

Aviva Battery Energy Storage Systems Insurance Questionnaire



Important Notes

- (A) Answer every question fully. If necessary attach separate sheets with information which can be incorporated into your proposal.
- (B) A director/partner/member/principal of your business must complete the proposal and make all necessary enquiries of their fellow directors/partners/members/principals.
- (C) Wherever we ask questions on this proposal about you or your business we mean you, your directors/partners/members/principals/employees or any former directors/partners/members/principals/employees of any business for which cover is required under this insurance. You should include details of any predecessor businesses where cover is required.

Risk Overview

Named Insured: (Project Owner) Address:	
Project Name:	
Project Address (including Latitude/Longitude where possible):	
Total size of project (kW/MW):	
Please detail the grid services that will be provided: Maintain grid frequency: Energy arbitrage: Other (please specify)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Details of any man-made or natural hazards on the site including flood risk: Was a Geotech analysis carried out? If yes, please provide a copy: Were any other hazard studies conducted? If yes, please provide details e.g. flood risk assessment: Please provide details of any mitigation measures that are in place:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
Are there any properties and/or other businesses adjacent to the site?: If yes, please give details of types of properties and/or business activities: What is the distance to these properties/businesses?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Please attach the site layout and confirm provided: Please confirm the separation distances between the battery enclosures, enclosure groupings, transformers, switchgear room and export transformers:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Site security - please provide full details including: <ul style="list-style-type: none"> • Site perimeter security including fencing details and access control • Video surveillance/CCTV monitoring • Keyholder response 	

Risk Details

<p>(Applicable to Construction only) Provide details of main contractors/Subcontractors including contact address:</p>	
<p>(Applicable to Construction only) Provide main contractor's project reference list:</p>	
<p>Battery manufacturer & model name/number:</p>	
<p>Battery type & chemistry (e.g. lithium-ion - lithium iron phosphate): For lithium-ion batteries only – please provide details of conformance to UL1973 or equivalent for manufacture and testing:</p>	
<p>Year installed:</p>	
<p>Capacity per battery enclosure (kW/MW):</p>	
<p>Has the battery cell/module/unit been tested to UL9540A (Test Method for Evaluating Thermal Runaway Fire Propagation)? If yes, please provide details of independently certified test results from a reputable standards body for cell and module level tests as a minimum</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Is the battery storage system either in a building or covered by a canopy or otherwise? If yes, please provide details:</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>What cooling system is in place e.g, liquid/air conditioning etc.?</p>	
<p>Does the battery enclosure contain gas sensors and a venting system to minimise the deflagration risk if a thermal runaway event occurs? If yes, please provide details of sensor and venting specification:</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Is there a fire detection and/or protection system in place in the battery container/cabinet? If yes, please provide details (referencing Industry Standards such as NFPA855 or equivalent where possible):</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Have the local fire brigade been engaged and undertaken a site familiarisation tour? In either event please provide details (including location of fire brigade, response times etc):</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>

<p>Is there a fire response/thermal runaway management plan in place?</p> <p>If yes, please provide details:</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Please provide details of the battery monitoring systems as well as any offsite monitoring and control capability including any information of any 3rd party organisations that provide this service:</p>	
<p>Detail conformance to standards such as UL1741 (Safety of Inverters, Converters, Controllers and Interconnection System Equipment for use with Distributed Energy Resources) or equivalent:</p>	
<p>Provide details of PCS/inverter arrangement including number of batteries linked per PCS/inverter:</p> <p>Do any of the containers share a PCS/inverter (this doesn't apply to cabinets)?</p> <p>If yes, please provide details:</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Is there a switch gear room onsite?</p> <p>If yes, please advise distance from nearest battery enclosure:</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Is the main transformer/substation owned by the project?</p> <p>If yes, please provide details (i.e. number of transformers, manufacturer, capacity, fire protection):</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Is the main transformer/substation on site?</p> <p>If yes, please advise distance from nearest battery enclosure:</p> <p>If no, distance to owned substation:</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Are the power lines to substation:</p> <p>Please state the length of the lines:</p>	OVERHEAD <input type="checkbox"/> BURIED <input type="checkbox"/>
<p>Are warranties in place for:</p> <p>Batteries:</p> <p>Power Conversion Systems/Inverters:</p> <p>MV Transformers:</p> <p>HV Transformers:</p> <p>If yes, please provide details including what is covered by the warranties and expiry date(s):</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

Maintenance & Loss Details

<p>Operations & Maintenance provider:</p> <p>Address:</p>	
<p>Operations & Maintenance contract details including responsibilities:</p> <p>Please provide a copy of the contract if possible</p>	
<p>Details of any spares and whether kept onsite or offsite:</p>	
<p>Lead time for key components (e.g. batteries, PCS/inverters, MV & HV transformers, fire detection & suppression systems):</p>	
<p>Details of unscheduled downtime lasting more than 24 hours:</p>	
<p>Please provide details of any significant maintenance issues:</p>	
<p>5-year claims history, including losses covered by warranty:</p>	

Insurance Coverage Requirements

<p>Construction All Risk:</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, please complete relevant section below</p>
<p>Operational All Risks:</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, please complete relevant section below</p>

Construction All Risk

Anticipated project length (months):	
Commencement date:	DD/MM/YYYY
Anticipated completion date:	DD/MM/YYYY
Total Sum Insured/Construction Value:	GBP
Delay In Start-Up cover required:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Expected Annual Revenue:	GBP
Indemnity Period:	months

Operational All Risks

Inception date:	DD/MM/YYYY
Expiry date:	DD/MM/YYYY
Material Damage Sum Insured:	GBP
Business Interruption cover required:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Annual Revenue:	GBP
Indemnity Period:	months

Schedule/Breakdown of Values

	MATERIAL DAMAGE		
EQUIPMENT & PROPERTY INSURED DESCRIPTION	Number of Units/Containers	Value per Unit/Container	Total Value
Storage Technology			
Power Conversion System/Inverter			
MV transformer			
Switch Gear Rooms			
Substations			
Main Transformers			
Power Lines			
Electrical Works - control system(s), meters, wiring etc.			
Civil Works – foundations, bunds, buildings etc.			
Roads and fencing			
Other Property – please specify			
Total Material Damage			
BUSINESS INTERRUPTION			
Revenue Per Unit/Container			
Total Revenue			

Data Protection – Privacy Notices

Aviva Insurance Limited is the main company responsible for your Personal Information (known as the controller).

We collect and use Personal Information about you in relation to our products and services. Personal Information means any information relating to you or another living individual who is identifiable by us. The type of Personal Information we collect and use will depend on our relationship with you and may include more general information (e.g. your name, date of birth, contact details) or more sensitive information (e.g. details of your health or criminal convictions).

Some of the Personal Information we use may be provided to us by a third party. This may include information already held about you within the Aviva group, information we obtain from publicly available records, third parties and from industry databases, including fraud prevention agencies and databases.

This notice explains the most important aspects of how we use your Personal Information, but you can get more information by viewing our full privacy policy at aviva.co.uk/privacypolicy or requesting a copy by writing to us at: The Data Protection Team, Aviva, PO Box 7684, Pitheavlis, Perth PH2 1JR. If you are providing Personal Information about another person you should show them this notice.

We use your Personal Information for a number of purposes including providing our products and services and for fraud prevention.

We also use profiling and other data analysis to understand our customers better, e.g. what kind of content or products would be of most interest, and to predict the likelihood of certain events arising, e.g. to assess insurance risk or the likelihood of fraud.

We may carry out automated decision making to decide on what terms we can provide products and services, deal with claims and carry out fraud checks. More information about this, including your right to request that certain automated decisions we make have human involvement, can be found in the “Automated Decision Making” section of our full privacy policy.

We may process information from a credit reference agency, including a quotation search where you are offered an Aviva credit payment facility. More information about this can be found in the “Credit Reference Agencies” section of our full privacy policy.

We may use Personal Information we hold about you across the Aviva group for marketing purposes, including sending marketing communications in accordance with your preferences. If you wish to amend your marketing preferences please contact us at: contactus@aviva.com or by writing to us at: Aviva, Freepost, Mailing Exclusion Team, Unit 5, Wanlip Road Ind Est, Syston, Leicester, LE7 1PD. More information about this can be found in the “Marketing” section of our full privacy policy.

Your Personal Information may be shared with other Aviva group companies and third parties (including our suppliers such as those who provide claims services and regulatory and law enforcement bodies). We may transfer your Personal Information to countries outside of the UK but will always ensure appropriate safeguards are in place when doing so.

You have certain data rights in relation to your Personal Information, including a right to access Personal Information, a right to correct inaccurate Personal Information and a right to erase or suspend our use of your Personal Information. These rights may also include a right to transfer your Personal Information to another organisation, a right to object to our use of your Personal Information, a right to withdraw consent and a right to complain to the data protection regulator. These rights may only apply in certain circumstances and are subject to certain exemptions. You can find out more about these rights in the “Data Rights” section of our full privacy policy or by contacting us at dataprt@aviva.com

Fraud prevention and detection

In order to prevent and detect fraud we may at any time:

- Share information about you with other organisations and public bodies including the Police;
- Undertake credit searches and additional fraud searches;
- Check and/or file your details with fraud prevention agencies and databases, and if you give us false or inaccurate information and we suspect fraud, we will record this.

We and other organisations may also search these agencies and databases to:

- Help make decisions about the provision and administration of insurance, credit and related services for you and members of your household;
- Trace debtors or beneficiaries, recover debt, prevent fraud and to manage your accounts or insurance policies;
- Check your identity to prevent money laundering, unless you provide us with other satisfactory proof of identity;
- Check details of job applicants and employees.

Claims history

- Under the conditions of your policy you must tell us about any insurance related incidents (such as fire, water damage, theft or an accident) whether or not they give rise to a claim. When you tell us about an incident we will pass information relating to it to a database.
- We may search these databases when you apply for insurance, in the event of any incident or claim, or at time of renewal to validate your claims history or that of any other person or property likely to be involved in the policy or claim.

We can supply on request further details of the databases we access or contribute to. If you require further details please contact us.

You should show these notices to anyone who has an interest in the insurance under the policy.

Declaration

I/We declare that the information given is correct and complete, to the best of my/our knowledge and belief. If the risk is accepted I/We undertake to pay the premium when called upon to do so. I/We understand that my/our information may also be disclosed to regulatory bodies for the purposes of monitoring and/or enforcing the insurer's compliance with any regulatory rules/codes.

Signature:

Name:

Date:

Position:

E-mail:

Material Circumstances

IMPORTANT - This policy is a legal contract

Please remember that you must make a fair presentation of the risk to us. This means that you must:

- (1) disclose to us every material circumstance which you know or ought to know or, failing that, sufficient information to alert us that we need to make further enquiries; and
- (2) make such disclosure in a reasonably clear and accessible manner; and
- (3) ensure that, in such disclosure, any material representation as to a: (a) matter of fact is substantially correct; and (b) matter of expectation or belief is made in good faith.

A material circumstance is one that is likely to influence an insurer in the acceptance and assessment of the application. You must also make a fair presentation to us in connection with any variations, e.g. changes you wish to make to your policy. If you fail to make a fair presentation of the risk then this could affect the extent of cover provided or could invalidate your policy, so if you are in any doubt as to whether a circumstance is material then it should be disclosed to us. Disclosures should be specific and made in a reasonably clear and accessible manner. We will not be deemed to have knowledge of any information generally referred to (for example the contents of company websites listed in the risk presentation) or any matter not expressly drawn to our attention.

Each renewal invitation is made on the basis of the information we have at the time it is issued. We may revise or withdraw it if, before the date your renewal takes effect, any event occurs that gives rise to a claim or alters the material circumstances under this insurance, even if we are notified after your renewal date.

A specimen copy of the policy wording is available on request. You should keep a record (including copies of letters) of all information supplied to us for the purposes of the renewal of this insurance. A copy of the completed application will be supplied on request within a period of three months after its completion.

If you have a complaint

If for any reason you are unhappy with the product or service, please get in touch as soon as possible. For contact details and more information about the complaints procedure please refer to your policy documents.

Where a complaint cannot be resolved to your satisfaction you may be able to ask the Financial Ombudsman Service (FOS) to carry out an independent review. Whilst firms are bound by their decision you are not. Contacting them will not affect your legal rights. You can contact the FOS on 0800 023 4567 or visit their website at www.financial-ombudsman.org.uk, where you will find further information.

Our Regulatory Status

We are authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. We are registered as: Aviva Insurance Limited. Registered in Scotland, No. 2116. Registered Office: Pitheavlis, Perth PH2 0NH and our firm's reference number is 202153.

You may check this information and obtain further information about how the Financial Conduct Authority protects you by visiting www.fca.org.uk or by contacting them on 0800 111 6768.

Choice of Law

The appropriate law as set out below will apply unless you and the insurer agree otherwise:

- The law applying in that part of the UK, the Channel Islands or the Isle of Man in which you normally live or (if applicable) the first named policyholder normally lives, or
- In the case of a business, the law applying in that part of the UK, the Channel Islands or the Isle of Man where it has its principal place of business, or
- Should neither of the above be applicable, the law of England and Wales will apply.

Telephone Call Charges and Recording

Calls to 0800 numbers from UK landlines and mobiles are free. The cost of calls to 03 prefixed numbers are charged at national call rates (charges may vary dependent on your network provider) and are usually included in inclusive minute plans from landlines and mobiles. For our joint protection telephone calls may be recorded and/or monitored.

Use of Language

All communications relating to this contract will be in English

| Retirement | Investments | Insurance | Health |

Risks situated within the UK and other countries excluding the EEA are underwritten by Aviva Insurance Limited. Registered in Scotland, No. 2116. Registered Office: Pitheavlis, Perth PH2 0NH. Authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority and our firm's reference number is 202153.

Risks situated within the EEA are underwritten by Aviva Insurance Ireland Designated Activity Company. Aviva Insurance Ireland Designated Activity Company, trading as Aviva, is regulated by the Central Bank of Ireland. Our firm's reference number is No. C171485. A private company limited by shares. Registered in Ireland, No. 605769. Registered Office: Cherrywood Business Park, Dublin, Ireland D18 W2P5. Registered UK Branch Address: 80 Fenchurch Street, London EC3M 4AE. UK Branch authorised by the Prudential Regulation Authority. Subject to regulation by the Financial Conduct Authority (FCA reference No.827591) and limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from us on request.

