

# WEBINAR ON NEW ERA OF BACKUP POWER

WEDNESDAY, 18 NOVEMBER 2020  
9.00AM - 11.30AM

BEM Approved CPD/PDP: 2 Ref. No.: IEM20/HQ/227/T (w)

**SPEAKERS :**  
Mr. Loris Buess  
Mr. Wang Chao  
Mr. Mahendran Rajandran  
Mr. Fred Brouwer  
Dr John Lee

**REGISTRATION FEES**  
**(EFFECTIVE 1ST AUGUST 2020)**  
**IEM MEMBERS : RM 15.00**  
**IEM NON MEMBERS : RM 70.00**

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## SYNOPSIS

In order to maintain a constant power supply and productivity, the need of continuously output of energy is essential. Regardless of which industry sectors, power outages could happen at anytime for any reason, whether it is due to natural disaster, component failure or aging power grid, all industries and facilities need a reliable source of back up power in order to prevent losses in productivity and profits, most importantly to maintain safe working environment for all workers.

“New Era of Back Up Power” – helps you to evaluate potential updates and new technologies on back up power. Please join for this webinar to receive in depth, expert best practice for:

1. Addressing the challenges of reliable and stable emergency backup and daily-prime running power generation
2. Leveraging innovative technologies of back up power
3. a) Sizing of generator ratings for specific application  
b) Remote equipment diagnostics
4. Best practice on service and maintenance

## SPEAKER'S BIODATA

**Mr. Loris Buess** graduated from University of Applied Sciences in Geneva, Switzerland in 2008 in Micro engineering. He is currently the Marketing Consultant - Product Definition in Caterpillar Inc.

**Mr. Wang Chao** graduated from Beijing University of Chemical Technology in Bachelor of Mechanical Engineering in 2004 and followed by Master of Engineering Management in 2011. He is currently attached to Caterpillar Financial Insurance Service and Caterpillar Financial Aftermarket Solutions. His main focus is on extended protection of the machine, engine and genset.

**Mr. Mahendran Rajandran** obtained Bachelor of Electrical and Electronic Engineering from University Tenaga Nasional (UNITEN). He is the Head of Electric Power of Power Systems Division, Sime Darby Industrial, providing design consultancy for data center, manufacturing plants and commercial buildings. He has worked with many Caterpillar customers and dealers in Asia Pacific on diesel generator sets projects for 8 years.

**Mr. Fred Brouwer** joined Caterpillar for 24 years, throughout his years of service, he has spent 10 years in Electric Power and 14 years in Tunelling systems.

**Dr John Lee** expertise is in small to medium power sized generation systems using various types of gaseous fuels with focus on biogas. Graduated in Aeronautical Engineering (Propulsion) from Purdue University in 1989. He has worked with many Cat® and MWM dealers and biogas technology providers, consultants, suppliers and financiers to complete and commercialize biogas projects throughout the Asia Pacific region. His current interest and focus remains in biogas power generation CHP projects.

