



Singapore College
of Insurance

Intermediate Level

Renewable Energy Projects and Their Insurance Coverage - Special Focus On Solar Power (with Site Visit)

Register Now



30 & 31 July 2026



14 CPD hours



9.00 a.m. - 5.00 p.m.



Singapore College of Insurance (SCI)

This two-day programme helps underwriters understand the risks in renewable energy projects, such as solar farms and hydro power plants. It covers technical aspects of planning, design, construction, and operation, enabling underwriters to assess and price these risks effectively. The course concludes with a site visit to a solar farm in Singapore, enhancing practical learning and helping intermediaries advise clients accurately.



Target Audience

Underwriters, Claims Handlers, Marketeers, Risk Engineers, Brokers and other Insurance Practitioners with at least two years' work experience in property, business interruption and engineering insurance.



Key Learning Outcomes

At the end of the programme, participants should be able to:

- understand the basic principles of risk management relating to green energy initiatives
- highlight the typical features of the Power Purchase Agreement (PPA) relating to Utility companies in the region
- describe good engineering practices relating to solar/ hydro power projects and its ideal risk improvement recommendations
- understand the values warranting a risk survey and relate them to the common hazards, management, construction, fire and security protection and exposure of a typical green power risk in terms of construction & operational perspectives
- assess the essential fire protection, fire extinguishment, security protection systems and required maintenance of renewable power facilities

Programme Outline

- Introduction
- Market place and some power industry practice
- Stakeholders and their respective roles
- Regulators, companies and other specialists
- PPA and its application
- Current projects and upcoming plans
- Basics of the CAR/ EAR & IAR/ CMI coverage
- Construction – some application issues
- Construction of Solar Farms and Hydro power plants
 - Introduction/ planning
 - Type of project – Tower, cable laying, building
 - Location exposure
 - Connection to existing electrical power grid (transmission & distribution)
 - Physical protection
 - Specification and suppliers
 - Other preventive measures
- Operational risks
- Site visit to a Solar Farm located in Singapore



Programme Fee

S\$827.31 (inclusive of 9% GST)

Participants who register by 30 May 2026 will be entitled to a 10% Early Bird Discount.

A 10% Group Discount is also applicable for organisations registering a minimum of three participants.

Please note that the Early Bird and Group Discounts are not cumulative.

Net Course Fee: S\$599.61 (incl. of 9% GST and after 30% FTS funding)

For Singapore Citizens below 40 years old and Singapore Permanent Residents

Net Course Fee: S\$327.31 (incl. of 9% GST and after 70% FTS funding)

For Singapore Citizens aged 40 years old and above

This course is recognised under the Financial Training Scheme (FTS) and is eligible for FTS claims subject to all eligibility criteria being met.

Please note that in no way does this represent an endorsement of the quality of the training provider and course. Participants are advised to assess the suitability of the course and its relevance to his/her business activities or job roles.

The FTS is available to eligible entities based on the prevalent funding eligibility, quantum and caps. FTS provides up to 70% course fee subsidy support for direct training costs subject to a cap of S\$500 per candidate per course subject to all eligibility criteria being met.

Find out more on www.ibf.org.sg.



Programme Leader

Pooba Mahalingam

Pooba Mahalingam - Regional Risk Consultant is based in Singapore with three decades of practical experience in risk/ insurance. Pooba is a professional engineer and operates under "Talent Asia Training & Consulting" of Singapore. He is specialized in the insurance space with special focus on property/ engineering/ construction insurance and risk management aspects. Pooba has provided Expert Evidence in a few technical disputes in Singapore, Malaysia, Brunei and Sri Lanka. He served as the President of the Insurance Law Association of Singapore (ILAS) for three terms.

Pooba is a regular lecturer with the Singapore College of Insurance (SCI), the Malaysian Insurance Institute (MII), The Insurance Institute of Asia Pacific (IIAP) based in Philippines and Thailand Insurance Institute (TII). He is also the Author of a MII publication entitled, "Engineering Insurance." Besides training, Pooba also undertakes property risk surveys and provides consultancy services to various clients (reinsurers, insurers and brokers) in Singapore, Kuala Lumpur and in the following regions: Asia, Middle East & Africa

