

From: Gail Warman <gail.warman@internode.on.net>
Sent: Wednesday, 17 June 2020 1:16 PM
To: Future Energy <FutureEnergy@aemo.com.au>
Subject: Fwd: Submission to Renewable Integration Study (RIS)

Dear Marteena

Please accept the following submission to AEMO's Renewable Integration Study (RIS).

I am concerned that AEMO's proposal to engage in generation shedding is wasteful and will disproportionately affect DPV and other renewable generators, many of whom are householders who, at considerable expense, have installed renewable collectors to offset their electricity costs.

Equity is a key issue: the burden of generation shedding should not be borne by DPV and other renewable generators.

AEMO's rationale for generation shedding is at table 8, p. 43 of the RIS:

For the purposes of maintaining adequate levers for secure system operation in abnormal operating conditions during high DPV generation periods, AEMO's work to date has found:

- Generation shedding capability as a "back-stop" measure is essential; it is required in addition to ongoing investment in storage and development of distributed markets for daily efficient market operation.
- When it is required, the necessary change in the supply-demand balance could be very large and increasing as DPV generation continues to grow.
- Harnessing load and storage flexibility may reduce the amount of DPV generation shedding necessary. However, given uncertainties in the availability of this flexibility in real time, this does not remove the need for the generation shedding capability to be available in the first place

The proposal for generation shedding is a system failure that AEMO and the federal government need to address rather than wasting DPV and other renewable electricity.

What possible rationale could there be to expect people who've installed solar collectors to bear the cost of this system failure?

Storage is the key to making the most of renewable electricity. Australian organisations that can play a crucial role in addressing this include Enova Community Energy <<https://enovaenergy.com.au/>> and 1414 Degrees <<https://1414degrees.com.au/why-are-we-innovating/>>, which is focused on large scale storage for networks and industry.

Thank you.

Gail

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