

Tarong Power Stations and Meandu Mine neighbourhood news



Left to right: Brad Perry, Baconman gets ready for BaconFest - International Women's Day at Tarong - Graduate Engineer on placement at Meandu

Tarong welcomes Site Manager Brad Perry to the South Burnett

Brad has extensive experience in power station and mining management roles, having previously worked for Stanwell for more than 15 years.

Since 2015, Brad was working in Canada where he held the position of Managing Director at TransAlta Corporation in Alberta.

Brad's previous experience with both Stanwell and TransAlta will be a great asset to Tarong Power Station, as it continues to adapt to the changing energy industry.

Brad and his wife have recently moved to Kingaroy and are enjoying being part of the community. More about Brad in our next newsletter.

Investing for the future

The energy market continues to undergo a radical transformation and to support a lower carbon future, Stanwell's strategy is to ensure Tarong power stations' remain viable by being cost competitive and flexible in its operations.

Stanwell has forecasted to spend \$439.4 million on capital expenditure projects at Tarong power stations and Meandu Mine over the next five years ensuring they are part of the South Burnett for as long as they are needed in the National Electricity Market (NEM).

Tarong power station, keeping the lights on for Brisbane

To most consumers, the supply of energy is as simple as flicking a switch. The work that goes into producing and maintaining that supply, however, is far from simple.

With the major South Australian blackout of 2016 a reminder of what a worst case scenario can look like, Tarong Power Station recently participated in a collaborative 'trip to house load' activity with Powerlink, Ergon, Energex and the Australian Energy Market Operator (AEMO).

Tarong's role in the trip to house load was to practice restarting the grid in the event of a "going black" scenario. When this happened in South Australia, it impacted 1.7 million householders who were left without power following severe storms.

As part of the activity, Tarong Power Station rolled back to operating at its minimum operational load in response to a signal simulating a system "black" event, then gradually increased generation to allow transmission to be reinstated to energise the transformer at South Pine – the main transformer north of Brisbane.

Tarong's success in the pre-emptive activity was proof that we can turn the lights of Brisbane and Queensland back on, should a similar blackout event occur here.

A key learning from the South Australian event was that there needs to be common knowledge and expectations between the market operator and market participants during extreme events. This recent cooperative industry approach, as part of this "trip to house load" exercise, meant that all the players in Queensland's energy supply chain, were able to see first-hand how the trip to house load process worked.

Stanwell regularly participates in activities like this as part of our summer preparedness initiatives to ensure we can continue to deliver the energy Queensland needs.

WEATHER

Year to date

Recorded at Meandu Mine

Rainfall to 31 March 2019:	260.8 mm
Wettest day:	22 mm on 19 March
Lowest temperature:	11.8 degrees on 27 February
Highest temperature:	38.2 degrees on 13 March

Apprentices get a chance in their own backyard

An increasing number of women are becoming apprentices and trainees in the South Burnett. This year four females and three male recruits joined the Tarong Power Stations team in February and one female storeperson trainee and two male apprentices joined Meandu Mine in March.

Over the next one to four years, the new recruits will develop skills in electrical instrumentation, fitting and turning, material handling and processing, stores and business administration on their journey to gain a nationally recognised qualification.

Air, noise and vibration monitoring

Tarong Power Stations and Meandu Mine network of real time and stationary air, noise and vibration monitors continue to guide our planning and confirm our operations are within legislative requirements and the site's Environmental Authority (EA). The EA is put in place to protect people working on our sites and those living in the local community.

This data and the local weather conditions are reviewed daily by the mining team in an effort to monitor the operation and identify opportunities for improvements.

Our monitoring systems provide early warning signals that additional internal actions need to be implemented to minimise dust, noise and blasting impacts on surrounding neighbours.

If you would like to know more about our operations at Tarong power stations and Meandu Mine please contact Stanwell's Community Relations Advisor, Kirstie Schumacher on (07) 4160 9233 or email kirstie.schumacher@stanwell.com.

Native species resettle as rehabilitation progresses well

Since the 1980s, more than 560 hectares (ha) of rehabilitation has been completed at Meandu Mine. This represents approximately 25 per cent of the area currently disturbed by mining activities. During FY2017/18 alone, our operations rehabilitated 43.1 ha, against a target of 42.6 ha – that's the size of almost 42 rugby fields.

New monitoring system to track real-time emissions at Tarong

Earlier this year, Tarong power stations installed a world-class Continuous Emissions System (CEMS) to provide real-time data on what each power station is emitting, delivering on Stanwell's commitment to transparently report its emissions.

In 2017/18 Stanwell invested \$16.2 million at the Tarong power stations to ensure they are as efficient as possible and meet all legislative standards regarding emissions, including the strict provisions of its Environmental Authority.

Our engineering and environment teams continue to investigate innovative ideas and implement initiatives that are consistently pushing for improvements. The team recently reviewed and changed the electrostatic precipitator rapping procedure which has helped to reduce dust concentrations released to the surrounding environment.

Community effort to breed endangered cod

For the second year, Stanwell has partnered with the Cooyar Amateur Fishing Club and Murgon's Hanwood Fish Hatchery in a combined effort to breed endangered Mary River Cod in the Cooyar Creek system.

Stanwell's Meandu Mine Acting Site Manager, Jacob Orbell, said the Cooyar Creek release program is part of an environmental plan to save the species from extinction, which will eventually have future benefits for the fishing community.

"The aim is to release fingerlings into the Cooyar and Yarraman Creek (depending on water levels) so that over time the species can increase in number and eventually move through the waterways into the Brisbane River catchment.

"The program even has the potential to reduce the numbers of some pest species such as tilapia and carp", he said.

If you have any questions?

Please contact Community Relations Advisor, Kirstie Schumacher on **4160 9233** or if after hours please contact, **Meandu Mine Gatehouse: 4160 7211 or Tarong Gatehouse: 4160 9260**