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*(in application process)*



# WEBINAR ON MALAYSIAN STANDARD MS 2692:2020 TESTING AND COMMISSIONING OF GRID – CONNECTED PHOTOVOLTAIC SYSTEM

**15 MARCH 2021 (MONDAY) | 9 AM to 4 PM**

## INTRODUCTION

This webinar is part of a series of activities being continuously done to promote awareness on Malaysian Standards (MS) on photovoltaics (PV) technology. Ever since the first use of PV, much has progressed, including development in technology as well as the establishment of new and revisions of standards. It is important that these standards are made known to as many users as possible as it entails safety to all, irrespective of categories.

## OBJECTIVES

The objectives are:

- To introduce participants on the new MS 2692:2020.
- To increase understanding of industry players on the requirements and applications of MS 2692:2020.

## TARGET AUDIENCE

Project Engineers/Contracting Engineers; Facilities Engineers/ Design Engineers; Technicians/Installers/Wireman/Chargeman; Certification Bodies; Project Managers; Qualified Person; Regulators; Government Agencies & Bodies; Academia/ Researchers; Contractors/Service Providers

## KEY TAKE AWAYS

Latest information from the authorities; Introduce new MS related to GCPV from the key developers.

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40700 Shah Alam, Selangor

PROGRAMME

TIME	SCHEDULE
0900 – 0930	Participant admission
0930 – 1015	Overview of the Solar PV Industry in Malaysia By: Sustainable Energy Development Authority (SEDA) Malaysia
1020 – 1110	PAPER 2 – Introduction and Overview of MS 2692:2020 By: Prof. Sulaiman Shaari, Universiti Teknologi MARA (UiTM), Shah Alam Chairman, Working Group on Photovoltaics (WGPV)
1120 – 11.30	Break
1130 – 1230	PAPER 3 - Annex A: Part 1: System Documentation and Part 2: Verification through Inspection By: Assoc. Prof. Ir. Dr. Lim Boon Han, Universiti Tunku Abdul Rahman, Member of Working Group on Photovoltaics (WGPV)
1230 - 1400	LUNCH BREAK
1400 – 1500	PAPER 4 - Annex A: Part 3: Verification through testing By: Assoc. Prof. Dr. Jeyraj Selvaraj, Universiti Malaya, Member of Working Group on Photovoltaics (WGPV)
1500 - 1510	Break
1510 – 1610	PAPER 5 - Annex B and C: Testing and Commissioning & Reliability Run Test By: Prof. Kehormat Ahmad Maliki Omar, Universiti Teknologi MARA (UiTM), Shah Alam, Deputy Chairman of Working Group on Photovoltaics (WGPV)
1610	Closing

SPEAKERS' PROFILE



**Prof. Sulaiman Shaari** holds a Ph.D. in photovoltaic (PV) systems, M.S. and B.S. in physics and certified in grid-connected (GC) and off-grid (OG) PV systems design. He is a recognised trainer locally and internationally and has represented Malaysia at many events. He is Chairman of Working Group (WG) on PV for Malaysian Standards (MS); Secretary General of Asian Photovoltaic Industry Association (APVIA); and Vice-President II of Malaysian Photovoltaic Industry Association (MPIA). He teaches as Professor at Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM), Shah Alam, Malaysia. Email: solarman1001@gmail.com

## SPEAKERS' PROFILE



**Assoc. Prof. Ir. Dr. Lim Boon Han** is an Associate Professor in Universiti Tunku Abdul Rahman (UTAR), Malaysia. He has 21 years experience in solar energy. He built the early government-subsidized PV pilot plant in China. He also invented and mass-produced the world largest dual-axis sun-tracker with the size of 35 m in diameter. Working in both industrial and academics, Dr Lim has designed megawatts of PV power plants and involved in more than 40 research projects, with the total amount of funding more than USD60 million. He is now an Honorary Member of Malaysia Photovoltaic Industry Association (MPIA) and a working group committee on Photovoltaic Standards of Department of Standards Malaysia. Email: [limbhan@utar.edu.my](mailto:limbhan@utar.edu.my)



**Assoc. Prof. Dr. Jeyraj Selvaraj** received the B.Eng. (Hons.) degree from Multimedia University, Malaysia, in 2002, the M.Sc. degree in power electronics and drives jointly from the University of Birmingham, Birmingham, U.K., and the University of Nottingham, Nottingham, U.K., in 2004, and the Ph.D. degree from the University of Malaya, Kuala Lumpur, Malaysia, in 2009. He is currently an associate professor and deputy director of University of Malaya Power Energy Dedicated Advanced Centre (UMPEDAC), University of Malaya. He has involved in the field of solar energy for 15 years. He has done more than 75 onsite inverter test under the FiT, LSS and NEM scheme in Malaysia. He is also a member of IEEE, IEM and a member of working group committee on Photovoltaic Standards of Department of Standards Malaysia. Email: [jeyraj@um.edu.my](mailto:jeyraj@um.edu.my)



**Prof. Kehormat Ahmad Maliki Omar** holds a Ph.D. in power electronics from University of Malaya, M.Sc. in electrical engineering from Loughborough University, UK and B.Eng. (Hons.) in electrical engineering from University of Malaya. He is active in teaching, training, consultancy and research in solar photovoltaic (PV) power system, power electronics and dedicated controller. He has been the Malaysian representative at IEA-PVPS Task 11. He is also the Master Trainer and Examiner for the SEDA competency programme; Deputy Chairman of the PV Working Group for MS development. He is currently an Honorary Professor at Faculty of Electrical Engineering, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia. Email: [maliki\\_omar@uitm.edu.my](mailto:maliki_omar@uitm.edu.my)

## REGISTRATION

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