

CASE STUDY

Climate Risk and Resilience Assessment for a Solar Development Project in a Flood-Prone Area



Client Challenge

A solar developer aiming to expand its portfolio faced significant flood risk challenges that could impact operations. Addressing these risks was essential for informed investment decisions and insurance discussions, as well as for enhancing long-term risk management strategies.

Our Approach

Chubb Resilience Services conducted a flood risk evaluation for a proposed 21-acre, 5MW site. This included a desktop review, historical event analysis, current risk assessment, and future scenario planning. Based on the analysis, Chubb provided early-stage engineering insights and design recommendations to address identified vulnerabilities.

The Outcome

The evaluation found that 20% of the site was 2 feet below the 1-in-100 flood level, posing significant flood risk. Chubb recommended elevating or relocating sensitive equipment planned for this area. An advisory document was shared with insurance partners to strengthen the project's loss prevention program. This approach highlighted the need for a deeper understanding of flood risks, enabling more robust risk management strategies.

Chubb Resilience Services

Chubb provides a flexible and tailored approach to resilience, meeting clients where they are today and where they aim to be. Combining extensive risk management experience with cutting-edge climate models, Chubb provides valuable insights and actionable recommendations for navigating climate risks. Chubb quantifies the financial impact of potential losses and mitigation measures, empowering businesses in their decision-making.

Whatever the future holds, your property should be ready for it.
Protecting property from dynamic climate risk. **Contact Chubb today.**