

Rebecca Knights
Department for Energy and Mining
11 Waymouth St
Adelaide SA 5000

10th July 2020

Landis+Gyr response to proposed regulatory changes for smarter homes

Dear Rebecca,

Landis+Gyr is pleased to submit our response to the Department for Energy and Mining's (DEM) consultation papers associated with the "Consultation on Regulatory Changes for Smarter Homes" objective.

As a general statement, Landis+Gyr agrees with the initiative to address the two key challenges of resilient Distributed Energy Resources (DER) and minimum demand, in view of the high proportion of rooftop solar within South Australia. We also believe that continued consultation with industry stakeholders will ultimately lead to the best possible outcomes.

Our submission includes direct responses to the questions posed in the consultation papers. We have first included a short background to Landis+Gyr and then our general response to the DEM's proposals.

Background to Landis+Gyr

Landis+Gyr is the global industry leader in energy measurement solutions and advanced meter management for electricity, gas, heat and water utilities. Focused on quality, reliability and innovation, Landis+Gyr offers a complete portfolio of energy meters and integrated smart metering solutions, enabling utilities and end-users to use scarce resources efficiently, save operating costs and protect the environment by managing energy better.

General response to proposed smart metering minimum technical standards in South Australia

Landis+Gyr supports the objective of the DEM, to safeguard the system security of South Australia's electricity network. Our solutions and products are intended to remotely operate electricity meter relays and their associated loads, including solar inverters, whilst meeting all jurisdictional obligations and regulatory requirements across both Australia and New Zealand.

Landis+Gyr's current metering products allow a customer's solar generation to be measured and controlled separately from a customer's general load, for single, two and three phase supply services. Remote connectivity to our meters is via public cellular network or private radio network with cellular backhaul, that utilises full end to end encryption for security. As a metering solutions vendor, we are working with our customers to support metering installations in South Australia with respect to these proposed rule changes.

General response to proposed remote disconnection and reconnection requirements

In addition to electricity meters, Landis+Gyr also has 'behind the meter' devices that can control (and measure) customer's solar generation. Supporting two, potentially three controllable loads, this device leverages the same secure remote connectivity technology used by our electricity meters. These devices are smaller than an electricity meter and can be co-located on the metering panel or elsewhere on the end customers' premises. These 'behind the meter' devices are an alternative option to support the remote disconnection and reconnection requirements for distributed solar generating plants.

We thank the DEM for the opportunity to provide input into the project, to safeguard the system security of South Australia's electricity network whilst continuing to support renewable energy targets. We believe our current products can support the DEM's objective and welcome the opportunity to engage in consultation further if required.

Please contact me on 0438 104 862 or opi.taumalolo@landisgyr.com if you have any questions or comments about our submission.

Yours faithfully,



Opi Taumalolo
Head of Product Management, ANZ
Landis+Gyr