwave link from KRK to BNY via diverse paths (Mt Holland and Forrestania).
- Only the Mt Holland telecommunication tower is outside the current Western Power licence boundary area. The cost for the telecommunication tower and access road is included in the total estimated works budget.

## Description of the proposed area for the works

The site of the communication tower in Mt Holland is approximately 2.6 kms outside the current Western Power approved licence area (coordinates – 32.06796° South, 119.50864° East) and approximately 400 kms east of Perth. The proposed location is within the road reserve for King Ingram Road but will not impact on the effective usage of the road, as the tower location is approximately 100 metres from the road. The additional area to be added to the EDL1 operating area is contained within the King Ingram Road reserve.

This application is to seek the extension of the EDL1 operating area by approximately 550,700 M<sup>2</sup> as shown in the attached Western Power operating licence area maps.

### **Regulatory approvals and environmental studies**

Western Power is the holder of Statewide Purpose Permit CPS 1918/11 granted under section 51E of the Environmental Protection Act 1986. Under this permit, Western Power, as the permit holder, is permitted to clear native vegetation for project activities, including the construction of the Mt Holland communication tower and the associated access road.

Prior to clearing any native vegetation, Western Power is obliged to comply with a number of conditions including assessment procedures and principles as set out in the permit. In accordance with the permit, a recent biological survey was undertaken by a consultant which found the vegetation to be cleared did not represent a Threatened Ecological Community and did not identify any significant flora species. A Clearing Desktop Report (CDR) is to be prepared and based on the findings of the survey, is unlikely to be at variance with any of the clearing principles.

### **Stakeholder engagement and public consultation**

Western Power's Community & Stakeholder Relationships area has confirmed that to the best of their knowledge, the proposed extension of the EDL1 operating area comprises the following:

- One road reserve (King Ingram Road)
- One mining tenement (ID: L77/313).
- No towns and communities were found in the proposed extension area.
- The proposed area includes the following localities:
  - Skeleton Rock
  - Mt Holland

Horizon Power has been consulted about the proposed extension of the EDL1 operating area into the Horizon licence area, as have the Shire of Yilgarn (road reserve), the holders of the mining tenement and the Ballardong Aboriginal Corporation. Positive responses have been received from Horizon Power, the Shire of Yilgarn and Ballardong Aboriginal Corporation, and to date no objections to the proposed extension of the EDL1 operating area have been received by Western Power.

### **Project finance**

The project shared asset costs will be recovered by Western Power through a combination of upfront customer contributions and incremental revenue.

### **Licence amendment**

Pursuant to clause 3.1 of Western Power's Distribution Licence (EDL1), Western Power requests that the Authority amend the licence area specified under Schedule 2 for EDL1 as per the enclosed maps.





## Western Power License Area

Date: 18/07/2025

### DISCLAIMER NOTE

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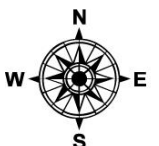
Based on Information provided by and with the permission of the Western Australian Land Information Authority (2025).

This map is indicative only and for discussion purposes. Western Power reserves the right to select a line route(s)/site(s) that is different to the route(s)/site(s) shown on this map.

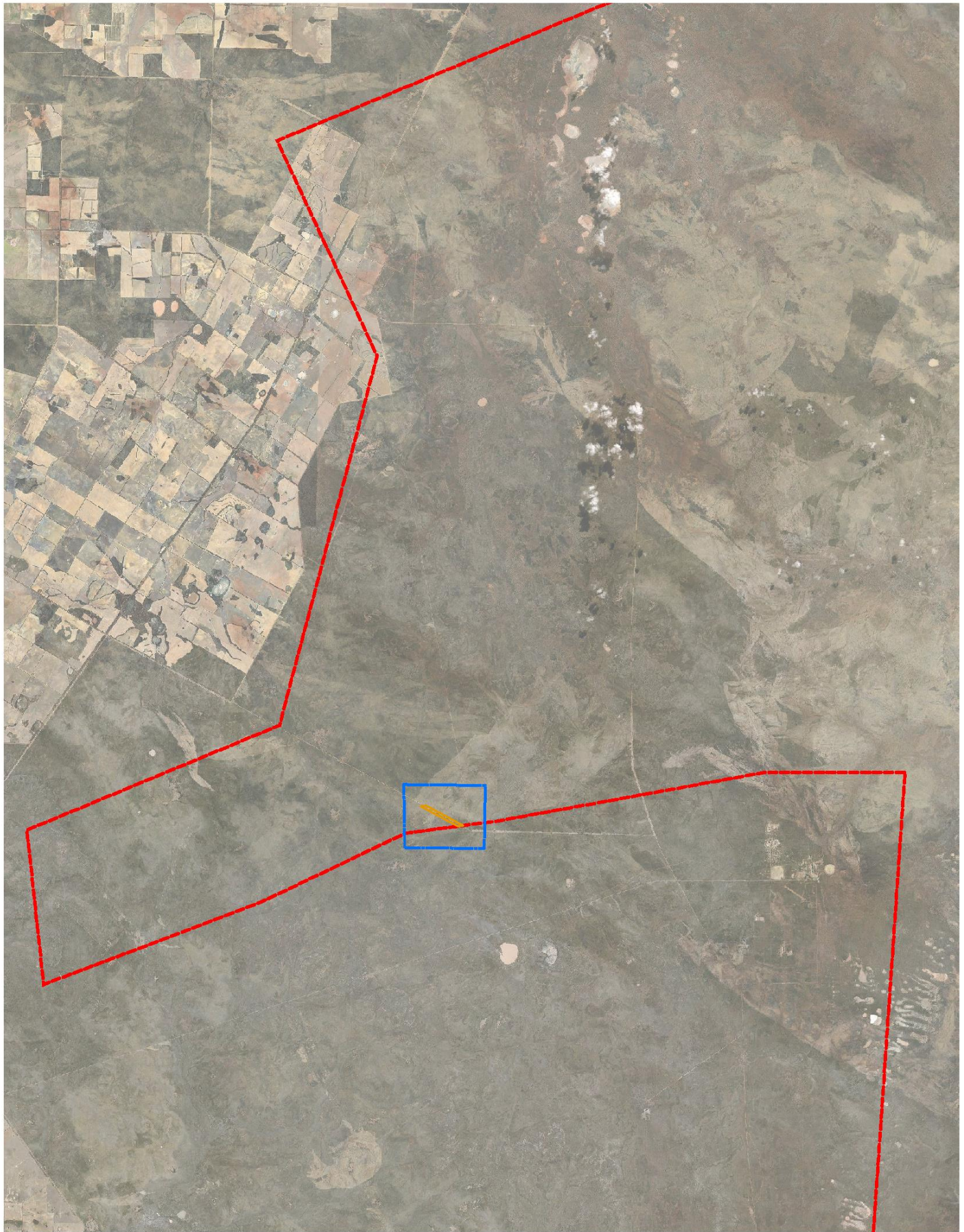
Legal, topographical, environmental, political, local, geological and/or other issues may dictate a need for an alternative line route(s)/site(s).

### Legend

- Area\_of\_interest
- ERA EDL 1







Date: 5/05/2025

**DISCLAIMER NOTE**




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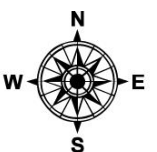
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## Western Power Licence Area

**Legend**

-  Approved Licence Area
-  Area of Interest
-  Adjusted Licence Area







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#### Legend

-  Mt Holland - Tower Location
-  Adjusted Licence Area
-  Approved Licence Area
-  Road Reserve
-  Roads / Tracks & Fire Breaks

## Western Power Licence Area Extension



Date: 5/05/2025

