



STANWELL POWER STATION

community update



Mechanical Technician Trevor Carige was one of 13 Stanwell Power Station employees involved in applicant assessments during the final selection stage.



Thirteen applicants attended the final selection stage on 6 August 2009.

2010 Stanwell Power Station apprentice and trainee intake

In June 2009 the recruitment process began for next year's apprentice and trainee intake at Stanwell Power Station.

More than 300 applications were received after advertising in The Morning Bulletin and Queensland Country Life and contacting schools in the region.

Through the services of the Gladstone Area Group Apprenticeship Scheme (GAGAL), Stanwell recruited for trainee roles in business administration and electrical, fitter and turner and boilermaking apprentices.

After being shortlisted, applicants underwent first round interviews and aptitude tests with GAGAL, and second round interviews with Stanwell Power Station employees representing the various skill disciplines.

The final selection stage involved practical exercises aimed at assessing the applicants' suitability to Stanwell's working environment.

The successful candidates for each discipline have all accepted their new roles and will begin with Stanwell in late January 2010.

> Stanwell Power Station performance

Performance measures	September quarter	2009-10 year to date
Energy sent out (GWh)	1913.3	1913.3
Availability factor (%)*	86.6	86.6
Site safe days	86	86
Impact on local community	September quarter	
Workforce employed on site**	880	
Local businesses supported	125	
Percentage of Queensland power supply***	14.6	

Energy sent out

The amount of power exported to the electricity grid after the energy used by the power station itself.

Availability

The total energy available to the system, allowing for planned and forced maintenance, as a percentage of total energy capacity.

Site Safe Days

Any day where no personnel on site are injured to the extent that:

- any treatment in excess of first aid is required
- an injury results where the worker is unable to attend their next or any subsequent attendances, or an event occurs on site that requires, under legislation, SCL to notify a regulatory authority.

Workforce

Includes employees and contract staff.

* Unit 3 outage—60 days off-line for routine, four-yearly maintenance.

** Considerably higher workforce numbers this period due to contractors working on Unit 3 outage.

*** Average over the quarter.



> Unit 3 outage update

The Stanwell Power Station Unit 3 outage is now complete, after a ten week major overhaul. This is the largest outage ever undertaken at the station, involving substantial planning and scheduling for more than 7,650 maintenance tasks.

The Unit 3 outage included regular scheduled maintenance, as well as several significant plant upgrade projects. The project involved inspecting key components, installing new parts, repairing existing equipment and checking and calibrating electrical components.

Major plant upgrade projects completed during the outage included an upgrade to the turbine and generator, installation of low NOx burners in the boiler, and full replacement of the air heater baskets.

As a result of the upgrade, the capacity of Unit 3 has increased by approximately 7 MW and efficiency at full load is improved by approximately 2.25%. Greenhouse gas emissions from the station will reduce by a further 42,500 tonnes a year.

Several safety improvements have been made since last year's outage. These included the installation of parts catch netting, permanent in-fill panels on handrails, permanent structures to replace temporary scaffolds and clear walkway marking through the turbine hall, which reduced the number of people exposed to hazards while walking to and from the canteen.

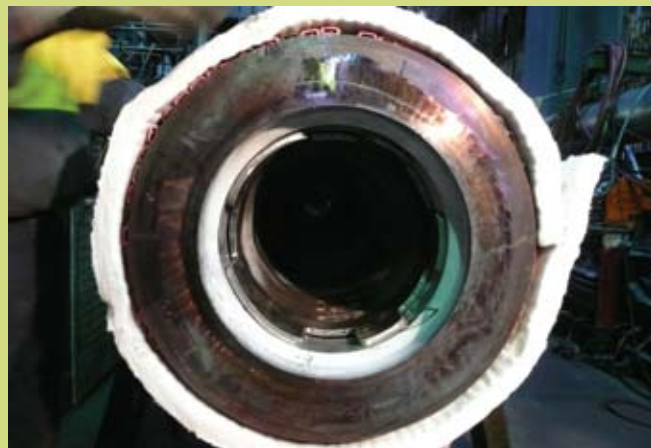
We inducted approximately 650 short-term outage contractors, introducing Japanese language induction sessions when required. The Outage Management and Safety and Environment teams addressed each induction class, reinforcing health, safety and environment and behavioural expectations.

The remaining three units at Stanwell Power Station continued to operate throughout the outage to meet generation requirements.



View of the end of the Unit 3 generator stator, showing a number of the new conductor bars installed.

This outage has delivered many challenges, in areas including technical, health and safety, resourcing and contract management. We have learned from these experiences and built this learning into the planning for future unit outages.



The high temperature de-superheater pipe during the repair process, showing the thick walls (around 90 mm thick). Wrapped around the outside of the pipe is a heater (orange bead structures) and some insulation as part of the heat treatment required for the welding processes.



Workers preparing air heater baskets prior to installation.



View of the new confined space entry process, which was used for the first time at SPS during the Unit 3 outage.

> Community Corner

> QREX empowers women in trades

Stanwell Power Station apprentices Lisa Stevenson and Stephanie Pascoe shared their knowledge and experiences with local year 11 and 12 students during the Queensland Resources Expo (QREX) in Rockhampton.

Lisa, a 1st Year Electrical Apprentice, and Stephanie, a 1st Year Mechanical Apprentice, delivered a presentation to the students outlining their experiences as female apprentices, the flexibility of their course and what they have found to be ingredients to successfully starting a career.

Lisa and Stephanie represented Stanwell with confidence and professionalism. Their messages were well received by their audience, generating plenty of thoughtful questions from the students.

The mentors guiding Lisa and Stephanie through their apprenticeship and SPS Training and Development Officer Greg John provided their full support for the presentation, which reinforced Stanwell's commitment to youth development in our local area.

Stanwell was a contributing sponsor for QREX 2009, which was held at the Rockhampton Showgrounds from 20 to 24 July. Our support extended to all aspects of the event, including attending and presenting at the conference, hosting a guided tour of Stanwell Power Station for conference delegates and exhibiting at the event's Trade Fair and Australian Resources Careers Market.

Stanwell has been a sponsor of QREX since the initiative was launched in 2007 to celebrate the resource industry's contribution to the Central Queensland region. Held in Rockhampton every two years, QREX offers an opportunity for businesses to display their products and services, raise awareness of the resources sector and highlight the varied career options available within the industry.

> Young musicians hit high note in Rockhampton

From 4 to 11 July, 150 music students took part in the annual SunWater and Stanwell Winter Music School in Rockhampton. Hosted by the Southern Cross Soloists and co-sponsored by Stanwell and SunWater, the 2009 Winter Music School was held at Rockhampton Girls Grammar.

The week-long event—part of Southern Cross Soloists' annual music education program for regional Queensland—culminated in a spectacular evening concert on Friday 10 July.

> Young leaders inspired by national motivational conference



Graham Dawson presents the year 7 Stanwell School students with their Young Leaders Conference certificates of attendance.

Stanwell Power Station representatives recently presented Stanwell State School Year 7 students with certificates, recognising the students' attendance at the National Young Leaders Conference in Brisbane. The students also took the opportunity to share what they learned at the conference.

Acting Stanwell Power Station Manager Graham Dawson and Community Relations Officer Ammanda-Jane Glazebrook joined the Stanwell State School staff and students as the student leaders presented on what they learned and experienced at the conference.

As with previous years' attendees, the students were inspired and motivated by the speakers they heard at the conference. The zest they showed for their futures was an inspiration to all listening.

This is the third consecutive year that Stanwell Power Station has funded the Stanwell State School students' attendance at the conference, which is designed to inspire and develop leadership skills in young people and help them build a bright future.

Students and tutors performed in front of a sell-out crowd at St Paul's Cathedral in Rockhampton, celebrating an inspiring week of musical learning and performing for the region's budding musicians.

The 2009 SunWater and Stanwell Winter Music School went on to win two major awards at the annual APRA Classical Music Awards, held in Sydney on 21 September. They were awarded for 'Outstanding Contribution to Australian Music in Education' and the overall Queensland State Award. Congratulations to all at Southern Cross Soloists.

> Community Corner

> Weed wars on CQ grazing and industrial lands

Stanwell was a major supporter of the 10th biennial Queensland Weed Symposium, held from 26 to 29 July.

The location of the conference at Rydges Capricorn Resort, Yeppoon, represented a return to Central Queensland by the symposium, 20 years after the inaugural event was held.

The initiative celebrated two decades of natural management activities in Queensland and Stanwell's sponsorship provided an opportunity for us to showcase our weed control programs and other environmental activities.

In conjunction with Fitzroy River & Coastal Catchment and the National Rubber Vine Management Group, Stanwell presented the 'Weed Wars on CQ Grazing and Industrial Lands' tour on Tuesday 28 July.

Approximately 70 conference delegates toured the Stanwell Energy Park and surrounds to view the success and integration of weed management into Stanwell's operations. The visit included lunch with Stanwell representatives at the station.

Symposium attendees included weed control officers, natural resource managers, researchers and government agency representatives. The field trip covered a number of locations and topics, including:

Capricorn Resort to Cawarral

Ecology and control program at Badhara Bush-Class 1 weed species management.

Cawarral to 'Esher' Dululu

Rubber vine management and control, parthenium management and control, grazing practices to manage weeds.

Dululu to Stanwell Energy Park (SEP)

Integration of weed management into Stanwell Power Station's annual operations, tour of SEP and surrounds to view the success of weed management.

Stanwell Power Station to SunWater washdown pads

Washdown design, use and operation; SunWater procedures for weed spread prevention.

SunWater washdown to Yeppen/Fitzroy River Flood Plain

History of the Sweep program (state and Fitzroy River Flood Plain) and the effectiveness of the program; observation of dynamics of weed infestations; past council management in relation to implementing the Fitzroy Shire Pest Management Plan through property inspections and successes.

> Stanwell awards excellence

Stanwell was again a category sponsor for the annual Rockhampton Regional Development Business Excellence Awards, now in its 14th year. The awards program, which was run over three months, culminated in a gala dinner on 21 August, at Rydges Capricorn Resort, Yeppoon.

The 2009 Stanwell Major Business of the Year Award was presented by Chief Operating Officer Wayne Collins to Benevolent Aged Care, who also took out the Outstanding Business of the Year award.

Other award entrants in the Stanwell-sponsored category were Fitzroy Basin Association, Frenchville Sports Club, Hillcrest Rockhampton Private Hospital, MRAEL, The Rock Building Society and Yeppoon Central Shopping Centre.

There were eight award categories in this year's program: new business (Capricorn Skin Centre), new franchise business (Michel's Patisserie), innovative business (iAssist), small business

(Granlea Riding Centre), medium business (Rophi Retreat), major business (Benevolent Aged Care), community contribution (The Rock Building Society) and outstanding business of the year (Benevolent Aged Care). Congratulations to this year's finalists.



Wayne Collins (centre) presented Benevolent Aged Care with the Outstanding Business of the Year award.

> Community Corner

> Stanwell helps to keep skills in the region

Stanwell has sponsored the Engineering Link Project each year since 2001 and this year's event, held at CQUniversity from 30 June to 2 July, drew students from schools throughout Central Queensland.

Over three days, local high school students from grades 11 and 12, eagerly applied their maths and science knowledge to practical civil, electrical, structural, environmental, military and mechanical engineering tasks.

Stanwell Power Station Mechanical Engineer Kylie Dickenson and Graduate Mechanical Engineer Paul Muller—himself a graduate of the Engineering Link Project in 2004—guided students through an exercise that involved creating a model car that could travel two metres in 10 seconds, using only Lego and a high speed motor.

Kylie and Paul taught students the basic engineering principles behind gear ratios and gear boxes, enabling them to calculate the required gear reduction to make the car travel at the desired speed.



Students were required to collaborate on group tasks during the 2009 Enterprise Management Project.

Other engineering challenges included building a retaining wall and developing an iPod speaker from scratch.

Engineering Link Project is a valuable way for students to experience the world of engineering and ensure a skilled workforce for the future by attracting young people to the profession.

The Engineering Link Project is an initiative of the Engineering Link Group, a not-for-profit organisation established to facilitate the introduction of secondary school students to the discipline of engineering.

From 27 September to 1 October, the Engineering Link Group also conducted the Stanwell-sponsored 2009 Enterprise Management Project, a business and entrepreneurial course for year 12 students with an interest in engineering, business management and marketing. The five-day course, held at the CQUniversity, was attended by 30 students from around Queensland.



Kylie Dickenson (second row far right) and Paul Muller (front row far right) attended on behalf of Stanwell to instruct students through a section of the program.

> SPS Neighbours Information Afternoon

During September, Stanwell Power Station welcomed local community members to our annual information afternoon. Stanwell Energy Park Coordinator Patrice Brown was on hand to provide an overview of recent activities and future plans for the land surrounding Stanwell Power Station. The attending community members also took the opportunity to chat with area experts from Station management, Environment, Outage and Production prior to embarking on a tour of the Unit 3 outage, under the guidance of Health and Safety Manager Marcus Taylor, Environmental Manager – Operations Josh Lobodin and Production Superintendent Adrian Hill.

Further information about next year's information afternoon will be communicated in the new year. We are planning to discuss how Stanwell Power Station addresses weed control across our surrounding buffer lands. We believe this information may be of interest to many of our local neighbours who may be tackling the same local weed control issues.

As December draws near, we look forward to enjoying the company of our local site neighbours at our End of Year Social Dinner, which we will report back on in the next CQ Community Update.

> Community Corner

> Beacon students shine at Brisbane youth conference

Students from Mt Morgan and Glenmore state high schools recently travelled from Rockhampton to Brisbane to attend Beacon's 2009 'Shine' Student Ambassador Conference.

The trip—sponsored by Stanwell—started on 24 August with a visit to our Brisbane office, where Acting Corporate Training and Development Manager Jon Kruk provided students with an insight into possible career paths. Stanwell's Electricity Market Trading Team then conducted a guided tour of the trading room.

The 'Shine' conference—hosted by The University of Queensland on 25 August—was attended by more than 100 Beacon Student Leaders from 12 Central and South East Queensland schools, along with 12 teachers and 14 industry representatives, including Stanwell's Jon Kruk.

The conference provided an opportunity for Beacon student ambassadors from all over Queensland to collaborate with their



Stanwell's Jon Kruk (far right) pictured with Beacon Student Leaders and other conference delegates at this year's 'Shine' Student Ambassador Conference.

peers, be inspired by some amazing individuals, participate in interactive workshops around Beacon's 'No Dole' program and develop strong leadership skills.

> Stanwell Energy Park

High fire risk season

The high fire risk across Central Queensland continues to threaten properties in the regions. An uncontrolled grass fire on Stanwell land, near the ash storage area, on Sunday 18 October demonstrated the speed that fires travel and the need to have a coordinated rapid response team. The fire is thought to have been started by a discarded cigarette butt.

Stanwell appreciates the assistance provided in the recent fire by the Rural Fire Brigade, Queensland Fire and Rescue, Fire Warden Glen Kelly, our employees and contractors and the neighbours who provided equipment and manpower to control the fire. Stanwell would also like to thank our neighbours for their cooperation and regular communications during the event.

Break-ins at Neerkol Property

Regular break-ins at the old orphanage site have caused property damage and taken up valuable police and Stanwell resources. Stanwell will continue to be vigilant in reducing unauthorised entry and ensuring the safety of the public.

Security footage from cameras located at the site has been used by police in their investigations and a number of offenders have been detected by our surveillance systems.

Stanwell would like the community to assist us with reporting any suspicious activities near the Neerkol property or, if you have any information regarding these break-ins, to report it to the police.

> New members of our local community

Stanwell extends a warm welcome to all new residents of our local community. New residents in the immediate surrounding area of the power station, including Stanwell, Kabra, Kalapa, Bushley and Wycarbah, who would like to be included on the Stanwell Power Station mailing list, should contact Stanwell Power Station Reception on 4930 3444.

If you would like any further information please contact:

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If you would like to be removed from this mailing list please contact Stanwell Reception on 4930 3444.



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