

Bundey Data Centre

Sustainable, long-term development for South Australia and the Regional Council of Goyder



About IREN

IREN began in 2018 with a vision: to create the real-world infrastructure needed to support the growing digital world. Founded in Australia, we operate data centres that strengthen rural communities while stewarding natural resources. IREN is a publicly listed company on the NASDAQ, providing computing capacity to technology leaders like Microsoft, NVIDIA, Together AI, Perplexity and Figure AI.

KEY FACTS

Bundey Data Centre

- Capacity: 800MW total
- Size: 1,300+ acres
- First Energisation Expected: 2028
- Construction Jobs Expected: 500+
- Operations Jobs Expected: 200+

As businesses, governments, community services, industry research and development and the public use more data and digital services than ever before, local data centres are increasingly important to support our economy and everyday lives.

Why IREN is Different



IREN is vertically integrated. We develop, build, own and operate our data centres—owning the high-voltage substation all the way to the computing chips.



We partner with communities, hiring staff and local businesses from across the region where possible, providing upskilling opportunities, and investing up to \$250,000 per data centre each year through our Community Grants Program.



We strategically choose rural sites with abundant, low-cost power, reducing strain on energy grids and communities.



IREN uses modern cooling technology that reuses water in a closed loop to minimise water use.



"IREN's proposed Bundey campus represents a significant investment in our state, with the potential to create hundreds of construction jobs, support long-term skilled roles, and strengthen South Australia's position as a technology and innovation hub for the Asia-Pacific region."

South Australia Premier, Peter Malinauskas

What You Should Know

Power

IREN will fund all connection infrastructure, and we expect no additional network costs to power the 800MW load. We will also make substantial Transmission Use of System (TUOS) payments, which will help reduce transmission costs for South Australian households and businesses.

On-site backup power generation is included in the project design. In the event of an energy grid emergency our Bundey campus can go offline, to prioritise the power needs of critical local services and households.

Land

The project site is on private land. Of the approximately 1,300-acre site, only around 15% will be used for the data hall buildings, with the rest used for ancillary buildings, laydown areas, roads and environmental buffers.

Water

IREN designs its facilities with modern cooling technology to minimise water use. Our Bundey campus will not consume water for cooling on an ongoing basis. Unlike evaporative cooling systems used by some data centre providers, our cooling system reuses water in a closed loop. Think of it like a car radiator — another closed system that reuses water for cooling.

The project will be built out progressively, during which approximately 3 megalitres of water (roughly 1 Olympic-sized swimming pool) will be required every 6 months until the initial fill for our closed-loop system is complete. After the initial fill, less than 1% of our cooling system capacity will be topped up through annual maintenance.

Noise and Visual

The Bundey data centre is located approximately 5km from the nearest residence, such that its noise and visual impacts will be minimised.



How IREN Supports Communities



Jobs and Upskilling

Digital services are the growth engine of today's economy, and rural areas can directly benefit. IREN hires locally wherever possible and provides training and upskilling opportunities.



Local Spending

Construction and long-term operations generate increased activity at shops, restaurants, hardware stores and more, creating ripple effects throughout the local economy.



Community Funding

IREN's Community Grants Program contributes funds to local programs on an annual basis to support community priorities.

"Before IREN stepped in, we were cooking without proper air conditioning. Their donation didn't just fix a problem, it transformed how we serve our clients every day."

Nancy Simpson, Childress Meals on Wheels (USA)

"IREN's commitment goes far beyond funding. Their employees are out here volunteering, maintaining our fields, and supporting the kids at games. Their families are part of our league, and that's what makes the difference."

Chad Hall, Childress Little League (USA)



IREN Data Centre in Childress, Texas.

Pictured top:
IREN's 2025 Community Grants Reception in Childress, Texas.

SPOTLIGHT

IREN's Childress Data Centre Texas USA

In Childress, Texas, IREN is hiring locals, funding schools and supporting small businesses. The site employs over 170 people in full-time, long-term roles. IREN supports 15 local programs with community grants, deepening the local bonds that IREN has built over several years of construction and operations. The site is expected to generate around \$80 million annually in total economic output for the Childress area once fully operational.



"Being from Childress, it means a lot to work for a company that genuinely invests back into the place I call home. You see the impact every day, and you feel like you are part of something bigger than just a job."

Oscar Juarez, Operations