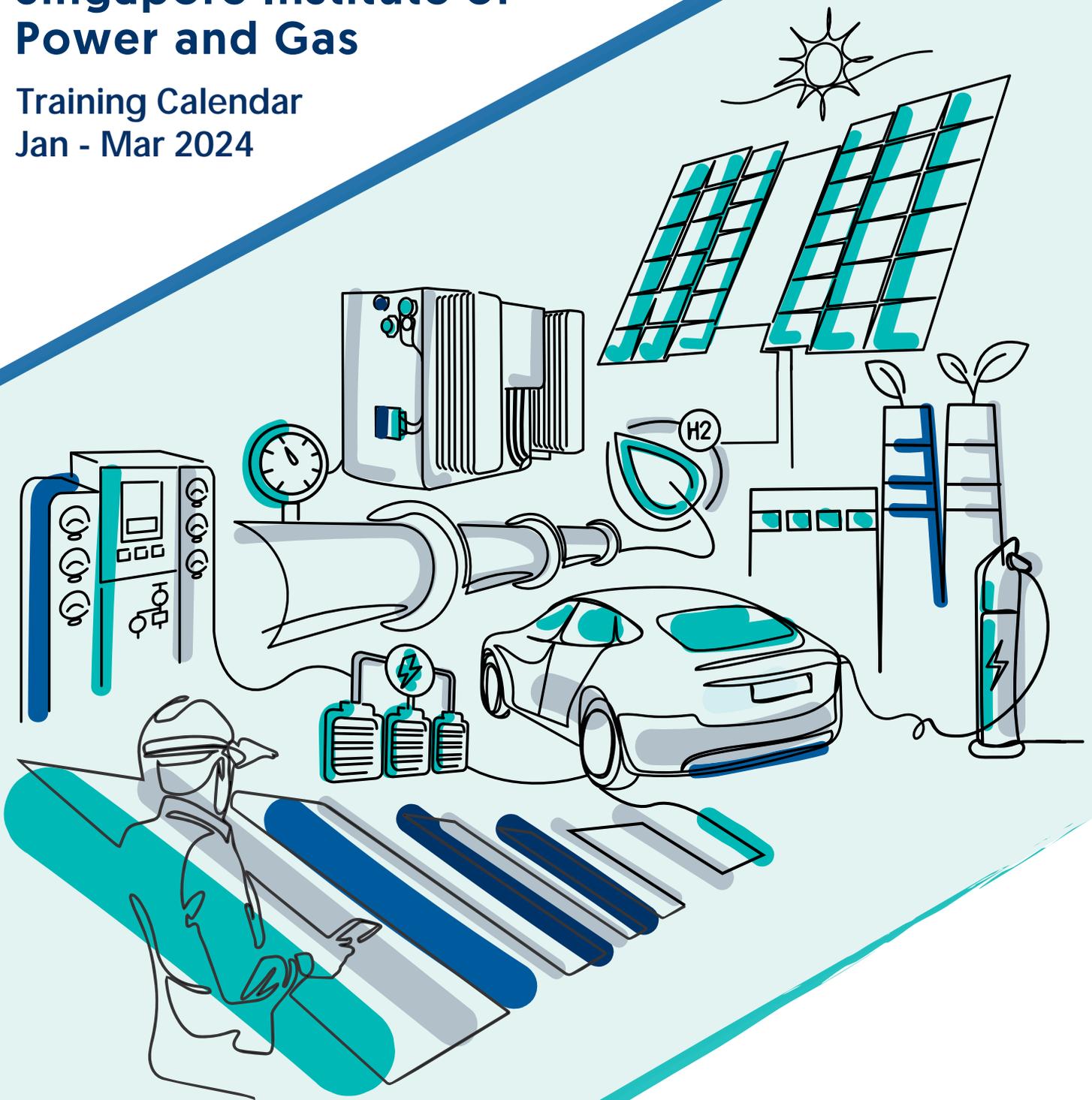


# SIPG

## Singapore Institute of Power and Gas

Training Calendar  
Jan - Mar 2024



**SPgroup**

Empowering the Future of Energy

# 2024

## JANUARY

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

8-9: ECL04 High Voltage Distribution Cable Identification, Spiking & Fault Location

9-10: ERG01 SS638 Code of Practice for Electrical Installations

15, 16, 18: EPG07 Requirements for Installation & Commissioning of Grid-Tied Photovoltaic System

17-18: ENO63 Condition Monitoring Techniques for Distribution Switchgear & Transformer

22-24, 25, 26, 30: ENO62 Restore High Voltage Outages

29: GRG02 Gas Market Structure & Gas Network Code

## FEBRUARY

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

1-2: ERG01 SS638 Code of Practice for Electrical Installations

19: ENO51 Distribution Switchboard Maintenance for Commercial and Industrial Low Voltage Installation

21-23: ECL05 High Voltage Cable Jointing Techniques

26: NEV03 Requirements and Implementation of Electric Vehicle Charging System

26-27: PDC208 Hydrogen Industry Masterclass

26-1 Mar: EPG12 Power Plant Operations and Performance **(NEW COURSE<sup>†</sup>)**

28-29: PDC208 Hydrogen Industry Masterclass

## MARCH

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

4-5: ERG05 Lightning and Lightning Protection

6-7: ESG08 Installation & Commissioning of Distribution Switchgear

11-12: EFD08 Singapore Electricity Network and Market

13-14: ESG06 Design, Installation & Testing of Electrical Switchboard & Supply Turn-On

18-19: ETF02 Operation & Maintenance of Distribution Transformer

20-21 & 27-28: EPG13 Managing Multiple Malfunctions in Power Plants & EPG14 Best Practices for Power Plant Optimisation **(NEW COURSE<sup>†</sup>)**

<sup>†</sup> Courses conducted using the latest Centralised Power Plant Simulator

**SINGAPORE INSTITUTE OF POWER AND GAS  
TRAINING CALENDAR  
JAN - MAR 2024**

No.	Course Code	Course Title	Duration (hr)	Mode of Delivery	Course Fee (1)	Course Fee (after Funding) (2) (3)	PDU (5)	Click to download outline	Upcoming Schedule
1	ECL04	High Voltage Distribution Cable Identification, Spiking & Fault Location	14	Face-to-Face	\$1,700	N.A.	14	<a href="#">Download</a>	8 - 9 Jan
2	ECL05	High Voltage Cable Jointing Techniques	21	Face-to-Face	\$2,950	N.A.	21	<a href="#">Download</a>	21 - 23 Feb
3	EFD08	Singapore Electricity Network and Market	14	Face-to-Face	\$720	\$216	Pending	<a href="#">Download</a>	11 - 12 Mar
4	ENO51	Distribution Switchboard Maintenance for Commercial and Industrial Low Voltage Installation	7	Face-to-Face	\$800	N.A.	7	<a href="#">Download</a>	19 Feb
5	ENO62	Restore High Voltage Outages	17.5	Face-to-Face	\$2,750	N.A.	15	<a href="#">Download</a>	22 - 24 Jan Assesment: 24, 25, 26, 30 Jan
6	ENO63	Condition Monitoring Techniques for Distribution Switchgear & Transformer	14	Face-to-Face	\$1,400	\$420	Pending	<a href="#">Download</a>	17 - 18 Jan
7	EPG07	Requirements for Installation & Commissioning of Grid-Tied Photovoltaic System	21	Face-to-Face	\$1,925	N.A.	13	<a href="#">Download</a>	15, 16, 18 Jan
8	EPG12	Power Plant Operations and Performance <b>(NEW COURSE<sup>†</sup>)</b>	35	Face-to-Face	\$3,500	\$1,050	NIL	<a href="#">Download</a>	26 Feb - 1 Mar
9	EPG13 EPG14	Managing Multiple Malfunctions in Power Plants <b>(NEW COURSE<sup>†*</sup>)</b> Best Practices for Power Plant Optimisation <b>(NEW COURSE<sup>†*</sup>)</b>	14 14	Face-to-Face	\$1,400 \$1,400	\$420 \$420	NIL	<a href="#">Download</a>	20 - 21 Mar 27 - 28 Mar
10	ERG01	SS638 Code of Practice for Electrical Installations	14	Face-to-Face	\$700	\$210	13	<a href="#">Download</a>	Run 1: 9 - 10 Jan Run 2: 1 - 2 Feb
11	ERG05	Lightning and Lightning Protection	14	Face-to-Face	\$700	\$210	13	<a href="#">Download</a>	4 - 5 Mar
12	ESG06	Design, Installation & Testing of Electrical Switchboard & Supply Turn-On	14	Face-to-Face	\$1,600	N.A.	12	<a href="#">Download</a>	13 - 14 Mar
13	ESG08	Installation & Commissioning of Distribution Switchgear	10.5	Face-to-Face	\$1,050	\$315	9	<a href="#">Download</a>	6 - 7 Mar
14	ETF02	Operation & Maintenance of Distribution Transformer	14	Face-to-Face	\$1,400	\$420	14	<a href="#">Download</a>	18 - 19 Mar
15	GRG02	Gas Market Structure & Gas Network Code	7	Face-to-Face	\$800	N.A.	6	<a href="#">Download</a>	29 Jan
16	NEV03	Requirements and Implementation of Electric Vehicle Charging System	7	Face-to-Face	\$700	\$210	Pending	<a href="#">Download</a>	26 Feb
17	PDC208	Hydrogen Industry Masterclass	14	Face-to-Face	\$2,200	\$660	Pending	<a href="#">Download</a>	Run 1: 26- 27 Feb Run 2: 28 - 29 Feb

<sup>†</sup> Courses conducted using the latest Centralised Power Plant Simulator

<sup>\*</sup> Courses EPG13 and EPG14 are part of the Advanced Certificate in Power Plant Operations and Performance and both courses must be taken together, following the training dates stated in this training calendar

### Enterprise Transformation Project (NEW)

SIPG offers implementation-led training and consultancy programme on *Lean Methodologies* that help enterprises strengthen business capabilities under the SkillsFuture Singapore Enterprise Transformation Project (ETP) initiative.

Participating enterprises will enjoy programme fee funding of 90% for Small Medium Enterprises (SMEs) and 70% for Non-SMEs.

Please contact SIPG at [training-institute@spgroup.com.sg](mailto:training-institute@spgroup.com.sg) if you are interested to learn more.

### Important Notes:

- [1] Course fees are subject to prevailing GST.
- [2] Only Singapore Citizens, Permanent Residents & Long-Term Visit Pass Plus [LTPV+] Holders are eligible for Course Fee Funding (if any).
- [3] Funding grant is subject to funding agency's approval.
- [4] SkillsFuture Mid-Career Enhanced Subsidy only applicable for Singapore Citizens 40 years old and above.
- [5] PDU: Professional Development Unit awarded by Professional Engineers Board; PEB reserves the right to reject or adjust the PDUs awarded for each run.
- [6] Minimum class size is required to be met to start the class.

**SINGAPORE INSTITUTE OF POWER AND GAS  
TRAINING CALENDAR  
APR - JUN 2024**

No.	Course Code	Course Title	Duration (hr)	Mode of Delivery	Course Fee (1)	Course Fee (after Funding) (2) (3)	PDU (5)	Click to download outline	Upcoming Schedule
<b>UPCOMING COURSES</b>									
1	ECL06	Low Voltage Distribution Cables, Joints & Terminations	21	Face-to-Face	\$1,400	\$420	19	<a href="#">Download</a>	13 - 15 May
2	EFD02	Essential Test Instruments for Low Voltage	7	Face-to-Face	\$700	N.A.	4	<a href="#">Download</a>	Apr*
3	ENO39	Electrical Testing and Inspection for Non-Licensed Electrical Installation	7	Face-to-Face	\$700	N.A.	7	<a href="#">Download</a>	16-May
4	EPG01	Overview of Power Generation Plant	7	Face-to-Face	\$700	\$210	6	<a href="#">Download</a>	Apr*
5	EPG04	Power Plant Maintenance Principles & Strategies	14	Face-to-Face	\$1,400	\$420	Pending	<a href="#">Download</a>	27 - 28 May
6	EPG06	Power Plant Efficiency	14	Face-to-Face	\$1,400	\$420	Pending	<a href="#">Download</a>	8 - 9 May
7	EPG11	Power Plant Operations & Process Controls <sup>†</sup>	35	Face-to-Face	\$3,500	\$1,050	Pending	<a href="#">Download</a>	Apr*
8	EPG12	Power Plant Operations and Performance <b>(NEW COURSE*)</b>	35	Face-to-Face	\$3,500	\$1,050	NIL	<a href="#">Download</a>	May *
9	EPG13 EPG14	Managing Multiple Malfunctions in Power Plants <b>(NEW COURSE**)</b> Best Practices for Power Plant Optimisation <b>(NEW COURSE**)</b>	14 14	Face-to-Face	\$1,400 \$1,400	\$420 \$420	NIL	<a href="#">Download</a>	Jun *
10	ERG01	SS638 Code of Practice for Electrical Installations	14	Face-to-Face	\$700	\$210	13	<a href="#">Download</a>	17 - 18 Apr
11	ERG06	Electrical Earthing Principles and Practices	7	Face-to-Face	\$350	\$105	6	<a href="#">Download</a>	16 Apr
12	ESG04	Operation & Maintenance of High Voltage Switchgear*	14	Face-to-Face	\$1,400	N.A.	13	<a href="#">Download</a>	20 - 21 May
13	NEV03	Requirements and Implementation of Electric Vehicle Charging System	7	Face-to-Face	\$700	\$210	Pending	<a href="#">Download</a>	22 Apr
14	NGD03	Introduction to Microgrid Systems	7	Face-to-Face	\$700	\$210	4	<a href="#">Download</a>	Apr*
15	NGD04	Introduction to Energy Storage Systems	7	Face-to-Face	\$700	N.A.	6	<a href="#">Download</a>	Apr*

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# SIPG Centralised Power Plant Simulator

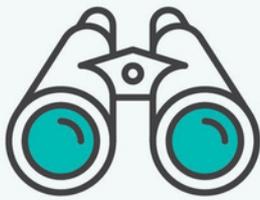
SIPG's newly launched courses conducted using the latest Centralised Power Plant Simulator			
Course Code	Course Name	Course Outline	Upcoming Schedule (2024)
EPG11	Power Plant Operations & Process Controls	<a href="#">Download</a>	April *
EPG12	Power Plant Operations and Performance	<a href="#">Download</a>	26 Feb - 1 Mar May *
EPG13	Managing Multiple Malfunctions in Power Plants	<a href="#">Download</a>	20 - 21 Mar June *
EPG14	Best Practices for Power Plant Optimisation	<a href="#">Download</a>	27 - 28 Mar June *

Courses EPG13 and EPG14 are part of the Advanced Certificate in Power Plant Operations and Performance and both courses must be taken together, following the training dates stated in this training calendar.

\*To be confirmed, please contact SIPG



SIPG is the training subsidiary of SP Group, the leading utilities group in Asia Pacific. SIPG provides training and consultancy services to support the manpower needs of the power and gas sector in Singapore and the region.



### Our Vision

Centre of Excellence for Training & Development in the Power and Gas sector



### Our Mission

To provide comprehensive training courses to support the human resource needs in the Power and Gas sector

## Accreditations



### Centralised Training Institute

Recognised by Energy Market Authority



### Continuing Education & Training Centre (CET) for Power Sector

Appointed by SkillsFuture Singapore

## Our Journey

2012

Setup of Power Sector Manpower Taskforce

2014

- Establishment of SIPG
- Recognised as Centralised Training Institute by Energy Market Authority
- Formation of Advisory Council

**NOW**

Meeting the training needs and upskilling the workforce now and for the future



1987

Started Singapore Power Training Institute



2013

Evaluate & Recommend Energy Strategy



2021

Appointed as Continuing Education & Training [CET] Centre for the Power Sector by SkillsFuture Singapore



# SIPG as a Tripartite Academy

SP Group, Utilities & Power Generation Companies



**Government**  
EMA, WSG and SSG

**Union**  
Union for Power and Gas Employees (UPAGE)



Alignment with Skills Framework for Energy and Power



Government training grant



PDUs from Professional Engineers Board

## Core Competencies



**Electricity Operations**



**Electrical Engineering Principles**



**Gas Operations**



**Power Generation**



**Emerging Technologies**



**Safety**

# Maintaining Quality & Excellence



**104**  
In-house  
Trainers



**9** SIPG  
Trainers

Certified Adult  
Educators

Experienced  
practitioners

Local and overseas  
industry experts

**58**  
Associate  
Trainers



\*Figures accurate as of Dec 2023

## Collaborations



Industry



Institutes  
of Higher  
Learning

## Our Trainees



Utilities



Transport



Public  
Agencies



Power  
Generation



M&E  
Consultants

and many  
others...

# Ongoing Programmes at a Glance



## Alternate Pathways for Licensed Electrical Workers (LEW)

Providing Alternate Pathways for LEWs to Upskill and Upgrade Licenses



## Energy Managers Programme (EMP)

Building Future-Ready Energy Leaders for the Sector



## Enterprise Transformation Project (ETP)

Transforming and Strengthening Capabilities of Enterprises



## SkillsFuture Career Transition Programme (SCTP)

Providing Training and New Opportunities for Mid-Career Switchers

## Training Campuses



Woodleigh Park



Ayer Rajah



Kallang HQ



**Empowered by Knowledge**

**SIPG**

2 Kallang Sector,  
Singapore 349277

**[www.spgroup.com.sg](http://www.spgroup.com.sg)**

