

Applicant Details

Applicant Details	
Name	Electricity Networks Corporation (t/a Western Power)
Registered Office (if a Corporation)	As above
Principal Place of Business (if different from Registered Office)	As above

Contact Details	
Primary Contact Name	Margaret Pyrchla
Mail Address	363 Wellington Street Perth WA 6000
Email	
Telephone	
Mobile	
Fax	

Company Structure	
ABN or ACN	18 540 492 861
Legal Nature of applicant	Statutory body corporate created under the Electricity Corporations Act 2005
Place of Incorporation	Western Australia

Amendment Details	
Licence No	Electricity Distribution Licence 1
Reason for and Details of the Amendment	<p>Electricity Networks Corporation (t/a Western Power) (Western Power) is seeking amendment of its existing Electricity Distribution Licence (EDL1) to extend the geographical licence boundary to include an area in the Mount Gibson vicinity where a Western Power customer, Top Iron Pty Ltd (Top Iron), has requested an electricity connection point. Western Power was issued with its current EDL1 in 2006, and the licence remains valid for 30 years.</p> <p>1. Background Western Power has been approached by a customer, Top Iron, seeking a connection point outside Western Power's current distribution licence boundary area. Top Iron is a privately owned company incorporated in 2010. As part of its operations, Top Iron has established an exploration program and purchased tenements at Mummaloo (E59/1694), Hong Kong Reward (E59/1695), Wongan Hills (E70/4089), Yalgoo (E59/1816), Goldsworthy (E45/3106), Miss Fairbairn (E69/2880) and Yandeyarra (E47/2206, E47/2208, E47/2209).</p> <p>Top Iron initially liaised with Horizon Power to investigate the feasibility of a connection from the Horizon Power network. The option provided by Horizon Power proved to be both cost prohibitive and, as the solution offered was a stand-alone solar plant, would not meet Top Iron's reliability requirements.</p> <p>As Western Power currently has distribution infrastructure in the vicinity of the area, it was assessed that a connection point to Western Power's interconnected network would be the most practical option for Top Iron. A technical planning study was completed to ascertain whether Western Power infrastructure could support the new connection. The study concluded that Top Iron could be connected to the Western Power network via a 25km extension from the 33kV network, located 2km south west of the Mount Gibson goldmine. The majority of the new infrastructure would be installed within the existing approved licence boundary area. However, due to the location of the customer's required connection point, the final 7km would extend beyond the bounds of the current licence area.</p> <p>Note: Add more space as necessary</p>

Amendment Details	
Licence No	
Reason for and Details of the Amendment	<p>2. A 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).</p> <p>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.</p> <p>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 and is a retailer of electricity, and Horizon - who are responsible for the generation, transmission, distribution and retail of electricity outside the SWIS.</p> <p>3. Financial and technical resources of the applicant This application concerns an amendment to the Electricity Licence Area – Distribution under Western Power's EDL1. It does not involve changes to the financial or technical resources of the licence holder.</p> <p>4. Service model Western Power is seeking an extension to its existing 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 Top Iron will align with current Western Power practices.</p> <p>Note: Add more space as necessary</p>

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Reason for and Details of the Amendment	<p>5. Description of service infrastructure The power supply requested for this project is 3.3MVA. Due to limited transmission capacity of the conductors at Moora substation, Western Power proposes to offer a non-reference service with a load curtailment scheme to Top Iron until such time as the conductors at the substation are upgraded. Top Iron has accepted the non-reference service offered by Western Power.</p> <p>i. A description of service infrastructure/works involved The proposed project involves the following:</p> <ul style="list-style-type: none"> • The installation of 23kms of overhead conductor to customer location from pole MG629 to be fed off the Moora substation MOR 610 Dalwallinu feeder. • The installation of a 150A voltage regulator at pole W361 and a 100A voltage regulator at pole MG276. • The installation of load rejection recloser on the output side of the 150A voltage regulator. • The installation of a load curtailment control scheme to be activated under contingencies of Moora substation 132/33kV transformer. <p>ii. A description of the proposed area for the works The area in which the works are proposed is 350km north-east of Perth. The area is predominantly used for mining which is also the purpose of the new connection. The remaining area is undeveloped. All properties in the affected area are designated Crown Land which may contain mining leases. A 100 meter wide service corridor has been provided by Top Iron and registered as an infrastructure corridor with the Department of Mines and Petroleum to ensure continued access to the power-line for the duration of the asset's life.</p> <p>iii. Proposed route During the process of applying for its miscellaneous licence issued by the Department of Mines and Petroleum on 17 October 2013, Top Iron engaged with affected stakeholders to discuss its application. Top Iron was not able to gain approval from the adjacent tenement holder to put the proposed line through its parcel of land. As a result, the proposed route is not the most direct route to the Top Iron site however it is located within Top Iron's mining tenement licence. The current route has been approved by the Department of Mines and Petroleum.</p> <p>Note: Add more space as necessary</p>

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Reason for and Details of the Amendment	<p>6. Regulatory approvals and environmental studies Western Power is the holder of state wide Purpose Permit CPS 1918/4 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 new overhead distribution lines.</p> <p>Due to constraints imposed on the line route selection process by surrounding land uses (mostly mining tenements) and the surrounding area being almost entirely vegetated, clearing cannot be minimised. Furthermore, the project is located in a high fire risk area and requires the maximum corridor to be established for the 33kV line to ensure safe operation of the line.</p> <p>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 preliminary environmental impact assessment (PEIA) report was prepared. The PEIA indicated no impacts of the proposed clearing likely to be at variance or seriously at variance with the clearing principles set out in the permit. On this basis, Western Power is not required to invite submissions from any affected parties prior to the granting of Clearing Permit CPS 1918/4-269 and no further regulatory approvals are required.</p> <p>Environmental studies have been undertaken including aboriginal consultation, flora/fauna and anthropological studies. These studies included a flora and fauna survey and report and an Environmental Impact Assessment report completed by an independent consultant. No threatened flora species were identified. Further, the Environmental Impact Assessment found the proposed work as unlikely to impact threatened species which are known to occur, or may occur in the proposed area (copies of these reports can be provided if required).</p> <p>Top Iron holds Miscellaneous Licence 59/132 for the proposed power line route. This licence grants Top Iron the necessary permission to construct the power line within the proposed area. Part of the application process for the grant of the licence required all affected land owners be notified of and given an opportunity to object to the proposed use of the area and granting of the licence.</p> <p>Western Power does not anticipate any complaints with regards to the distribution line extension. However, should any complaints be raised, such matters would be managed via Western Power's complaints resolution system.</p> <p>Note: Add more space as necessary</p>

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Reason for and Details of the Amendment	<p>Due to the existence of the Western Power Purpose Permit and the existence of the customer's own mining tenement miscellaneous licence, no further regulatory approvals are required for the proposed works.</p> <p>7. Stakeholder engagement and public consultation A condition of a mining tenement licence being issued is that adequate stakeholder engagement be conducted prior to its issue. Top Iron sought comments from relevant landowners and other stakeholders affected by its application. Subsequent feedback from an adjacent mining tenement licence holder resulted in Top Iron amending the route of the proposed power line to avoid encroaching upon that tenement. Western Power has accepted the issuing of Top Iron's miscellaneous licence and Western Power's Purpose Permit as satisfying the requirement of appropriate public consultation and stakeholder engagement.</p> <p>8. Western Power's experience as a licensed transmitter and distributor of electricity Western Power has been a licensed transmitter and distributor of electricity since the issue of its transmission and distribution operating licences (ETL2 and EDL1) by the Economic Regulation Authority. Western Power is licensed to conduct its business within the SWIS until 29 March 2036.</p> <p>9. Project Finance [REDACTED] Western Power will recover the remainder of the outstanding estimated capital costs through incremental revenue resulting from the completion of the project.</p> <p>10. Licence Amendment Pursuant to clause 10 of Western Power's EDL 1, Western Power requests that the Authority amend the licence area specified under Schedule 1 of EDL 1, as per enclosed map ERA-EL-072-B.</p> <p>Note: Add more space as necessary</p>

Certification – Acknowledgement of Commitment

I declare that the information provided in this application is correct to the best of my knowledge and I am aware of the requirements under the Act for the licence being applied for and that I have the authority to make this application on behalf of the above entity.

Signed by or on behalf of the applicant⁸.

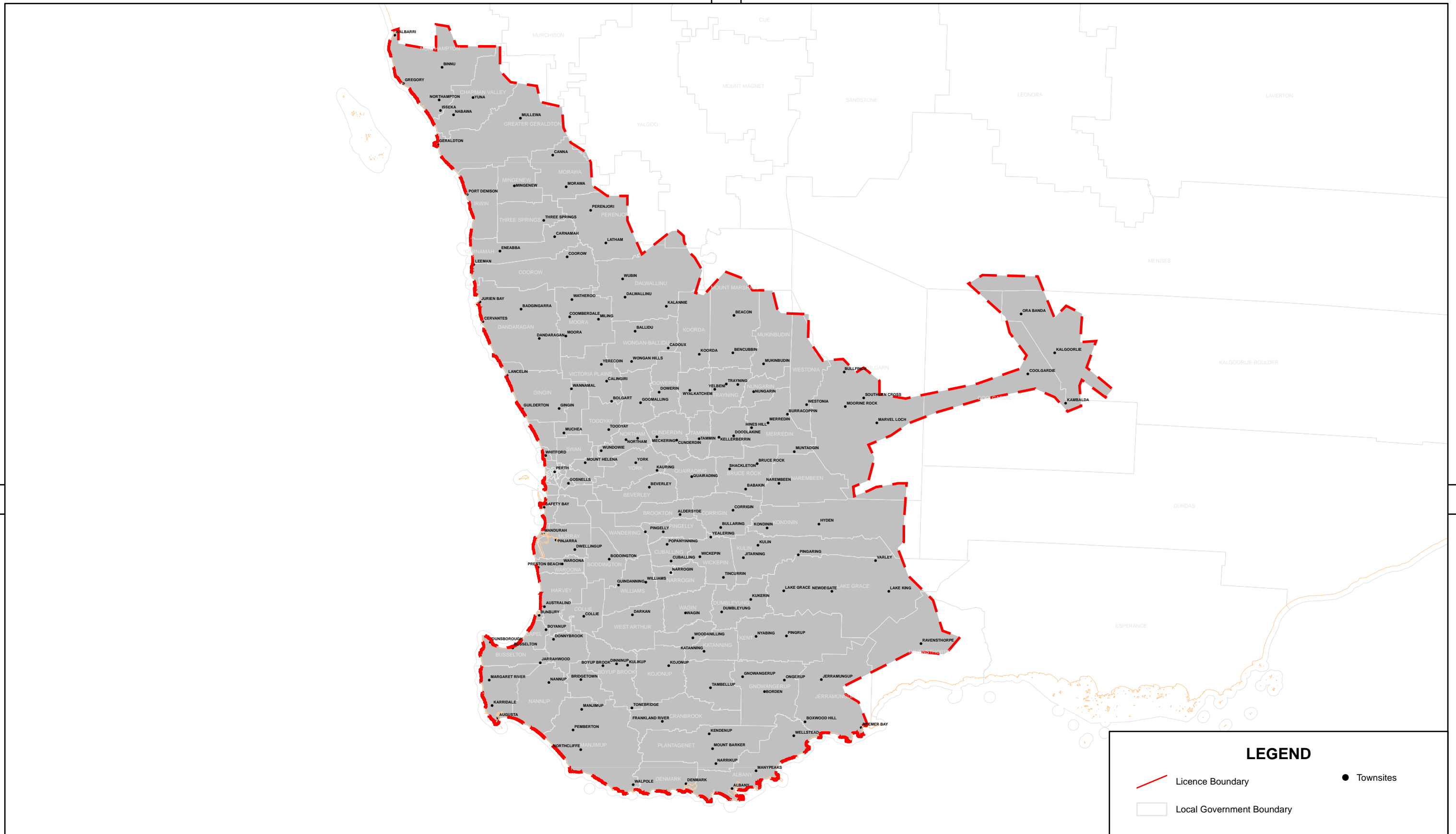
Name: Stewart Hart.....

Position: A/ Chief Executive Officer.....

Signed: .....

Date: 25 March 2014.....

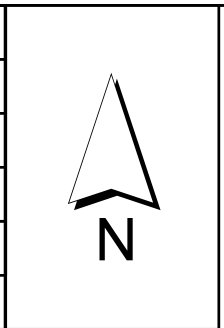
⁸ If signed on behalf of the applicant, please attach the relevant authority to bind the applicant.



LEGEND

- - - Licence Boundary ● Townsites
 Local Government Boundary

DATE	No.	DESCRIPTION	DRN	CHK	APR				



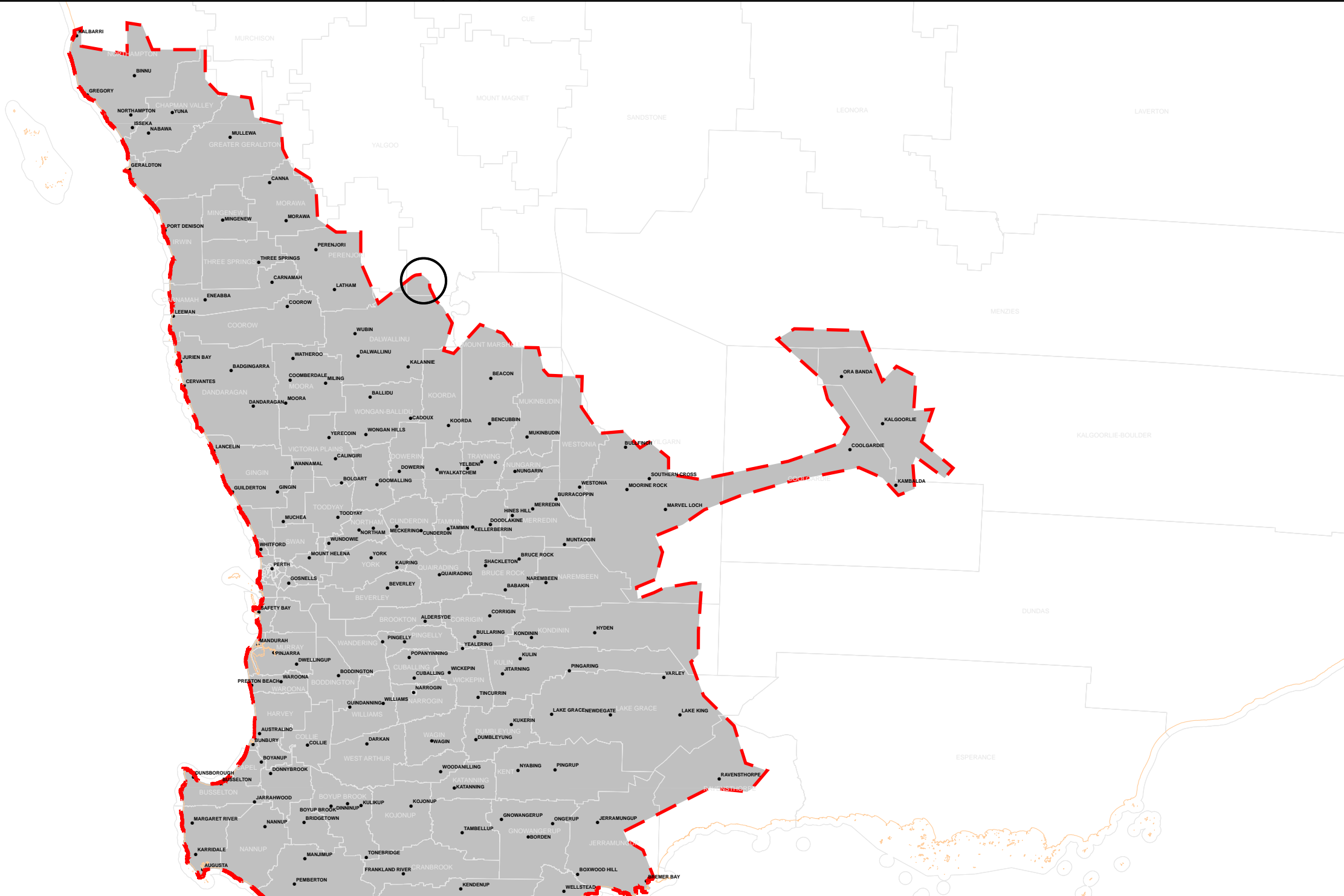
APPROVED:

**CHAIRMAN
ECONOMIC REGULATION AUTHORITY**

Date: _____

**ELECTRICITY INDUSTRY ACT 2004
ELECTRICITY LICENCE AREA
DISTRIBUTION
LICENSEE: Electricity Networks Corporation**

DRAWN Electricity Networks Corp	CHECKED	APPROVED	PLAN No.
FILE No. DMS# 11624085	SCALE	DATE	ERA-EL-072
			B
			A3



LEGEND

— Licence Boundary ● Townsites
 Local Government Boundary

22/03/2012	A	Modified Electrical Licence to Cover Randall Gold Mine Feeder in Kalgoorlie			
07/05/2012	A	Removed Network Extents and Towns to show boundary relative to Local Govt			
17/01/2013	B	Modified Electrical Licence Boundary to cover Mummaloo Iron Ore Feeder in Yalgoo			
DATE	No.	DESCRIPTION	DRN	CHK	APR



APPROVED:

**CHAIRMAN
ECONOMIC REGULATION AUTHORITY**

Date: _____

**ELECTRICITY INDUSTRY ACT 2004
ELECTRICITY LICENCE AREA
DISTRIBUTION
LICENSEE: Electricity Networks Corporation**

DRAWN Electricity Networks Corp	CHECKED	APPROVED	PLAN No. ERA-EL-072	ISSUE B	ORG SIZE A3
FILE No. DMS# 11682415	SCALE	DATE			