

Energy Estate and Hills International College to develop a campus-scale renewable hydrogen plant in Queensland

Press Release

18 January 2021

Energy Estate is pleased to announce a partnership with Hills International College to jointly develop the Jimboomba Renewable Hydrogen Plant. The plant will include a solar PV system as well as a renewable production and storage facility at the Hills Jimboomba campus in Queensland.

The project is being developed by Energy Estate under its HydrogenGrowth platform, a platform that focusses on developing a range of large and small scale “Green hydrogen” opportunities throughout Australia and internationally, including a number of large-scale plants in Queensland. It is also part of a wider initiative by the Hills Educational Foundation to develop education and training programs that provide both theoretical and practical hands-on learning experience for international and domestic students interested in learning about renewable energy and hydrogen production.

International renewable energy developer, Elecseed, together with leading Korean government-owned utility KOMIPO (Korea Midland Power Co Ltd), are supporting the project through their investment to expand the existing Hills Foundation Solar Farm. Elecseed and KOMIPO are also developing the Kumbarella Renewable Energy Park (K-REP), a 200MW solar farm with green hydrogen facilities in the Western Downs region of Queensland.

Kevin Peakman, Director of Hydrogen at Energy Estate stated “This is a great opportunity to develop the use of hydrogen in South East Queensland in a practical, distributed environment. We are also pleased to support the carbon neutral goals of the College and provide a meaningful, hands-on opportunity to share that knowledge with the College and its students.”

The Jimboomba Renewable Hydrogen Plant will see Hills Educational Foundation expand its existing solar farm to 2 MW, which is to supply that energy to the hydrogen plant being developed by Energy Estate. The plant will supply Hills Educational Foundation, Hills Golf Club and other businesses with 24/7 renewable power and will enable the campus coaches to run on hydrogen fuel. The surplus hydrogen produced will be sold in the market primarily for mobility uses.

Hills International College is run by Hills Educational Foundation, a not-for-profit organisation offering unique educational opportunities in an environment where language, culture and activities are shared. Joseph Marinov, CEO Hills Educational Foundation said “The Foundation has progressed towards a carbon neutral goal by establishing large ground based solar facilities, converting our diesel buses to run on hydrogen resulting in reduced diesel consumption, and are in the process of establishing a green hydrogen production facility and energy storage capacity. This multi-faceted project, that also includes potentially supplying oxygen to the adjacent wastewater treatment plant to reduce operational costs, demonstrates how the use of renewable energy to generate hydrogen can advance the hydrogen economy in Australia.”

For further information or comment please contact Kevin Peakman (E: kevin.peakman@energyestate.com M: 0423 686 033)

About Hills Educational Foundation:

Established in 1990, Hills Educational Foundation has built a global reputation as a leader in education, golf instruction and vocational training through, recruitment, global linkages and industry advocacy. We have trained students worldwide and placed many in employment, both nationally and internationally. Hills International Institute of Education has also paved the way for students from around the world to study with us at our Jimboomba, and externally throughout Australia.

A strong care philosophy underpins our approach to training and business. It also drives our network-building activities with international partners. This has resulted in formal agreements and the delivery of qualifications and skill sets to Australian Standards across Indonesia, Vietnam, China, Japan, Malaysia, South Korea, India and Thailand. These partnerships and networks also provide our students with practical overseas learning opportunities that benefit the local communities they visit.

For more information please visit: <http://www.hiie.edu.au/>

About Energy Estate:

Energy Estate is an advisory firm and business accelerator, focused on accelerating the transformation of the global energy sector. Energy Estate has offices in Sydney, ACT and Adelaide. The team brings together experts across the industry, giving us an understanding of the energy sector that is collaborative, innovative and holistic.

Energy Estate is committed to the transition of the energy industry in Queensland. Energy Estate is the co-developer of Central Queensland Power, which is a 2GW portfolio of integrated solar, wind, storage and transmission infrastructure within the Fitzroy Renewable Energy Zone. The project will facilitate the transition of Central Queensland's power supply to firmed renewable energy, create local jobs and secure the future of heavy industry in this region. Energy Estate is accelerating large scale green hydrogen and chemical projects in Gladstone and Abbot Point.

For more information please visit: <http://www.energyestate.com/>