

## Renewable Hydrogen Deployment Funding Round – Full Application Applicant Details (6 August 2020)

Applicant	State and Description
<b>APA Group</b>	<p><b>State:</b> WA</p> <p>The Badgingarra Renewable Hydrogen Project is a joint venture between APA Group and Woodside Energy to be located at the Badgingarra Wind Solar Farm in Western Australia. The project will use 100% renewable power to produce hydrogen for use in power generation, transport and industrial applications. The project also provides clear longer term options for pipeline delivery of hydrogen to Perth.</p>
<b>ATCO Australia Pty Ltd</b>	<p><b>State:</b> WA</p> <p>ATCO is seeking to build and operate a 10 MW commercial scale hydrogen production plant using electrolysis technology to produce pure 'green' hydrogen gas. When fully developed, the site will be referred to as the Clean Energy Innovation Park (CEIP). The CEIP will use renewable energy as the main source of electricity to the 10 MW 'scalable' hydrogen production plant to generate between 4.2 and 4.6 tonnes of renewable hydrogen per day.</p>
<b>Australian Gas Networks Limited</b>	<p><b>State:</b> VIC</p> <p>Hydrogen Park Murray Valley (HyP Murray Valley) is a 10 MW electrolyser co-located with the Wodonga Waste Water Treatment facility. The renewable hydrogen gas will be blended with natural gas at volumes of up to 10% to decarbonise gas supply in the nearby twin cities of Albury (NSW) and Wodonga (Victoria), with the potential to supply industry and transport sectors.</p>
<b>BHP Billiton Nickel West Pty Ltd</b>	<p><b>State:</b> WA</p> <p>The BHP Nickel West Green Hydrogen project involves the installation of a 10 MW hydrogen electrolyser at the Kwinana Nickel Refinery. The hydrogen and oxygen produced from the electrolyser will be used internally to allow a reduction in carbon dioxide emissions from the refinery.</p>
<b>Engie Renewables Australia Pty Ltd</b>	<p><b>State:</b> WA</p> <p>The Yuri project in the Pilbara region of Western Australia is a collaboration between ENGIE, a global energy company committed to the energy transition, and Yara, one of the world's leading fertiliser and ammonia companies. The Pilbara region is recognised as having global potential for renewable energy generation and export. The first step of the Yuri project comprises a renewable power to hydrogen plant that would be integrated with Yara's existing ammonia plant in the Pilbara; one of the world's largest. Future phases of the project aim to transform the ammonia plant so that renewable hydrogen forms an</p>

	<p>increasing share of its input. This represents a groundbreaking decarbonisation of an existing industrial facility, and the renewable ammonia produced will serve local and export markets.</p>
<p><b>Macquarie Corporate Holdings Pty Limited</b></p>	<p><b>State:</b> QLD</p> <p>Anglo American and Macquarie Capital (“Macquarie”) are jointly developing an integrated solar-powered, green hydrogen production and mine vehicle project at the Dawson Mine in Queensland. The partnership brings together Anglo American’s expertise in pioneering the development of hydrogen power solutions for mining operations and Macquarie’s leadership in global infrastructure and renewable energy development.</p>
<p><b>Woodside Energy Ltd</b></p>	<p><b>State:</b> TAS</p> <p>The proposed H2TAS project is a renewable hydrogen project located in Tasmania’s Bell Bay Advanced Manufacturing Zone, a heavy industrial precinct north of Launceston. The proposal involves a 10 MW pilot project producing 4.5 tpd of hydrogen for domestic use, targeting the transportation sector. The project’s participants are Woodside Energy (Operator) and Countrywide Renewable Energy (CRE).</p>