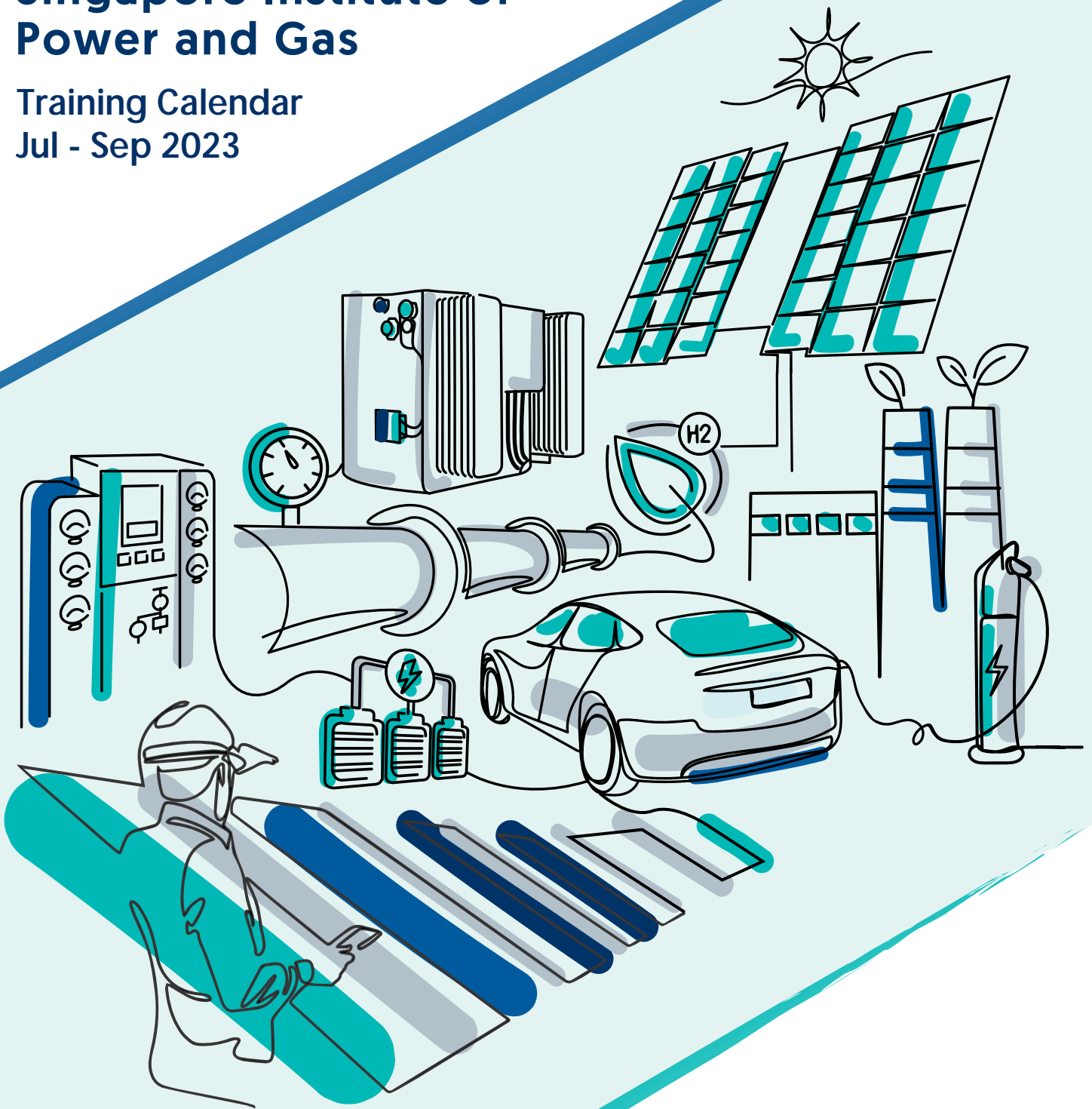


SIPG

Singapore Institute of Power and Gas

Training Calendar
Jul - Sep 2023



SPgroup

Empowering the Future of Energy

2023

JULY

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					

11-13: Low Voltage Distribution Cables, Joints & Terminations

11-12: Lightning and Lightning Protection

17-18, 21: Requirements for Installation & Commissioning of Grid-Tied Photovoltaic System

19-20: SS638 Code of Practice for Electrical Installations

Operation & Maintenance of Distribution Transformer*

Control and Protection of Generator and Turbines*

AUGUST

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		

3: Overview of Power Generation Plants

7-8: Operation & Maintenance of Distribution Transformer

16-17: Design, Installation & Testing of Electrical Switchboard & Supply Turn-On

22-23: Installation & Commissioning of Distribution Switchgear

24: Electrical Testing and Inspection for Non-Licensed Electrical Installation

30: Gas Market Structure & Gas Network Code

Importing Electricity from Regional Power Grid*

Electric Vehicles & the Grid*

SEPTEMBER

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

5-6: Power Plant Maintenance Principles & Strategies

13-14: Condition Monitoring Techniques for Distribution Switchgear & Transformer

28: Distribution Switchboard Maintenance for Commercial and Industrial Low Voltage Installation

Installation & Commissioning of Distribution Transformer*

Mid-Life Plant Management for Plant Optimisation*

*To be confirmed

**SINGAPORE INSTITUTE OF POWER AND GAS
TRAINING CALENDAR
JUL - SEP 2023**

No.	Course Code	Course Title	Duration (hr)	Mode of Delivery	Course Fee [1]	Course Fee (after Funding) [2] [3]	PDU [6]	Click to download outline	Upcoming Schedule
1	ECL06	Low Voltage Distribution Cables, Joints & Terminations	21	Face-to-Face	\$1,400	\$420	19	Download	11 - 13 Jul
2	ENO39	Electrical Testing and Inspection for Non-Licensed Electrical Installation	7	Face-to-Face	\$700	N.A.	7	Download	24 Aug
3	ENO51	Distribution Switchboard Maintenance for Commercial and Industrial Low Voltage Installation	7	Face-to-Face	\$800	N.A.	7	Download	28 Sep
4	ENO63	Condition Monitoring Techniques for Distribution Switchgear & Transformer	14	Face-to-Face	\$1,400	\$420	Pending	Download	13 - 14 Sep
5	EPG01	Overview of Power Generation Plants	7	Face-to-Face	\$700	\$210	6	Download	3 Aug
6	EPG04	Power Plant Maintenance Principles & Strategies	14	Face-to-Face	\$1,400	\$420	Pending	Download	5 - 6 Sep
7	EPG07	Requirements for Installation & Commissioning of Grid-Tied Photovoltaic System	21	Face-to-Face	\$1,925	N.A.	13	Download	17 - 18, 21 Jul
8	EPG09	Control and Protection of Generator and Turbines (NEW COURSE)	14	Face-to-Face	\$1,400	\$420	Pending	Pending	Jul *
9	EPG10	Mid-Life Plant Management for Plant Optimisation (NEW COURSE)	14	Face-to-Face	\$1,400	N.A.	Pending	Pending	Sep *
10	ERG01	SS638 Code of Practice for Electrical Installations	14	Face-to-Face	\$700	\$210	13	Download	19 - 20 Jul
11	ERG05	Lightning and Lightning Protection	14	Face-to-Face	\$700	\$210	13	Download	11 - 12 Jul
12	ESG06	Design, Installation & Testing of Electrical Switchboard & Supply Turn-On	14	Face-to-Face	\$1,600	N.A.	12	Download	16 - 17 Aug
13	ESG08	Installation & Commissioning of Distribution Switchgear	10.5	Face-to-Face	\$1,050	\$315	9	Download	22 - 23 Aug
14	ETF02	Operation & Maintenance of Distribution Transformer	14	Face-to-Face	\$1,400	\$420	14	Download	7 - 8 Aug
15	ETF12	Installation & Commissioning of Distribution Transformer	10.5	Face-to-Face	\$1,200	N.A.	Pending	Download	Sep *
16	GRG02	Gas Market Structure & Gas Network Code	7	Face-to-Face	\$800	N.A.	6	Download	30 Aug
17	NGD05	Importing Electricity from Regional Power Grid	7	Face-to-Face	\$1,300	N.A.	Pending	Pending	Aug *
18	PDC201	Electric Vehicles & the Grid	10.5	Face-to-Face	\$1,950	N.A.	9	Download	Aug *

*To be confirmed, please contact SIPG.

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 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 (LTVP+) 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] Blended classes include online and face-to-face classes for practical hands-on training.
- [6] PDU: Professional Development Unit awarded by Professional Engineers Board; PEB reserves the right to reject or adjust the PDUs awarded for each run.
- [7] Minimum class size is required to be met to start the class.

**SINGAPORE INSTITUTE OF POWER AND GAS
TRAINING CALENDAR
OCT - DEC 2023**

No.	Course Code	Course Title	Duration (hr)	Mode of Delivery	Course Fee (1)	Course Fee (after Funding) (2) (3)	PDU (6)	Click to download outline	Upcoming Schedule
UPCOMING COURSES									
1	ERG01	SS638 Code of Practice for Electrical Installations	14	Face-to-Face	\$700	\$210	13	Download	17 - 18 Oct
2	ERG04	An Overview of Transmission Code	7	Face-to-Face	\$800	N.A.	7	Pending	17 Oct
3	ERG06	Electrical Earthing Principles and Practices	7	Face-to-Face	\$350	N.A.	6	Download	8 Nov
4	ESG04	Operation & Maintenance of High Voltage Switchgear	14	Face-to-Face	\$1,400	N.A.	13	Download	15 - 16 Nov
5	NEV03	Requirements and Implementation of Electric Vehicle Charging System	7	Face-to-Face	\$700	N.A.	Pending	Download	Oct *
6	NGD03	Introduction to Microgrid Systems	7	Face-to-Face	\$700	\$210	4	Download	Oct *
7	NGD04	Introduction to Energy Storage Systems	7	Face-to-Face	\$700	N.A.	6	Download	Oct *
8	PDC208	Hydrogen Industry Masterclass	14	Face-to-Face	\$2,200	\$660	13	Download	Nov *

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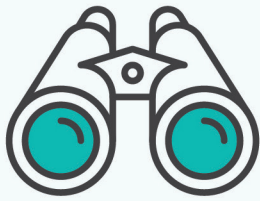
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SIPG is the training subsidiary of SP Group, the leading utilities group in Asia Pacific. SIPG provides training and consultancy services to support the manpower needs of the power and gas sector in Singapore and the region.



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



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

**113**
In-house
Trainers



8 SIPG
Trainers

Certified Adult
Educators

Experienced
practitioners

Local and overseas
industry experts

22
Associate
Trainers



*Figures accurate as of Nov 2022

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

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