



WHAT

We have received an application from Jemena Gas Networks (NSW) Pty Ltd (JGN) for a gas distributor's licence. JGN is seeking authorisation to distribute a mixture of natural gas and hydrogen through an existing distribution system to facilitate its *Western Sydney Green Gas Project*.

The Minister of Planning and Public Spaces granted [consent](#) for the project in August 2020.



WHO

JGN is the owner and operator of an extensive natural gas network in NSW. JGN distributes natural gas to 1.4 million homes, businesses and industrial sites across greater Sydney and regional centres.



HOW

JGN is undertaking the Western Sydney Green Gas Project at Horsley Park in Western Sydney. The project involves:

- ▼ Using renewably-sourced electricity to convert water into oxygen and hydrogen via electrolysis.
- ▼ Capturing and injecting small quantities of hydrogen (up to 2%) into part of JGN's natural gas distribution network.

The natural gas and hydrogen gas mixture will retain the properties of natural gas and comply with Australian Standard AS 4564-2011 Specification for general purpose

natural gas. No modifications to customer appliances are required.

The Department of Planning, Industry and Environment regulates the safety and network management of gas networks.



WHY

The *Gas Supply Act 1996* prohibits operation of a distribution system to convey hydrogen gas mixture unless under the authority of a distributor's licence.



WHEN

The submission period is now open and will close on 23 April 2021.



WHERE

The proposed distribution district includes the local government areas of Camden, Bankstown, Fairfield, Liverpool, and Penrith.



WHAT NEXT

JGN's application is available on our [website](#). Tell us what you think about the application by using the [Have your say](#) link on our website.

We will consider the application and all submissions before making a recommendation to the Minister for Energy and Environment to grant or refuse the licence. Our recommendation will summarise our assessment of the application and any submissions.