Renewable Energy and Alternative Fuel Industry Practice

The Renewable Energy and Alternative Fuel sectors are rapidly evolving and present significant risks. Companies rely on complex infrastructure in hazardous environments and must prioritize safety and business continuity. As consumer behaviors shift and technology advances, it's essential to fully understand risks and exposures. Chubb offers the insight, expertise, products, and services necessary for comprehensive insurance and risk-mitigation solutions, servicing the industry segments for nearly 40 years.

Key differentiators

- The ability to write risks through the entire life cycle of the project; from pre-development, through construction to operations.
- Offerings and capabilities to fit clients of all sizes – start-ups to multinationals.
- A full suite of products including property and casualty, financial and specialty lines.
- Dedicated Underwriting and Risk Engineering specialists who understand the needs that shape this evolving industry.
- Our Climate+ Renewables product can provide instant cover via Ignite for Solar and Wind projects where total insured value is up to £50m

Chubb solutions

- Erection All Risk
- Delay in Start-Up
- Operators All Risk
- Business Interruption
- Project Cargo
- Employers Liability
- Products Liability
- Public Liability
- Environmental Impairment Liability
- Political Violence & Terrorism
- Financial Lines
- Surety
- Accident & Health
- Multinational

Who we insure

Renewable Energy

- Solar
- Wind
- Energy Storage
- Power Transmission & Distribution
- Hydropower
- Fuel Cells
- Geothermal
- Biomass
- Wave & Tidal

Alternative Fuels

- Biofuels
- Renewable Natural Gas
- Synfuels
- Hydrogen Production, Transportation and Storage
- Nuclear

Other Transition Technologies

- Heating and Cooling Networks
- Carbon Capture and Storage
- Water Desalination
- Other Emerging Technologies

Cases we have written

Risk description	Insurance written	Premium amount	Why did we win?
165MW Operation Battery Energy Storage System (BESS) Asset	• Property Damage • Business Interruption • Casualty	£150,000	• Ability to provide efficient solution at short notice knowledge • Multiline capability
90MW Onshore Wind Farm Construction Project	• Erection All Risks • Delay In Start Up • Casualty	£375,000	• Early broker engagement • Quick decision-making regarding coverage change requests
100MW Operational Portfolio – Onshore Wind, Solar and BESS	• Material Damage • Business Interruption	£510,000	• Risk engineering capability • ESG Credentials • Industry Knowledge
23MW Ground Mounted Solar Construction Project	• Erection All Risks • Delay In Start Up • Casualty • Environmental • Marine Cargo / Marine DSU	£170,000	• Online product / speed of documentation • Multiline capability
200MW BESS Construction Project	• Erection All Risks • Delay In Start Up • Casualty	£515,000	• Speed of response to submission • Risk engineering capability • Capacity deployed

Claims excellence

The Renewable Energy and Alternative Fuels sector is defined by high-value assets such as onshore and offshore wind farms, geothermal power plants, solar farms, transmission and distribution infrastructure, and biofuel facilities, which are frequently located in hazardous and remote environments. These conditions create a distinctive risk landscape, where incidents can lead to significant and complex losses. The sector's rapid technological advancements and the complexities of reinstatement intensify these challenges, making a robust approach to risk management essential.

Chubb supports clients in the Renewable Energy and Alternative Fuels sector by providing access to industry experts, experienced claims leads, and a network of specialists, including offshore loss adjusters and operational consultants. With proven technical expertise across Climate Tech, Energy, Powergen, and Construction, Chubb delivers effective solutions and helps clients navigate insured events with confidence and clarity.

Claims scenarios

£165,000 – Transformer failure due to manufacturing defect which caused an electrical flashover. Transformer replaced under warranty; claim relates to resulting delayed revenue.

£85,000 – Failure of hydraulic system in wind turbine resulting in asset repair and business interruption claims.

Why Chubb?

Flexibility:

- Cover that adapts to your size and direction
- Industry specific, customisable, scalable package solutions
- Broad cover across many industries

Reliability:

- World-class claims service
- Not afraid of complexity
- A leader in insurance

Expertise:

- Specialists in underwriting, claims and risk who live your industry
- Operations in 54 countries who understand your specific needs

Web links

- REAF webpage
- Insights webpage
- Claims webpage