



National Headquarters
Fire and Emergency New Zealand
National Headquarters
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8 September 2025

Ref: 19266

Tēnā koe

Thank you for your email of 3 September 2025 to Fire and Emergency New Zealand requesting the following information under the Official Information Act 1982 (OIA):

1. *The total number of solar-related fires FENZ has attended in New Zealand:*
2. *Please provide a breakdown of these incidents by the equipment involved, specifically:*
 - *PV panels (modules)*
 - *Inverters*
 - *DC isolators*

If available, please also include the most recent year's figures and any trends recorded over the past five years.

Based on how we record data and applying this to your request, the matching items we have in the 'equipment involved' fields are:

- Battery energy storage systems (i.e., solar or mains storage for buildings);
- Inverter charger; and
- Solar panel.

Of these fields, we have attended the following solar-related structure fires since the financial year ending 2021:

Incident count	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025
Battery energy storage systems	2	5	2	4	2
Solar panel	0	0	1	1	0

We trust that the information being provided is of assistance. If you require further information, please email officialinformationrequests@fireandemergency.nz

Please note that because of the identified public interest in the information that you have requested, we intend to publish this response (with your personal details removed) on our website.

Nāku noa, nā

A handwritten signature in black ink, appearing to read 'A. Saunders'.

Aidan Saunders
Manager, Information Requests

