

HYDROGEN INDUSTRY — *WESTERN AUSTRALIAN RENEWABLE HYDROGEN ROADMAP*

**878. Hon COLIN de GRUSSA to the Minister for Hydrogen Industry:**

I refer to the strategic focus areas and goals set out in the *Western Australian renewable hydrogen roadmap* dated November 2020.

- (1) Can the minister please provide details of the projects approved to export renewable hydrogen from Western Australia?
- (2) Can the minister provide details of the distribution of hydrogen in a Western Australian gas network?
- (3) Can the minister provide an example of where hydrogen is being used in a remote location in Western Australia to augment the use of diesel?
- (4) Can the minister provide details of any refuelling facilities for hydrogen vehicles in Western Australia?

**Hon ALANNAH MacTIERNAN replied:**

I thank the member for that question.

Just for clarification for members, the *Western Australian renewable hydrogen roadmap* set out a number of objectives for us to achieve by 2022. The member will note that we still have a few months to go, but I am very pleased to report good progress on all fronts.

- (1) The Yuri Pilbara fertiliser export project has received all its approvals and is now under construction. A range of other renewable hydrogen export proposals are progressing through approvals. The most advanced include the BP Australian renewable energy hub; the Fortescue Future Industries Uaroo renewable energy hub; the Woodside H2Perth proposal, which involves blue and green hydrogen; the Murchison hydrogen renewables project; and the Arrowsmith green hydrogen project.
- (2) The WA government-supported ATCO gas-blending project, which will blend hydrogen and gas into the natural gas distribution network for up to 2 500 customers, is due to be commissioned by the end of the year. In addition, the state is developing a renewable hydrogen target that will require a percentage of electricity in the south west interconnected system to be fuelled by renewable hydrogen.
- (3) The Denham microgrid project produced its first renewable hydrogen this month and the facility is on track to be commissioned in 2022.
- (4) The hydrogen high-speed refueller in Jandakot is on track to be completed in 2022. In the meantime, people are using the temporary facility at Welshpool.