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BEM Approved CPD: 2 Hours

# WEBINAR ON DESIGN OF DATA CENTERS:

- Data Centers of the Future
- Greening Data Centers in Malaysia

**8 June 2026**  
**11.00 a.m. - 1.00 p.m.**  
(Malaysia Standard Time)

## Synopsis

### Topic 1: Data Centers of the Future: Roadmap & Key Technologies

The speaker shall touch on the Data Center Roadmap – Past to Future. Comparing the traditional data centers vs modern data centers and the increasing rack power and density and the shift towards modular and scalable designs. The impact of AI on Power & Cooling requirements and why cooling is becoming the main challenge and the technological solutions. The speaker will also touch on Sustainability & Efficiency issues and regulatory concerns. What owners and designers should prepare for and key trends to watch in the next 5–10 years

### Topic 2: Greening Data Centers in Malaysia: Policy, Power, Water and Infrastructure Challenges for Consulting Engineers

Malaysia's emergence as a regional data center hub is closely linked to national sustainability, energy transition, and digital economy policies. This webinar explores how key frameworks in Malaysia - including the National Energy Transition Roadmap, MIDA's sustainable data center guidelines, DESAC incentives, and renewable energy procurement schemes - are shaping data center investments and infrastructure planning. It examines strategic challenges relating to power availability, water stewardship, carbon management, and ESG expectations, and highlights the evolving role of consulting engineers in aligning project delivery with regulatory compliance, investor requirements, and long-term sustainability objectives in Malaysia and the Asia-Pacific region.

## Speakers



Mr. Jayvarmaa Rajaram is a senior data centre infrastructure leader and currently serves as MEP Director at B-Global Tech. He has over a decade of experience delivering hyperscale, AI-ready, and mission-critical data centres across APAC and global regions, including large-scale facilities exceeding 300 MW and NVIDIA-based AI data centre deployments. Prior to joining B-Global Tech, Jayvarmaa served as Global Technical Leader for Data Centers at Schneider Electric, supporting complex hyperscale and colocation projects across APAC, EMEA & SAM.



Mr. Chong Chew Fan has more than 20 years of working experience covering design, contract administration, project management and consultancy in electrical and instrumentation services. He has vast experience in infrastructure and building works including green building and sustainable designs, housing development, mixed development, office and commercial buildings, water and wastewater, highways and roads and renewable energy projects. Mr. Chong is also an active member in various technical committees and working group in International Electrotechnical Commission (IEC), Department of Standards Malaysia (DSM), Energy Commission Malaysia (EC) and Green Building Index (GBI) on standards and guidelines development.

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