



Energy Management & Economics

Singapore Certified Energy Manager Professional Course: Core

Course Summary

Engineering professionals who intend to build their careers as energy managers need to understand principles related to the management and economics of energy. This module covers the setting up of energy management systems (including an introduction to ISO 50001), the formation of the energy management team and the integration of energy management systems into business practice. Also covered are Singapore's energy management policies and energy market tariff structure to enable better evaluation of supply contracts for reducing energy costs. Participants will also learn how to evaluate financial attractiveness of energy retrofit projects using simple payback, ROI, time value of money, etc and understand the various energy performance contracting models such as guaranteed savings and shared savings.

Course Outcome

1. Develop an energy management system
2. Define roles and responsibilities of energy management team members
3. Set up (or develop) energy policy, energy planning, procedure for evaluating performance of energy systems and energy performance review, documentation and communication processes
4. Integrate energy management system into business practice
5. Understand Singapore's energy market tariff structure to enable better evaluation of supply contracts for reducing energy costs
6. Evaluate financial attractiveness of energy retrofit projects
7. Understand the various energy performance contracting models

6 - 8 June 2018

9am - 6pm

Singapore Sustainability Academy

180 Raffles Place Level 6 Sky Park, #06-10

City Square Mall Singapore 208539

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Program Outline

Day 1 - Energy Management Systems

Day 2 - Energy Market Overview

Day 3 - Economic Analysis in Energy
Efficiency Investments

Tay Cher Seng



Speaker's Profile

TAY Cher Seng is a registered professional engineer and has over 25 years of experience in the design, installation and operations of M&E installations in buildings.

His current research interests are in waste heat recovery, thermal energy storage, and passive displacement cooling and green freeze refrigerants. In 2011, he won an ASEAN energy award for his work in recovering waste heat for hot water service. In 2012, He is named the BCA-SGBC Green Innovator of the year.

Rates

Before Funding: \$963.00

After Funding: \$577.80

Fees are inclusive of GST

E2I funding is available to all Singaporean and PRs.
Interested participants are to register for full qualification of 4 cores & 2 electives to be eligible for funding
Optional Examination fees at \$85.60

SEAS may cancel or reschedule a course at its discretion and will use reasonable efforts to notify delegates at least 5 working days in advance. In these circumstances, delegates will be offered an alternative date, an alternative location or a full refund of course fees paid. SEAS is not responsible for airline or accommodation costs incurred by delegate in the event a course is cancelled or re-scheduled.

Substitutions (name changes) are accepted at any time prior to the event without penalty, subject to the replacement delegate satisfying any necessary course pre-requisites.

Call us at +65 6338 8578 to enquire

Email: training@seas.org.sg

Registration Form

Yes! I would like to register for this programme I am unable to attend but please put me on your mailing list

Participant's Details

1	Name (Dr/Mr/Ms/Mrs)	Designation
	Hp	Email
	NRIC	

Participant's Details

2	Name (Dr/Mr/Ms/Mrs)	Designation
	Hp	Email
	NRIC	

Billing Information

Company Name	Contact Name
Company Address	Email
Tel	