



2 August 2019

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Dear Adele,

Orkney Hydrogen Strategy 2019-25

Scottish Water welcomes Orkney Islands Council Hydrogen Strategy and we look forward to supporting the delivery of its ambitions and the overarching vision statement “*Orkney: a secure, sustainable low carbon island economy driven uniquely by innovation and collaboration, enabling the community to achieve ambitious carbon reduction targets, address fuel poverty and provide energy systems solutions to the world.*”

As part of our commitment to contribute to the Scottish Government zero emission target we already support research into using grey water and treated wastewater effluent in hydrogen production and the potential for using the by-product, oxygen, in wastewater treatment processes. We are also evaluating alternative fuel options, including hydrogen, for our Scottish Water vehicles. We would be happy to share the outputs of this research and work with you to identify further opportunities for collaboration.

With regards to your document, we would like to highlight that this does not give any indication as to the sources of water that have been identified for hydrogen production. Certain water resource zones on the Orkney Islands are presently in supply demand deficit, and we would therefore recommend that the appraisal of hydrogen production opportunities takes careful consideration of water resource availability. This will ensure that there is sufficient water for all of the islands’ needs and that environmental standards are met. Should the proposed facilities require the use of the public water supply we advise contacting Scottish Water at the earliest possible opportunity to identify where capacity is available or how we can work together to ensure requirements can be met.

Yours sincerely,

Simon Parsons
Director of Strategic Customer Service Planning

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