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Edify and Siemens Energy announced as successful proponents in HyGATE Green Hydrogen Funding

Sydney, Australia: Edify Energy, in partnership with Siemens Energy, has conditionally secured grant funding through the Australian - German [HyGATE initiative](#).

HyGate is a joint initiative between ARENA, on behalf of the Department of Climate Change, Energy, Environment and Water (**DCCEEW**), and Germany's Federal Ministry of Education and Research (**BMBF**), through Project Management Jülich (**PTJ**).

Supporting Edify's Green Hydrogen Project (**EGH2**) at [Lansdown Eco-Industrial Precinct](#), the HyGATE funding was awarded due to the project's advanced stage of development and planned innovative technology, namely the advanced electrolyser plant with integrated behind-the-meter renewable energy generation. EGH2 involves the deployment of a 17.5 MW Siemens Energy electrolyser with 21 MW of integrated solar & battery energy storage system to produce a reliable source of green hydrogen for domestic use throughout Northern Queensland. The project is the first stage of a planned 1 GW green hydrogen production facility that will export hydrogen globally through the Port of Townsville.

Northern Queensland is perfectly poised to produce and supply green hydrogen to both domestic and global markets. With an ideal geographic location, an abundance of sunshine and access to water supply, EGH2 is well located near the Port of Townsville, which is executing a \$1.5B expansion supporting future export of green hydrogen to global markets.

Aligned with strong community sentiment, along with Local, State and Federal Government emission reduction targets, the funding will help secure the supply of Green Hydrogen in Northern Queensland to enable industries of all sizes to transition away from traditional fossil fuels.

Edify and Siemens will partner with four universities and research institutes (two in Australia and two in Germany) who are world leaders in clean technologies and their related markets and supply chains. The research will support the commercial viability of renewable hydrogen, contribute to forming a basis for the development of an Australian-German supply chain for renewable hydrogen, and encourage cross country collaboration and knowledge sharing between Australian and German organisations.

Quote attributable to Edify Chief Executive John Cole:

As a company we have always believed innovation is the corner stone to a successful clean energy transition. This vote of confidence from the HyGATE funding initiative will help to ensure the exciting new industry of green hydrogen will not only benefit our climate, but also the local communities of Northern Queensland, through new job creation and economic prosperity.

Quote attributable Siemens Energy Senior Vice President and Managing Director of Asia Pacific Thorbjörn Fors

The HyGATE Green hydrogen funding is a powerful demonstration of collaboration on numerous fronts: bilateral, government-private, and between energy stakeholders. Siemens Energy is committed to working with likeminded partners such as Australian renewable energy leader Edify to provide innovative and sustainable energy solutions. By acting in concert, we will help to drive the global energy transition and strengthen Australia's position as a hydrogen hub.

Quote attributable to ARENA CEO Darren Miller:

Edify's project aligns strongly with what we're trying to achieve through the HyGATE funding initiative in bringing together Australian and German technology and innovation. We're excited to see what can be learned and achieved through utilising renewable hydrogen in minerals processing and transport applications.

For more information on EGH2, [head to our website](#)

Media Contact

Michelle Grogan
michelle.grogan@edifyenergy.com

+61 404 045 556
+61 2 8790 4000

Attachments:

3D Render

Media Announcement PDF

About Edify

Edify is a proudly 100% Australian owned renewable energy and storage company with our head office located in Manly, New South Wales.

To date Edify has successfully overseen the development, structuring, financing and delivery of 773 MWp of utility scale solar projects and a 25 MW / 50 MWh battery energy storage system. These projects will produce enough electricity to power over 280,000 Australian homes. Edify is funding and developing a large portfolio of renewable energy and storage projects and is committed to producing clean green electricity solutions for Australian electricity consumers.

Edify is involved in the full lifecycle of renewable energy and storage project development and operation, including greenfield development, project structuring and financing, construction management and long-term operational asset management.

Edify's philosophy is to ensure that its interests are as closely aligned with project stakeholders as possible. For this reason, in addition to providing asset management services, Edify maintains an equity interest in all of its projects, ensuring that Edify's long-term project view is aligned with that of other stakeholders, resulting in best-in-class assets.

The Edify management team has more than 130 years' experience in the power and renewables sector internationally, raised and deployed around \$3 billion in capital, brought over 40 solar and wind projects into commercial operation and overseen the construction and operation of a collective operational portfolio of more than 1.7GW.