Insurance Request Template – Neighbourhood Battery

This template is based on an insurance request in relation to the North Fitzroy community battery, which was kindly provided by the Yarra Energy Foundation.

**Cover letter**

*Provide details of your organisation, your battery project (including size and location) and its purpose.*

*Request particular insurance products, for example:*

* a public liability policy (~$10 – 20 million)
* a property damage policy (~$100 – 500 000)

*The proposed date of launch.*

*Provide a summary of the attached brief (specifications and factors affecting the insurance proposition).*

**Project overview**

* *Provide further details of your organisation, including purpose, structure, funding sources, history, staffing, capability and governance.*
* *Provide further details of the project, including the manufacturer and specifications of the battery, tender process if relevant, feasibility studies, your partners (esp DNSP), details re installation, services of the battery, connections to the grid and engagement with the local community.*
* *Provide information about the performance of the battery, requirements (e.g. temperature), storage size and physical footprint, features (e.g. noise level, modularity), safety credentials, expected operating life and end-of-life plans.*
* *Provide information about the location (vicinity to houses, roads, other infrastructure; accessibility), including photos. Also provide details of who owns the land and the leasing agreement.*
* *Provide information about other neighbourhood battery projects, with information about insurance cover of these projects if available, and of the history of the running, maintenance and safety record of the battery/ies involved.*
* *Provide pictures of the battery (e.g. from the manufacturer) and the site.*

**Key Considerations**

*Provide key considerations in assessing the insurability of the battery. For example:*

* *details of tender process and battery features*
* *proposed dates for requirement of insurance and details of other relevant insurance cover (e.g. installer, builder or utility insurance)*
* *details about the battery technology, for example:*
	+ Lithium-ion (Li) batteries are used across many industries, from mobile phones to Electric Vehicles and grid scale batteries. The same battery technology is used in neighbourhood batteries. Neighbourhood batteries are safer than the Electric Vehicles, because they are stationary and away from traffic.
	+ Since commercialisation of the first generation of Li batteries in 1991, the technology has undergone many performance and safety enhancements and is today considered inherently safe.
	+ Li batteries comply with two international standards: Battery safety
	standard IEC 62619:2017 & application standards IEC 62368.
	(*provide details of whether the batteries in your system meet (or exceed) the requirements of these standards*).
* *Provide information about the particular batteries you are procuring, the manufacturer, how widely they are used and their safety record*
* *Information about battery incidents*, for example:
The Victorian Big Battery (VBB) fire of last year was due to a combination of factors, including a cooling system leak that caused a short-circuit not in the batteries but in the electronics. The fire caused overheating of the batteries which subsequently caught fire as well. The batteries were not the cause of the fire.
* *Describe the precedent for insuring large batteries, for example:*There are many mid-scale and grid-scale batteries installed and operational in commercial and industrial businesses around the world. All these batteries are insured.
* *Provide information about the site that is relevant to the insurance request (accessibility, public access, risks such as traffic collision, flooding, bushfire or extreme weather, measure to mitigate these)*
* *Provide information about community engagement processes and involvement and approval of local residents*

*Provide a summary of your case.*

*You may like to provide additional information to support the above points, such as:*

* *details of other mid-scale and grid-scale batteries that are insured*
* *details of battery incidents in comparison to your proposed battery (why it is safer)*
* *details of safety specifications of the particular battery you are seeking to purchase from the manufacturer*