



RENEWABLE ENERGY ZONE FACTSHEET

About the Renewable Energy Zone boundary

Who is Powerlink?

Powerlink is a Government Owned Corporation that owns, develops, operates and maintains the transmission network in Queensland.

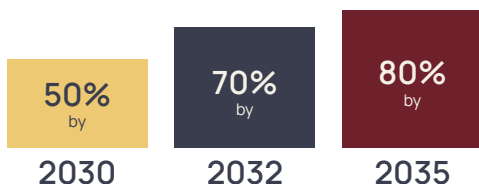
We connect Queenslanders to a world-class energy future, providing electricity to more than five million Queenslanders and 253,000 businesses. We are also responsible for connecting large-scale renewable energy developments, including wind and solar, and providing electricity to large industrial customers in the rail, mining and LNG sectors.

Powerlink is working with the Queensland Government to create Renewable Energy Zones (REZs) to help meet our energy needs by connecting Queenslanders to renewable energy in the most coordinated and cost-effective way.

REZs are critical to ensuring Queenslanders have access to reliable, affordable energy in the long term, as well as creating regional job opportunities, lowering emissions and delivering benefits for host communities.



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Renewable Energy Targets



What is a Renewable Energy Zone?

A Renewable Energy Zone (REZ) is a geographic area which has a high amount of renewable energy resources, like sun and/or wind, and is in a location that has hosting capacity in the nearby transmission network.

These factors, combined with others, make the area an optimal location for renewable energy generation and connection into Powerlink's transmission network.

What is hosting capacity?

Hosting capacity refers to available energy capacity in the transmission network which will allow connection of a new renewable energy company's project without the need for a network upgrade.

What is the purpose of a Renewable Energy Zone boundary?

The REZ boundary will show Powerlink and the Queensland Government's preferred area for renewable energy development.

The REZ boundary shows where potential development may occur.

Generation and transmission infrastructure will be built to meet the REZ capacity and will not be across the entire area within the REZ boundary.

Powerlink acknowledges the Traditional Owners and their custodianship of the lands and waters of Queensland and in particular, the lands on which we operate. We pay our respect to their Ancestors, Elders and knowledge holders and recognise their deep history and ongoing connection to Country.



SAFE FOR LIFE
Everyone. Everywhere. Everyday.

How do we define a REZ boundary?

Powerlink, in its capacity as REZ Delivery Body, has developed a multi-criteria analysis approach to identify a REZ boundary.

The REZ boundary identifies the geographic area for a declared REZ. The **REZ transmission network** is included within this area.

The boundary indicates an area Powerlink and the Queensland Government prefer for renewable development and is informed by considering environmental, social and economic factors.

As part of the process for declaring a REZ, Powerlink will prepare a REZ management plan for each individual REZ. The REZ management plan will include the proposed REZ boundary and will be published for a period of public comment before the REZ is declared.

What is the REZ transmission network?

The REZ transmission network is transmission infrastructure that is located within the REZ and is the transmission infrastructure that eligible renewable energy companies will connect to so they can participate in the REZ.

What is a multi-criteria analysis approach?

In determining REZ boundaries, several factors are considered. These include:



Proximity to the renewable resource/s



Proximity to the REZ transmission network



Environmental values



Social values

By considering all these factors, Powerlink seeks to balance energy production, environmental considerations and social impacts when determining the REZ boundary.



How might a REZ boundary affect me?

A REZ boundary can be understood differently by different groups.

| For local community members | For landholders and Traditional Owner groups | For renewable energy companies |
|--|---|--|
| <ul style="list-style-type: none"> » The REZ boundary is Powerlink and the Queensland Government's preferred area for renewable energy development and has been informed by the findings of a multi-criteria analysis. » The REZ boundary can assist in guiding coordinated community benefits. » Projects within the REZ boundary are still subject to all environmental and planning approvals. » The REZ boundary can also be informed by the Queensland Government's REZ Readiness Assessments, which identify potential cumulative impacts and opportunities a REZ might bring to an area. Scan the QR code for more information on REZ Readiness Assessments. <div style="text-align: center; margin-top: 10px;">  </div> | <ul style="list-style-type: none"> » Living within a REZ boundary doesn't necessarily mean that a renewable energy project will be developed on your property. Rather, it indicates that your property is situated in a desirable area where developers might reach out to you. » Shared REZ transmission network in declared REZs leads to scale-efficient and coordinated infrastructure to minimise impacts on landholders who live in an area where renewable energy projects are likely to be developed. | <ul style="list-style-type: none"> » The REZ boundary indicates the area Powerlink and the Queensland Government consider to be the preferred area to build a renewable energy project. » The REZ transmission network will always sit inside the REZ boundary and is shown in the REZ management plan for each declared REZ. » An eligibility process will apply for all renewable energy projects and companies seeking to connect to the REZ transmission network. |



Further information

The Queensland Renewable Energy Zone Roadmap



Powerlink's Renewable Energy Zone webpage



The information in this factsheet is based on the current information available to Powerlink. It remains subject to change, and Powerlink disclaims any liability in relation to the information in this factsheet.

