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## Connection Feedback

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From **stewart sanson** [REDACTED]  
Date Wed 19/11/2025 07:50  
To Connection Feedback <connection.feedback@ea.govt.nz>

[REDACTED]

My name is Stewart Sanson, I'm a 75 year old retiree from Oratia Auckland. I, like many others, am excited by the potential of better empowering consumers who are fundamentally reshaping our energy future through investment in distributed generation like rooftop solar, and battery storage.

I am about to install a solar system and wish to be able to export excess power to the grid beyond the current 5kw maximum.

I agree with the Electricity Authority Te Mana Hiko (Authority) aim to remove unnecessary barriers to more efficient investment in distributed generation and maximise the benefits it brings for all New Zealanders.

Currently, there are arbitrary restrictions on the amount of power those with rooftop solar and batteries connected to distribution networks can export to the grid. Higher export limits should speed up distributed generation (eg, roof top solar) and battery adoption rates because the payback period will be reduced and incentivise bigger systems to be installed. This will increase savings for homeowners and also help bring down the price of electricity for everyone on the network.

I support the Electricity Authority proposals to improve export limits for small-scale distributed generation (DG) by:

Setting a default 10kW export limit (with allowance to set lower limits where appropriate based on an industry-developed assessment methodology) for small scale distributed generation connections (up to 10kW capacity), setting default voltage response settings for inverters (using Australian setting) and allowing for distributors to set different settings where appropriate.

Higher export limits will have widespread benefits for all New Zealanders and strengthen the resilience of the electricity supply. For example, distributed generation can increase the energy resilience of local communities by reducing reliance on electricity generated from centralised, grid-scale generation. Plus solar and battery systems can provide essential back up if there is a power outage, providing power for essential communications, EV

charging and basic needs.

The country is crying out for more generation and we know there is currently spare solar energy being curtailed by the networks that could be helping, especially in a dry year. We want to encourage the biggest possible solar systems because it reduces the costs for the homeowner and for everyone else on the network and higher export limits will help do that.

Stewart Sanson