

Singapore Electricity Network

Course Code: EFD06

SFC-Eligible | Course Reference Number: TGS-2020501076

COURSE OBJECTIVES

Upon completion of this course, participants will be able to:

- Understand the transmission and distribution of electricity in the Singapore electricity's network
- Comprehend the various types of network configuration and types of equipment implemented in the electricity transmission and distribution network

MAIN CONTENTS

- Overview of Singapore Electricity Network
 - Structure of generation, transmission and distribution of electricity
 - Transmission and distribution network configurations
 - Transmission and distribution network assets
 - Technical and performance standards
 - Regulatory requirements and codes of practice
- Electricity Transmission and Distribution Network Configuration and Network Equipment
 - Transmission
 - Electricity transmission network configuration
 - Equipment inside transmission substations
 - Types of transmission switchgear, transformers, shunt reactors and cables
 - Distribution
 - Electricity distribution network configuration
 - Equipment inside distribution substations
 - Types of distribution switchgear, transformers, low voltage boards and overground box, and cables

METHODOLOGY

Lecture

TARGET AUDIENCE

Engineering and technical staff working in the electrical power industry

Non-technical staff who are required or interested to know about Singapore's electricity network

COURSE DETAILS

Duration	:	7 hours
Mode of Delivery	:	Face-to-face or Synchronous E-learning
Certification	:	SIPG Certificate of Completion
PDU by PE Board	:	Pending
Additional Requirement/s	:	Not applicable

COURSE FEES

Full Course Fee	:	S\$360 (before GST)
For Singapore Citizens/PR (21 – 39 years old)	:	S\$108 (before GST)
For Singapore Citizens (40 years old and above)	:	S\$36 (before GST)

ADDITIONAL REMARKS

- Trainee must attain at least 75% attendance rate and pass the assessment to receive Certificate of Completion and funding grant (if applicable).
- Subsidy of up to 70% is applicable for Singapore Citizens, Permanent Residents or Long-Term Visitor Pass Plus (LTVP+) Holders, subject to funding agency's approval.
- Enhanced subsidy of up to 90% is applicable for Singapore Citizens aged 40 years and above, subject to funding agency's approval. Note that GST payable will be computed from fee after 70% funding.
- Professional Development Unit (PDU) is applicable for Professional Engineers registered under the Professional Engineers (PE) Board only.
- All published fees are subject to prevailing GST.

CONTACT US

For more information, please contact SIPG at +65 6916 7930 or email training-institute@spgroup.com.sg.

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