



# Shaping Wiluna's future energy system

Horizon Power is committed to delivering reliable and safe energy to our customers. We are striving to make that energy supply an increasingly cleaner and greener service for our communities.

To provide a future energy system that reflects the values of its community, we have introduced a new process known as Integrated Resource Planning (IRP). The IRP process is about engaging with our communities and stakeholders to look at ways that we can introduce a new energy system that considers their needs. The long-term IRP process is a new approach to major decision making that affects the regions. It involves early engagement and proper planning. Your thoughts will help us plan the transition to a new energy system best suited to powering your community in the future.

## **How do we currently deliver electricity?**

To service the community, Horizon Power buys electricity from a company that specialises in generating power. We then use our network to supply electricity to all houses and businesses throughout our town.

*Owned by the  
people of WA*

**HORIZON**  
POWER

## How is Horizon Power working to improve the energy system?

With the aim of supplying cleaner and greener energy, we are exploring renewable electricity such as solar and wind generated energy options. The cost of renewable electricity is now similar to the cost of traditional energy sources including diesel powered electricity generation.

We are focused on gathering the community's thoughts on using renewable energy sources, such as solar power, in order to assist us in delivering optimal solutions. Understanding the community's views on its energy needs and how our suppliers can meet those needs will enable Horizon Power to make the best possible decisions for the community.

Horizon Power is committed to providing innovative customer solutions to lead the energy transition and has recently received a Commonwealth Grant which will underpin the IRP process, to assess the future energy system of nine Mid West, Gascoyne and Goldfields towns. The funding has allowed us to accelerate the feasibility of 100% renewable energy, support local suppliers and regional job growth, and will also help us meet our goals of improving customer access to renewable energy and achieving grid-based renewables across 100% of our systems by 2030.

## What do we need to deliver renewable energy to Wiluna?

More areas of land are needed to generate renewable electricity. There are many factors that determine a suitable location for renewable energy infrastructure, and we are currently looking at available land that is close to the existing power station and meets the criteria for an optimal footprint.

## What is the process from here?

The IRP process includes engaging with the community, analysing available options, providing updates to the community and ultimately implementing a plan. The next steps are to assess the current assets at the existing power station, undertake engineering and financial modelling for options analysis, and identify suitable land. The insights and feedback we receive from the Wiluna community will be taken into consideration when shortlisting the solutions, and we will keep the community updated as the pathway to a renewable future is revealed.

## About us

Horizon Power is owned by the people of Western Australia and provides electricity to regional and remote homes, businesses and communities. We are passionate about what we do, and strive to ensure our customers, in towns and communities throughout the 2.3 million square kilometres we service, receive safe and reliable power. This makes us responsible for the largest geographical catchment of any Australian power provider.

We operate 38 power systems, including 32 microgrids tailored to meet the unique needs of some of the most isolated and remote communities in the world. Horizon Power is making significant investments in developing its renewable energy capability and expertise. We are focused on delivering cleaner, greener customer-focused energy solutions which drive regional growth and vibrant communities and significantly reduce our carbon footprint.

## Contact us

We would love your feedback on this, or any other initiative Horizon Power is undertaking.

Please contact your local Horizon Power office or the Integrated Resource team.

[IntegratedResourcePlanning@horizonpower.com.au](mailto:IntegratedResourcePlanning@horizonpower.com.au)

Find us on      [horizonpower.com.au](https://horizonpower.com.au)

