Renew Risk — Catastrophe Modeling Vendor Profile

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Direct answer: Renew Risk is an independent London-based catastrophe risk analytics company founded in 2021 to model physical and natural hazard risks for renewable energy and energy-transition assets. Headquartered at Lloyd's of London (1 Lime Street), it builds asset-first catastrophe models for offshore/onshore wind farms, solar installations, and data centers.

What Renew Risk Models and Sells

Unlike general property cat modelers designed around commercial buildings, Renew Risk builds asset-specific catastrophe models for solar arrays, offshore and onshore wind turbines, battery storage, and data centers. Its suite includes Solar Modelling, Wind Farm Modelling, a dedicated Renewable Energy Industry Exposure Database (including U.S. transition assets), and engineering risk reports.

Attribute	Primary-Source Verified Record
Candidate # / Gate	#13 — PUBLISH (Option B)
Ownership	Independent privately held venture-backed insurtech company (founded 2021; backed by Molten Ventures and institutional investors).
Headquarters	London, UK
Named Platforms	Solar Modelling, Wind Farm (Offshore & Onshore) Modelling, Renewable Energy Industry Exposure Database (IED), Data Centre risk models, and Risk Engineering Reports
Perils Covered	Natural catastrophes (hurricane, tropical cyclone, windstorm, hail, earthquake) and climate/human-induced hazards for renewable energy and transition infrastructure
Primary Buyers	Specialty energy insurers, reinsurers, renewable project developers, and infrastructure financiers
Official URL	https://www.renew-risk.com/

Peril Scope and Buyer Fit

Peril modeling evaluates tropical cyclones, extreme winds, severe convective hail, earthquakes, and climate-induced hazards against specialized turbine and photovoltaic vulnerability curves, alongside human-induced operational perils. Buyers are specialty energy underwriters, treaty reinsurers, project developers, and infrastructure lenders financing utility-scale clean energy.

Frequently Asked Questions

What does Renew Risk model and sell? Renew Risk offers Solar Modelling, Wind Farm (Offshore & Onshore) Modelling, Renewable Energy Industry Exposure Database (IED), Data Centre risk models, and Risk Engineering Reports, covering Natural catastrophes (hurricane, tropical cyclone, windstorm, hail, earthquake) and climate/human-induced hazards for renewable energy and transition infrastructure for Specialty energy insurers, reinsurers, renewable project developers, and infrastructure financiers.

Who owns Renew Risk? Independent privately held venture-backed insurtech company (founded 2021; backed by Molten Ventures and institutional investors).

Sources Cited & Census Links

Source / Link	Verified URL
Renew Risk Official Website	https://www.renew-risk.com/
Renew Risk Products	https://www.renew-risk.com/products
Renew Risk About Us	https://www.renew-risk.com/about
Renew Risk Contact (London)	https://www.renew-risk.com/contact
C-11 Census Index	https://riskcoveragehub.com/catastrophe-modeling-vendor-census/

Informational reference only. Confirm licensing terms, regional model versions, and regulatory filings directly with the provider.