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UNSW Sunswift Solar Car Racing Team visit Gullen Range Wind and Solar Farm.

Today, eight undergraduate students from University of NSW stopped by GRWSF with their state-of-the-art solar car. Known as eVe, the car is the world's fastest solar electric vehicle over a 500km distance. The visit allowed Gullen Range Wind and Solar Farm and UNSW students to learn about each other's technology. Students from Crookwell High School were also invited, to whet their appetite about renewable energy.

The Sunswift team of students from UNSW is dedicated to building the world's most advanced solar electric vehicles. The team come from a multitude of international backgrounds and brings a variety of disciplines to the design challenge. This is reflected through the five divisions of Sunswift's project: Mechanical, Electrical, Business, Operations and Strategy.

Matthew Holohan, Project Manager, Sunswift said, "We are a team that truly believes we can make a difference in the world through solving practical problems and constantly pushing technology to the limit."

Students from Crookwell High School enjoyed seeing eVe, learning about the Sunswift initiatives and hearing about their newest solar car, Violet, which is the sixth vehicle to be designed and manufactured by them. Violet is currently undergoing a series of mechanical and electrical upgrades in preparation for the upcoming Bridgestone World Solar Challenge in 2019.

The Gullen Solar Farm project is a 10 MW solar photovoltaic (PV) power plant. The solar farm is co-located within the existing Gullen Range Wind Farm, a 73-turbine farm which produces enough energy to power in excess of 70,000 average homes on an average day of wind. The solar farm consists of 42,000 solar panels and first generated electricity in 2017. It produces approximately 22,000 megawatt-hours of clean renewable energy each year, which is enough energy to supply approximately 3,100 average homes.

Leo Pearce, Asset Manager, Gullen Range Wind Farm said, "We were very interested to meet the Sunswift race team and their solar car eVe. Solar energy has such a bright future in Australia. It's fantastic to see two state of the art applications of solar technology side by side today.."

Gullen Range Wind and Solar Farm is owned by BJCE Australia, who also own Biala Wind Farm, a 31-turbine farm which is expected to have an installed capacity of approximately 100MW producing enough electricity for approximately 46,000 typical homes on an average day of wind.

If you are interested in learning more about clean energy generation or would like to see this technology first hand, BJCE Australia operates free public tours of the co-located facility. The next tour is on Tuesday 2nd October 2018. To book visit www.gullenrangewindfarm.com/tours

For more information about BJCE Australia and their projects visit www.gullenrangwindfarm.com, www.gullensolarfarm.com or www.bialawindfarm.com. To keep up to day with the Sunswift racing team visit www.sunswift.com

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About Beijing Jingneng Clean Energy (Australia) Holding Pty Ltd

Beijing Jingneng Clean Energy (Australia) Holding Pty Ltd (BJCE Australia) is wholly owned by Beijing Jingneng Clean Energy Co. Limited through its Hong Kong subsidiary (BJCE HK). BJCE was established in August 2010 and is the leading supplier of wind power in China. Listed on the Hong Kong stock exchange in 2011, BJCE's energy portfolio includes gas, wind, solar PV and hydroelectricity. As at 2017 BJCE owns and operates in excess of 8GW of clean and renewable energy generation assets. In 2014 BJCE entered the international market by acquiring a 75% stake in the 165.5MW Gullen Range Wind Farm. BJCE Australia's growing team consists of ten people, moving towards an ambitious target of owning and operating 1GW of generation in Australia by 2020. BJCE is based in Beijing and the headquarters of BJCE Australia are in Sydney.

About Sunswift team:

The Sunswift team was founded in 1995 by Byron Kennedy, a final-year electrical engineering student at UNSW, with the intentions of gathering a team in order to compete in the Bridgestone World Solar Challenge.