

STANWELL POWER STATION



1460 MW
Registered capacity



Type of energy
Thermal Coal-fired

We use just under 3 million tonnes of coal per year



4 Generating units



Commissioned
1993-1996



Total land size:
2600 ha

450 ha Operation land size

Non-operational land size

2,130 ha

(primary land uses are cattle grazing and conservation)



Areas of significance:

635 ha Nature refuge

35 ha Stanwell Energy Precinct

9 ha Stanwell Battery site

25 ha Raw water dam

124 ha Ash storage area



For more than three decades, Stanwell Power Station has played a critical role in supplying reliable electricity to Queensland and the National Electricity Market. Stanwell Power Station is one of Queensland's largest generating assets and contributes around 15 per cent of the electricity generated in Queensland each year.

About Stanwell Power Station

Stanwell Power Station is a four-unit coal-fired power station located west of Rockhampton in Central Queensland. Since commencing operations in the 1990s, the station has been a key contributor to Queensland's electricity system.

Supported by experienced employees and decades of operational expertise, the station plays an important role in providing safe and secure electricity for homes, businesses and industry across Queensland.

Coal is delivered to the station by rail. Our coal is sourced mainly from the Curragh mine near Blackwater in Central Queensland.

Delivering reliable energy today

Ongoing maintenance programs, major asset overhauls and continuous improvement initiatives help ensure the station continues to operate safely, efficiently and reliably.

Through ongoing investment in its people, assets and operational capabilities, Stanwell Power Station continues to support energy security and provide reliable electricity.

Local jobs and skills development

People are central to Stanwell Power Station's success. The station supports over 230 highly skilled workers across operations, maintenance, engineering and support services.

Stanwell also provides opportunities for apprentices, trainees and local contractors, helping develop future energy industry capability in Central Queensland and creating long-term employment opportunities in the region.

Many employees and their families live in nearby communities, contributing to the local economy and maintaining strong connections between the station and the region.

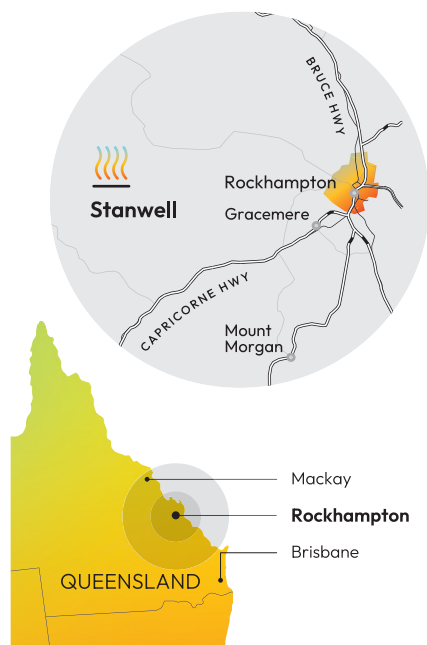
Supporting Queensland's energy future

As Queensland's energy system changes, Stanwell is investing in the infrastructure and technologies needed to support the state's future energy needs.

At the Stanwell site, this includes the 1200 MWh Stanwell Battery and other opportunities through the Stanwell Energy Precinct to support the development of new energy, storage and firming solutions.

Drawing on decades of experience operating large-scale energy assets, Stanwell is also partnering with the private sector to help deliver the portfolio of generation, storage and firming technologies Queensland needs for the future.

Site location



About Stanwell

Stanwell is Queensland's leading provider of electricity and energy solutions to the National Electricity Market and large energy users along the eastern seaboard of Australia.

With over 40 years of continuous operations, Stanwell maintains a reliable supply of power from two of the most efficient coal-fired power stations in Australia – the Tarong power stations near Kingaroy and Stanwell Power Station near Rockhampton.

Stanwell's experience working with communities to build, operate and maintain reliable coal-fired power stations is also being applied through partnerships with the private sector to build the new energy, storage and firming solutions Queensland needs for the future.

Stanwell acknowledges the Darumbal people, the Traditional Owners of the land where Stanwell Power Station operates, and recognises their continuing connection to land, water and community.

We respect and honour their Elders past, present and emerging, and we commit to providing the spark for a bright future together.

Responsible operations

Responsible management of natural resources, including water, land and energy, forms an important part of station operations.

Stanwell Power Station operates under strict environmental requirements and uses a range of technologies, monitoring systems and operational controls to manage environmental impacts and support compliance with regulatory obligations.

Water

Stanwell Power Station sources water from the Fitzroy River through an allocation held within Eden Bann Weir, which is owned and operated by Sunwater. The station's annual water allocation is approximately 24,000 megalitres.

Stanwell Power Station uses water to support safe, reliable electricity generation, with most water used in the cooling systems that help the station operate efficiently. Water used on site is carefully managed, reused where possible and monitored to minimise releases off site.

Stanwell also contributes financially to the regional water supply system through its water allocation arrangements, helping support the management and ongoing operation of shared water infrastructure that benefits the broader region.

Local communities and partnerships

Stanwell Power Station has been part of the Central Queensland community for more than 30 years. The station supports local employment and economic activity through its workforce, contracting partners and supply chain, while maintaining strong connections with the communities in which it operates.

Stanwell works closely with local communities, Traditional Owners, councils, community organisations, industry partners and government representatives to understand local priorities and build trusted relationships. Through community partnerships, sponsorships, community benefit programs and regular engagement, we seek to create lasting benefits for the region and the people who call it home.



Angie Zahra
Stanwell Power
Station, Site Manager

Angie Zahra's career spans more than 35 years in Queensland's energy industry.

She began at Stanwell Power Station as a Chemical Technician in 1992, during the final stages of Unit 1 construction.

Today, Angie leads Stanwell's Central Generation operations. She is committed to ensuring Stanwell continues to provide reliable energy for Queensland while supporting its people and creating positive outcomes for communities.



Emily Raguse
Stakeholder
Engagement Manager

Emily grew up in Rockhampton and has more than 15 years' experience in media, communications and stakeholder engagement.

Based at Stanwell Power Station, she leads a team of local professionals focused on developing strong relationships, understanding community priorities and ensuring local perspectives inform Stanwell's activities.

Contact the Central Queensland stakeholder engagement team at centralengagements@stanwell.com.

