

MEDIA RELEASE

Club powers up Trigeneration System and cuts carbon footprint by one third **Investment in sustainable energy delivers \$185K in annual savings, taking 352 cars a year off the road**

Hurlstone Park, NSW, 11 March 2015 – Canterbury Hurlstone Park RSL Club is set to slice its greenhouse gas emissions by one third, cut annual energy costs by up to \$185,000 and reinvest the savings back into the community, following the installation of its Trigeneration Energy System.

Trigeneration is the simultaneous production of three forms of energy: electricity, heating and cooling from a single system. It is nearly three times more energy efficient than a coal-fired power station.

The Club will reinvest savings from the newly installed Trigeneration System into the club's facilities.

"From an energy cost savings point of view, we can invest even more funds into real benefits for members and the community," Canterbury Hurlstone Park RSL Club Chief Executive Officer Dean Thomas says.

CHPRSL Club anticipates complete cost recovery from the Trigeneration System within 4 years. Designed and installed by Simons Green Energy, the energy system will provide the club with cleaner electricity while converting waste heat into space heating and cooling. The energy system will deliver annual average savings of \$185,000 with a carbon emissions reduction of 1,590 tonnes per annum – equivalent to taking 352 cars a year off the road. With \$583,072 received in grant funding from the Australian Government, the expected return on investment for the Trigeneration System is 35% per annum.

The 505kW Trigeneration System is part of CHPRSL Club's \$15 million, 5-year Master Plan that includes a major upgrade of the Club's Canterbury Rd carpark, a new Canterbury Rd club façade and a heating and cooling system upgrade that includes new chillers and a centralised air conditioning loop. The club's air conditioning upgrade is designed to increase members' comfort as well as to deliver new levels of energy efficiency, reliability and year-round performance. Recently completed Master Plan project works include a new circuit training room for its fitness franchise, Anytime Fitness, and a dedicated training room for the Club's Registered Training Organisation, the CHP School of Hospitality.

The official Trigeneration System launch will take place at Canterbury Hurlstone Park RSL Club on Wednesday 11 March 2015 at 9am with The Hon Anthony Albanese MP, Federal Member for Grayndler, Shadow Minister of Infrastructure and Transport, Shadow Minister of Cities, Shadow Minister for Tourism, and Mr Nickolas Varvaris MP, Federal Member of Barton.

For further information about the event, please Toni Simons from Simons Green Energy on (02) 8338 8660.

Trigeneration system facts at a glance

CHPRSL Club will:

- reduce its energy costs by an average of \$185,000 per year
- cut its carbon emissions by 33%, equivalent to planting 15,900 new trees each year
- achieve an estimated return on investment of 35% and a payback of 4 years
- generate 505 kW(e) of electricity at peak capacity and produce up to 527kW of heating and 390 kW of cooling each hour (equivalent to around 100 apartment sized domestic air conditioning units).



Australian Government
Department of Industry and Science

This activity received funding from the Australian Government

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For further information, or to request high res images of the Trigeneration System and CHPRSL Club CEO Dean Thomas with The Hon Anthony Albanese MP, Federal Member for Grayndler, Shadow Minister of Infrastructure and Transport, Shadow Minister of Cities, Shadow Minister for Tourism, and Mr Nickolas Varvaris MP, Federal Member of Barton, please contact:

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BACKGROUND

About Canterbury Hurlstone Park RSL Club

Established in 1947, Canterbury Hurlstone Park RSL Club has over 30,000 members across 3 locations and employs more than 200 staff. The club's dining facilities include Viva Bar & Grill, The Café, The Main Bar sports bar, and Mama Wong's Chinese restaurant. The club also offers a broad mix of function facilities including a 700-seat auditorium and a 120-seat Viva Room.

The Club's sporting and recreation facilities include Anytime Fitness, a sports bar, a snooker room and a broad range of sub clubs that provide recreational and social activities for men, women and children of all ages. There is also a multi-storey carpark for 400 cars.

The Club is home to The CHP School of Hospitality; a Registered Training Organisation (RTO) accredited with the Australian Skills Quality Authority to deliver nationally recognised training for people looking to enter the industry, or to advance their careers.

Also part of the Canterbury Hurlstone Park RSL Group is Bargo Sports Club in the NSW Southern Highlands and Western Suburbs Australian Football Club ('Magpie Sports') in Croydon Park.

About Canterbury Hurlstone Park RSL Club's sustainability strategy

CHPRSL Club is furthering its goal to be a leading environmentally friendly club through the installation of a dedicated Trigereneration System. Following the Trigereneration System's installation, the club will reduce its carbon emissions by 33% and achieve a return on investment of 35% over a payback period of 4 years. With a useful life of about 15 years it helps 'future proofs' the business from rising energy prices and ensures the ongoing supply of power. The move to Trigereneration forms part of a 5-year, \$15 million Master Plan to ensure the club maintains its position as a leading entertainment, hospitality, dining and recreational hub for the community.

About Trigereneration technology

Trigereneration is the simultaneous production of 3 forms of energy: electricity, heating and cooling from a single system. Traditional generators lose heat as they create electricity, whereas a Trigereneration facility captures heat and uses it to generate both hot and cold water. The chilled water is created by an absorption chiller, which is generated by the excess heat and operates like a refrigerator. It creates water at sufficiently low temperatures to be used for air conditioning. The Trigereneration plant operates during the peak and shoulder period turning itself on when the power prices increase during the day and turning itself off when the energy prices revert to 'off-peak'. Simons Green Energy handled the design, installation and maintenance of the Trigereneration System installed at Canterbury Hurlstone Park RSL.

